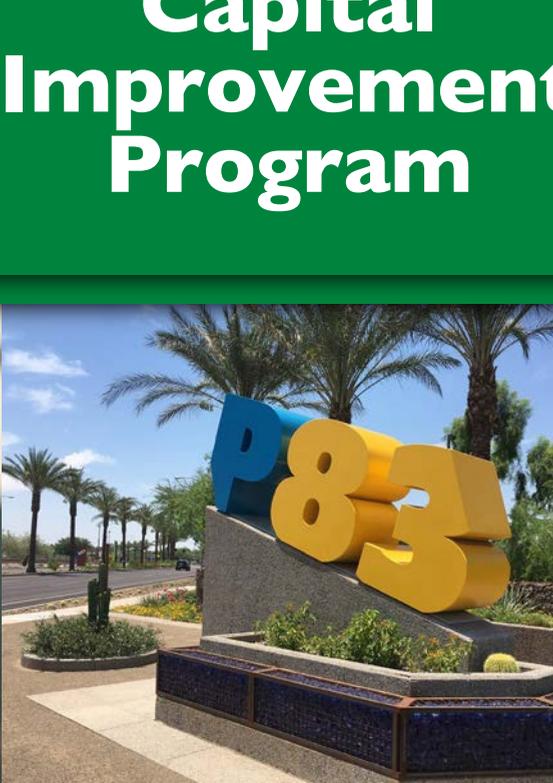




City of Peoria, Arizona

# FY2020-2029 Capital Improvement Program





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# City of Peoria Council Districts



**Mayor  
Cathy Carlat**



**Vice Mayor  
Bridget Binsbacher**  
Mesquite District



**Mayor Pro-Tem  
Vicki Hunt**  
Acacia District



**Councilmember  
Michael Finn**  
Palo Verde District



**Youth Council  
Liaison  
Frank Johnson**



**Councilmember  
Bill Patena**  
Ironwood District



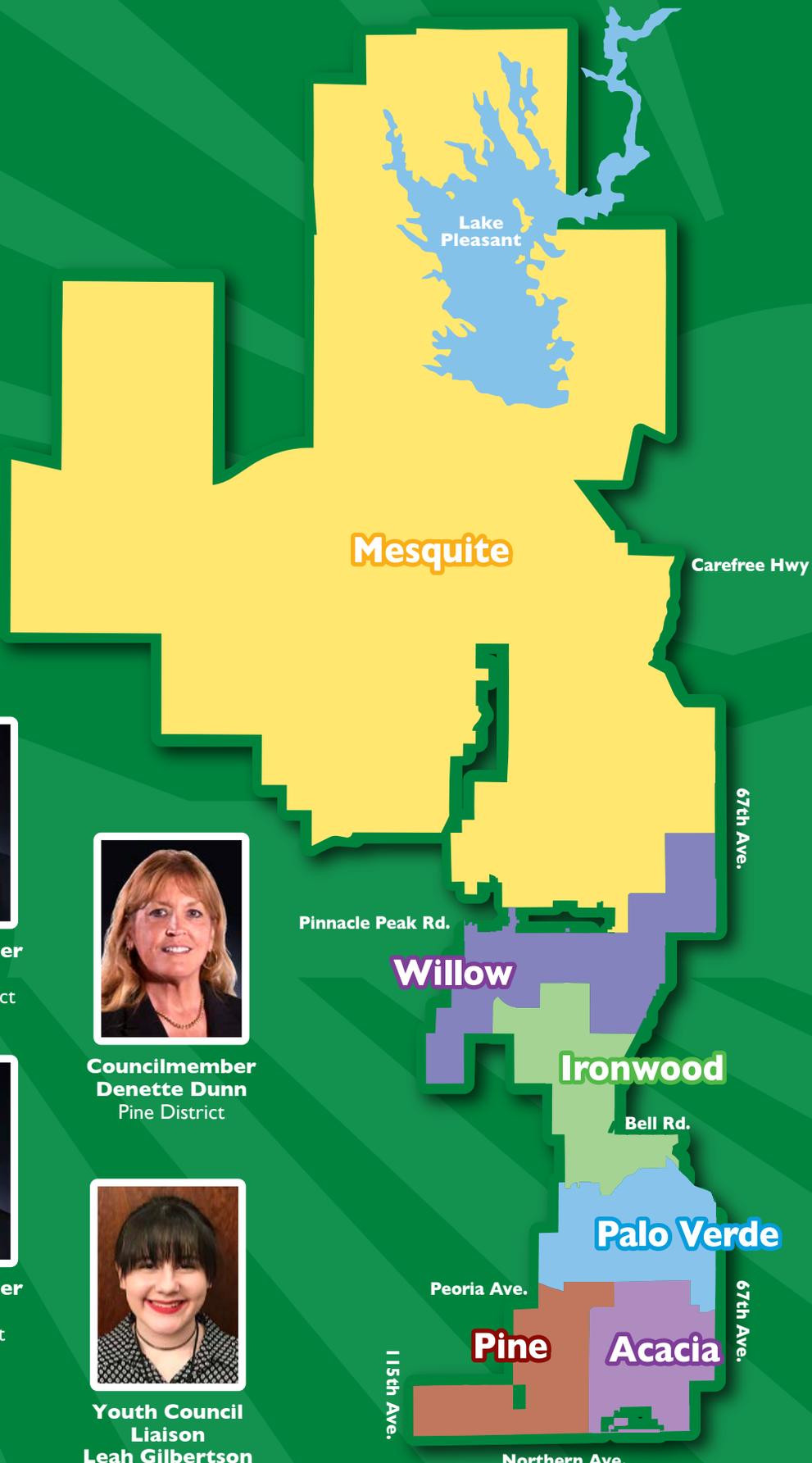
**Councilmember  
Jon Edwards**  
Willow District



**Councilmember  
Denette Dunn**  
Pine District



**Youth Council  
Liaison  
Leah Gilbertson**





## City of Peoria Core Values

*“The City of Peoria team members share a commitment to provide quality service for our community.”*

### **P** Professional

Demonstrates professional skills and knowledge needed to perform the job; keeps informed of developments in the professional field and applies this knowledge to the job; encourages and supports the development of subordinate personnel.

### **E** Ethical

Maintains the highest standards of personal integrity, truthfulness, honesty, and fairness in carrying out public duties; avoids any improprieties; trustworthy, maintains confidentiality; never uses City position or power for personal gain.

### **O** Open

Communicates effectively orally and in writing; involves appropriate individuals and keeps others informed; acts as a team member; participates and supports committees/boards/commissions/task forces; approachable; receptive to new ideas; supports diversity and treats others with respect; actively listens.

### **R** Responsive

Consistently emphasizes and supports customer service; takes responsibility to respond to all customers in a prompt, efficient, friendly, and patient manner; represents the City in an exemplary manner with civic groups/organizations and the public.

### **I** Innovative

Demonstrates original thinking, ingenuity, and creativity by introducing new ideas or courses of action; supports innovative problem-solving by identifying and implementing better methods and procedures; takes responsible risks; demonstrates initiative and “follows through” on development and completion of assignments.

### **A** Accountable

Accepts responsibility; committed to providing quality service to our community; plans, organizes, controls and delegates appropriately; work produced is consistent and completed within required timeframes; implements or recommends appropriate solutions to problems; acknowledges mistakes; manages human and financial resources appropriately.



# City of Peoria

## Principal Officials of the City

### Fiscal Year 2020

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**Cathy Carlat**  
*Mayor*

**Bridget Binsbacher**  
*Vice Mayor*

**Michael Finn**  
*Councilmember*

**Jon Edwards**  
*Councilmember*

**Vicki Hunt**  
*Councilmember*

**Denette Dunn**  
*Interim Councilmember*

**Bill Patena**  
*Councilmember*

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**Jeff Tyne**  
*City Manager*

**Erik Strunk**  
*Deputy City Manager*

**Katie Gregory**  
*Deputy City Manager*

**Andrew Granger**  
*Deputy City Manager*

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**George Anagnost**  
*Municipal Judge*

**Thomas Adkins**  
*Governmental Affairs Director*

**Kris Dalmolin**  
*Information Technology Director*

**Vanessa Hickman**  
*City Attorney*

**Bobby Ruiz**  
*Fire Chief*

**Jennifer Stein**  
*Director of Communications*

**John Sefton**  
*Parks, Recreation & Community Facilities Director*

**Art Miller**  
*Police Chief*

**Kevin Burke**  
*Public Works Director*

**Adina Lund**  
*Development and Engineering Director*

**Rhonda Geriminsky**  
*City Clerk*

**Rick Buss**  
*Economic Development Services Director*

**Laura Ingegneri**  
*Human Resources Director*

**Sonia Andrews**  
*Finance and Budget Director*

**Chris Hallett**  
*Neighborhood & Human Services Director*

**Chris Jacques**  
*Planning and Community Development Director*

**Cape Powers**  
*Water Services Director*

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# Introduction

Each year, the City of Peoria invests significant time and resources to design, construct and maintain the infrastructure and facilities needed to deliver municipal services to residents and businesses. Because of the high costs associated with building and maintaining capital assets, the city must carefully balance the need for such assets with our requirements to sustain a strong financial position. This is accomplished through the Capital Improvement Program (CIP) – a 10-year plan for addressing present and future infrastructure needs.



**The newly constructed Monroe Street median in Old Town adjoins City Hall**

Peoria's CIP is a 10-year balanced plan that addresses projects that are needed, or will be needed, across a broad spectrum of areas. It is balanced because we have identified funding sources based on reliable revenues to support both the capital costs and the operating costs for each project in the 10-year program. Each year, a great deal of effort is put into updating this plan to ensure not only that critical needs are being met, but also that the cost, scope and timing of *all* projects are coordinated throughout.

Coordinating the timing of different projects in the same area is particularly important, since it helps us to minimize service disruptions.

Capital projects are non-routine expenditures that generally cost more than \$100,000 and have a useful life of five years or more. Capital projects include design and construction, as well as the acquisition of land and the purchase of fixed assets. A fixed asset is any single item or single cohesive system that has a life expectancy of at least one year and a value of at least \$5,000. All land is capitalized as a fixed asset, regardless of cost.

The first year of the program is the only year that is appropriated by the City Council. This becomes the capital budget, which is an important piece of the city's overall annual budget. The Fiscal Year 2020 capital budget includes not only newly funded projects, but also any project costs carried over from the previous year. The last nine years of the CIP are for planning purposes; future funding is not guaranteed and the plan is subject to change. The CIP is a dynamic plan that can change significantly from year to year. At the discretion of the City Council, new projects can even be added to the capital budget after it has been adopted.

The 10-year Capital Improvement Program totals \$726,341,328. For FY 2020 alone, budgeted capital projects total \$256,454,658. This document provides detailed information about



**Solar Panel Parking Canopy at the Development & Community Services Building**

each project in the CIP, including scope, schedule, project costs, funding sources and future operating costs. It is intended to be a communication device, informing stakeholders of the city's plans for capital investment.

## Financial Policies

The City of Peoria *Principles of Sound Financial Management* establish guidelines for the city's overall fiscal planning and management, including the Capital Improvement Program. This document is available in its entirety on the city's website (Peoriaaz.gov) under the Finance and Budget Department. Several of the policies relate directly to the CIP, most notably Policy 8 – Capital Improvement Program. Following are some excerpts from this policy.

- The city manager will annually submit a financially-balanced, multi-year Capital Improvement Program for review by the City Council (8.01).
- The Capital Improvement Program shall provide an estimate of each project's costs, anticipated sources of revenue for financing the project, and an estimate of each project on city revenues and operating budgets (8.02).
- The city will match programs and activities identified in the Capital Improvement Program with associated funding sources (8.03).
- Efforts will be made to allocate sufficient funds in the multi-year capital plan and operating budgets for condition assessment, preventative and major maintenance, and repair and replacement of critical infrastructure assets (8.04).
- The city's objective is to incorporate "Pay-As-You-Go" funding (using available cash resources) in the annual Capital Improvement Program. This will supplement funding from other sources such as IGAs, bonds, impact fees and grants (8.05).
- When current revenues or resources are available for capital improvement projects, consideration will be given first to those capital assets with the shortest useful life and/or to those capital assets whose nature makes them comparatively more difficult to finance with bonds or lease financing (8.06).
- The first year of the adopted capital plan will be the capital budget for that fiscal year (8.07).
- Periodic status reports will be presented to City Council to share project progress and identify significant issues associated with a project (8.08).
- Within 90 days of the completion of a capital project, any remaining appropriated funds for the project will revert to the fund balance of the funding source (8.09).
- The Capital Improvement Program will be updated annually as a multi-departmental effort (8.10).



**New bus shelters prominently display Peoria's flag**

### CIP Development Process

Capital improvement planning has proven to be a year-round process, with city departments continually re-evaluating and prioritizing their capital needs. However, the process is most involved from October through April. It is during this period that city staff identifies and prioritizes projects, estimates project costs, determines available resources and, ultimately, submits a recommended program to the City Council.

CIP Management Committee is responsible for evaluating project requests in light of available resources and developing a financially balanced plan that addresses City Council goals and priorities. This group also ensures that projects are properly scoped and that the timing of projects is coordinated. Once complete, the city manager forwards the recommended Capital Improvement Program to the City Council for approval.



**A look at the new colonnade section from the outfield of the Peoria Sports Complex**

The Management and Budget Division coordinates the annual update of the 10-year CIP as part of the annual budget process. Division staff also forecast revenues for the various funds used to finance capital projects, and set the financial parameters for the development of the CIP. Capital projects originate in the operating departments, where subject matter experts identify needs based on master planning documents and other technical criteria.

Once project requests have been submitted and the financial parameters established, a preliminary plan is prepared for the review of the CIP Management Committee. This committee is made up of the deputy city managers and directors of city departments that have a significant stake in the delivery of capital projects (including Finance and Budget). The

FY 2020-2029 CIP BY FUNDING SOURCE		
Funding Source	10-Year Total	Pct. of Total
Enterprise – Operating	\$206,370,923	28%
G.O. Bonds	\$103,072,480	14%
Governmental - Operating	\$88,661,672	12%
Impact Fees	\$86,935,315	12%
Other Capital	\$15,600,898	2%
Outside Sources	\$21,149,359	3%
Revenue Bonds	\$127,246,405	18%
Transportation Sales Tax	\$77,304,276	11%
<b>Total</b>	<b>\$726,341,328</b>	<b>100%</b>

The following is an overview of the CIP process:

**September – October.** Operating departments identify projects, define project scopes, prepare cost estimates, and prioritize projects based on direction received from the city manager and City Council. Department directors review project requests before final submittal.

**November – December.** Capital project re-quests are submitted to the Management and Budget Division. Division staff use revenue forecasts and financial models to prepare a preliminary CIP.

**January – March.**

The CIP Management Committee meets to review the proposed plan, making adjustments as needed. Budget finalizes the recommended CIP for the consideration of the City Council.

**April – May.** The City Council receives the CIP and offers its recommendations during study sessions, then the City Council approves the Capital Improvement Program at one of its regular meetings, usually on the same day as the adoption of the Tentative Budget, and finally the City Council approves the Capital Improvement Program at one of its regular meetings, usually on the same day as the adoption of the Tentative Budget.



**Fire Station No. 3 was recently expanded to include an additional 1,800 square foot apparatus bay and related storage functions**

## Programming Projects in the CIP

Capital improvements are the “bricks and mortar” from which the City of Peoria delivers services to residents and businesses within its borders.

<b>FY 2020-2029 CIP BY PROJECT TYPE</b>		
<b>Project Type</b>	<b>10-Year Total</b>	<b>Pct. of Total</b>
Drainage	\$ 30,992,057	4%
Economic Development	\$ 12,818,264	2%
Operational Facilities	\$ 38,500,113	5%
Parks	\$ 87,629,486	12%
Public Safety	\$ 4,786,040	1%
Streets & Traffic Control	\$ 171,778,450	23%
Wastewater	\$ 142,007,671	20%
Water	\$ 237,829,247	33%
<b>Total</b>	<b>\$ 726,341,328</b>	<b>100%</b>

By preventing the deterioration of existing infrastructure and by adding new infrastructure in response to growth, capital improvements help to ensure that the city can continue to provide the level of service our customers have come to expect. Many different types of projects make up the Capital Improvement Program, including the following:

- Office buildings, police and fire stations, court facilities, libraries, and recreation centers.
- Parks, trails, open space, right-of-way landscaping, and sports facilities.
- Roads, bridges, sidewalks, street lights, traffic signals, and sound walls.
- Storm drains, channels, retention basins, and drywells.
- Water and wastewater treatment plants, pipes, storage facilities, and pump stations.

- Information technology infrastructure and major software applications.

Specific projects in these broad categories spring from long-range plans, City Council goals and priorities, and staff recommendations. Long-range planning is critical to ensuring a sustainable future for the City of Peoria. Planning efforts such as those encompassed by the City’s General Plan and the various master plans (for parks, trails, streets, water, wastewater, etc.) provide helpful guidance to departments in identifying and prioritizing capital projects. Specific sections of the General Plan, such as the Circulation Element, tie directly with the CIP, as do each of the master plans. As such, the CIP is one of the mechanisms by which long-range plans become reality.

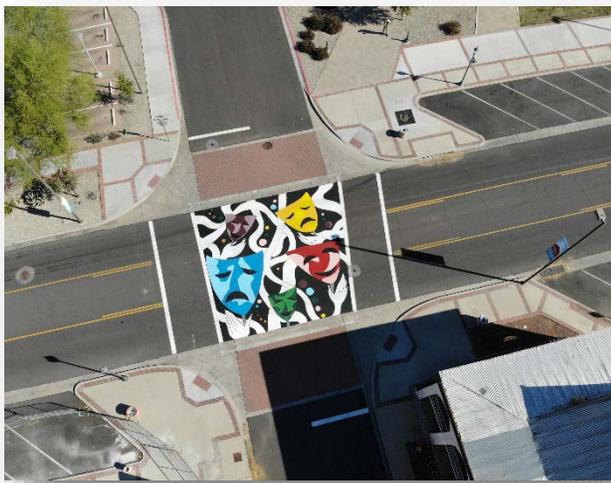
The goals and priorities of the City Council are another key source of capital projects. Many of the projects in the CIP, particularly those that benefit a specific neighborhood or area, come directly from the communication of concerned citizens with their elected representatives. The City Council’s Policy Goals provide near-term direction to city staff. The six livability initiatives for fiscal year 2020 are: (1) Superior Public Services, (2) Economic Competitiveness, (3) Healthy Neighborhoods, (4) Efficient Transportation, (5) Arts, Culture and Recreation, and (6) Smart Growth.

The CIP includes major investments in parks, roadways, public safety facilities, and water and sewer infrastructure. This includes funding for the construction of several major projects already underway, including the expansion of the Pyramid Peak Water Treatment Plant, the Happy Valley Road Widening between Lake Pleasant Parkway and the Agua Fria River, Paloma Community Park, and a new neighborhood park in the Meadows subdivision. Notable new projects to the CIP this year include bus stops for the new circulator route, a storage building for the Peoria Center for the Performing Arts, a

planned replacement of the aging fleet building, a new operations building at the Jomax WRF, and expansion of reclaimed water infrastructure in northern Peoria.

In addition, the FY 2020 CIP aims to launch the newly created **Neighborhood Parks Refresh Program**, which aims to restore City maintained neighborhood parks through landscape renovation and repair/replace the irrigation system. FY 2020 will focus on Alta Vista Park and Deer Village.

Continuation of the successful **Community Works Program**, which provides funding for projects that have a local benefit or that may arise during the fiscal year but are not identified in the capital budget.



**Artwork displays vividly in Old Town Peoria intersections**

**Old Town Identity Creation** contemplates design and construction of identity creation improvements for Old Town, including primary entry identification signage, wayfinding signage, landscaping, pedestrian and/or visibility enhancements.

**The Pedestrian and Shade Initiative** will recommend ways to address non-motorized safety issues and create safer, better connected walking networks. The plan will also recommend ways to improve thermal comfort in Peoria

through such means as trees, other vegetation, and structures. These findings are especially relevant as rapid and extensive urbanization has led to an urban heat island along arterial streets and further defined along bus routes.



**Placemaking in Old Town Peoria provides a shaded space for residents to enjoy a cup of coffee**

**Improvements to Country Meadows Park in the Pine District.** This project entails the update of park amenities that will be determined through a public input process. A design professional will be chosen to assist the City in facilitating public meeting(s) and preparing visuals of amenity alternatives. Amenities at Country Meadows Park could include an airnasium, dog park, or skate plaza. The design and public input of the project is scheduled for January 2020.

Construction of **Paloma Community Park** is underway in the northern portion of the City with Phase 1 programmed for completion in FY-2020 and a second phase in FY 2021, FY 2022 and FY2023.

The **Trailhead at Vistancia** will construct a trailhead near White Peak Mountain to provide access to mountain hiking trails. Amenities will include parking, restroom, picnic shelters, benches, drinking fountain, bike racks, signage, shade and landscaping.

The City plans to partner with the City of Glendale to expand Peoria’s treatment capacity at the **Pyramid Peak Water Treatment Plant**

by an additional 13 million gallons per day. Additional treatment capacity at the plant and the additional facilities to support the delivery of additional capacity will provide service to planned growth areas in the northern areas of Peoria.

The City will expand its **Groundwater Recharge Well** infrastructure near the Butler WRF to allow additional storage of treated effluent. Underground storage allows the City to increase future groundwater supplies that may be needed in times of shortage.

**Inspection and rehabilitation of trunk sewer lines** around the city to ensure continuous and reliable service.

The City will **Rehabilitate And Upgrade Well Production Sites** to address reliability and water quality issues as these facilities age. The City will also upgrade sites with new technologies as appropriate, allowing the system to continue to operate reliably providing redundancy, and ensuring water quality.

The **Skunk Creek Multi-Use Path** project will provide missing connections to the city of Glendale (at 73rd Avenue) and crucial connections into the **Peoria Sports Complex and P83 Entertainment District**.

The Regional Transportation Plan supports a **Transit Center** to serve the anticipated convergence of three bus lines thru Peoria; the Grand Avenue Limited, the 83<sup>rd</sup> Avenue Line and the Peoria Line, along with a **Park and Ride** facility that may be directly linked to the transit center.

Replacement and/or upgrades to critical **Communication and Information Technology Infrastructure** are all addressed in this plan.

**Widening Happy Valley Parkway** over the Agua Fria from Lake Pleasant Parkway to the west end of the bridge over the Agua Fria River. This will include the widening of the bridge, striping and signage, street lighting, ADA ramps, landscape and irrigation.



**Rendering of the future park & ride in Old Town Peoria**

Development in the north and northwest portions of the city will require that additional treatment capacity be added at both the **Beardsley and Jomax Wastewater Reclamation Facilities (WRFs)**.

The City will continue the multi-year **Water Meter Replacement Program** to replace aging customer water meters that have reached the end of their useful lives. As part of the transmission system's maintenance, the City will replace and/or rehabilitate waterlines that have been identified as being at risk of failure.

### **Impacts on the Operating Budget**

The Capital Improvement Program has direct and sometimes significant impacts on Peoria's operating budget. Upon their completion, most capital projects require ongoing costs for operation and maintenance. New buildings require electricity, water and sewer service, and maintenance and repair. New roads require regular sweeping as well as periodic crack filling and sealing, patching, milling, minor resurfacing, and replacement of stripes and markings. New parks and landscaped rights of way (such as medians and streets shoulders) require irrigation, fertilizing, mowing, and trimming. Some projects, such as a recreation center, require additional employees.

Departments submitting capital projects estimate the operations and maintenance costs of each project based on cost guidelines that are updated each year. The departments also consider any additional revenues or savings the city can reasonably expect to recognize upon completion of the project. For example, membership fees from a new recreation center help to offset the increased operating costs. The net operating costs are included not only in the project request, but also in the long-range forecasts of the respective funds, to ensure that we properly account for operating budget impacts of all capital projects.



A beautiful rainbow appears over the Peoria Sports Complex

<b>OPERATING IMPACTS BY PROJECT TYPE</b>					
<b>Project Type</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>
Drainage	\$58,911	\$112,911	\$132,911	\$132,911	\$179,511
Operational Facilities	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Parks	\$1,641,753	\$1,651,865	\$1,760,137	\$2,237,610	\$2,338,715
Public Safety	\$25,000	\$34,300	\$68,340	\$68,340	\$38,340
Streets & Traffic Control	\$400,598	\$414,038	\$535,908	\$624,368	\$556,908
Water & Wastewater	\$60,380	\$60,380	\$65,380	\$295,513	\$295,513
<b>Total</b>	<b>\$2,226,642</b>	<b>\$2,313,494</b>	<b>\$2,602,676</b>	<b>\$3,398,742</b>	<b>\$3,478,987</b>

# Financing the CIP

The Capital Improvement Program for fiscal years 2020-2029 is a \$726 million investment in 211 different capital projects over the next 10 years. The program represents a significant investment of city resources in infrastructure, facilities, and recreational assets, and is designed to address the highest priority needs of the community. It is both financially feasible and can be accomplished within the suggested time frame.

The 10-year plan relies on several major revenue sources to finance capital projects. The use of these funding sources is governed not only by federal and state law, but also by the city's own *Principals of Sound Financial Management*. Funding for many of the projects in the CIP comes from more than one source. For example, a single roadway project might be funded with general obligation bonds, impact fees, transportation sales tax, and federal transportation funds.

The amount of revenue available for allocation to projects in the CIP each year is based on financial projections by staff in the Management and Budget Division. To develop these projections, staff vigilantly monitors and analyzes retail sales figures, construction (development) activity, residential and commercial property values, water and wastewater usage, state revenues, interest rates, and local and national economic trends. Much of the work involved in the development of the CIP involves matching identified project needs (and the associated costs) with available funding sources. The major sources used to pay for capital projects in the CIP are discussed below.



**General obligation bonds helped pay for Pioneer Community Park, which opened for play in fall 2013**

## General Obligation Bonds

General Obligation (G.O.) Bonds are a common method used to raise revenues for large-scale municipal projects. G.O. bonds are backed by the full faith and credit of the city, meaning that they are guaranteed by the full taxing power of the city. Peoria only issues debt for projects when it truly makes sense to do so. This is determined by a number of different criteria, including the following:

- The useful life of the project will not exceed the term of the bond (usually 20 years).
- Pay-as-you-go financing is either not available or not sufficient to fund the project. (Pay-as-you-go financing refers to cash-based sources such as operating revenues and impact fees.)
- The project will benefit future residents of Peoria, so the use of pay-as-you-go financing will unfairly burden current residents.



**The water splash ground is a popular amenity at the new Camino a Lago Park**

In Peoria, G.O. bonds are backed by the city's property tax collections. Beginning in 1980, state law mandated the separation of city property taxes into two components: the primary tax levy and the secondary levy. The primary levy may be imposed for any governmental purpose, but has strict limitations on how much can be levied. The secondary levy may only be used to retire the principal and interest on G.O. bonds issued by the city. As a result, it is the secondary levy that is used to finance many of Peoria's capital projects.

**Debt Policies.** The *Principles of Sound Financial Management* include policies governing the use of property-tax supported bonds:

- Tax supported bonds are bonds for which funds used to make annual debt service expenditures are derived from ad valorem (property) tax revenue of the city (11.07a).
- The target for the maturity of general obligation bonds will typically be between 20 and 30 years. The target for the “average weighted maturities” for general obligation bonds of the city will be 12.5 years (11.07b).
- Generally, the city will structure general obligation bond issues to create level debt service payments over the life of the issue (11.07c).
- Debt supported by the city's general fund will not exceed 10 percent of the annual general fund revenues (11.07d).
- Secondary property tax rates will be determined each year as part of the budgetary process (pursuant to state law) to pay the necessary debt service payments of general obligation bonds currently outstanding or expected to be issued within the fiscal year (11.07e).
- In accordance with requirements of the State of Arizona Constitution, total bonded debt will not exceed the 20 percent limitation and 6 percent limitation of the total secondary assessed valuation of taxable property in the city (11.07f).
- Reserve funds, when required, will be provided to adequately meet debt service requirements in subsequent years (11.07g).
- Interest earnings on bond fund balances will only be used to pay debt service on the bonds unless otherwise committed for other uses or purposes of the project (11.07h).
- The term of any bond will not exceed the useful life of the capital project/facility or equipment for which borrowing is intended (11.07i).

**Assessed Valuation.** As mentioned above, it is the secondary levy that is used to pay the principal and interest on general obligation bonds. The secondary assessed value of a property is calculated by multiplying that property’s full cash value, as determined by the county assessor, by an assessment ratio (varies by property class). Thus, Peoria’s secondary assessed valuation is the sum of the secondary assessed valuation of all properties within the incorporated area of Peoria. The city’s secondary property tax levy, then, is the secondary assessed valuation multiplied by the secondary property tax rate, which is \$1.15 per \$100 of assessed valuation. For FY 2020, Peoria’s secondary assessed valuation is \$1.6 billion and the secondary levy is \$17.9 million.

The secondary property tax is unlimited in that a city may levy the amount necessary to meet its debt service obligations. However, in November 2012 Arizona voters approved Proposition 117, which caps the growth of the secondary assessed valuation to five percent over the previous year’s amount. This means that the city would have to raise its secondary property tax rate if the growth in assessed valuation were insufficient to meet its debt service obligations using the existing rate. Fortunately, despite this new limit on the secondary assessed valuation, the city is still in a position to meet its needs with the existing rate for the foreseeable future.

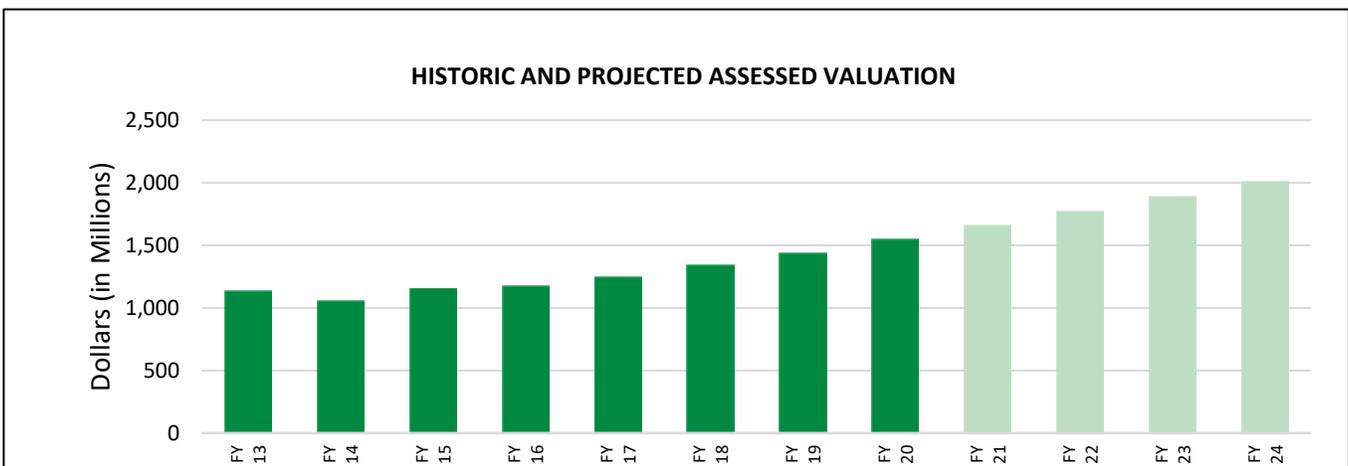
**General Obligation Debt Limitations.** The Arizona Constitution limits a city’s bonded



**A welcoming rest station along the New River Trail**

indebtedness (outstanding principal) to 20 percent or six percent of its secondary assessed valuation, depending on the type of project involved. Projects in the 20 percent category include water, sewer, drainage, artificial lighting, open space preserves, parks, playgrounds and recreational facilities, public safety and emergency services facilities, and streets and transportation. Projects in the six percent category include economic development, historic preservation and cultural facilities, general government facilities, and libraries.

The table on the next page shows the city’s estimated constitutional debt limitation as of June 30, 2019. The city sold \$33.1 million in new bonds in May 2019 and received a \$6.2 million loan from Water Infrastructure Finance Authority of Arizona (WIFA) in April 2019. Available capacity in the 20 percent category is now \$161 million, while available capacity in the six percent category is now \$90 million.



<b>CONSTITUTIONAL DEBT LIMITATION</b>			
<b>As of June 30, 2019</b>			
<b>20% Bonds</b>		<b>6% Bonds</b>	
Secondary Assessed Valuation	\$1,556,834,972	Secondary Assessed Valuation	\$1,556,834,972
Allowable 20% Debt Capacity	\$311,366,944	Allowable 6% Debt Capacity	\$94,410,098
Less 20% Bonds Outstanding	<u>(\$150,427,550)</u>	Less 6% Bonds Outstanding	<u>(\$4,769,523)</u>
Unused 20% Debt Capacity	<b>\$160,939,394</b>	Unused 6% Debt Capacity	<b>\$89,640,575</b>



**An inviting trail takes a shady turn under El Mirage Road in Northern Peoria**

**Voter Authorization.** Regardless of whether or not the city has available revenues or constitutional capacity to issue and pay for new bonds, the city must have authorization from the voters through a citywide bond referendum in order to issue G.O. bonds for capital projects. Peoria voters have authorized the use of bonds for various capital needs in bond elections held in 1985, March 1990, September 1994, September 1996, September 2000, May 2005, and November 2008. In the most recent bond election, held November 4, 2008, voters authorized the use of \$378 million in bonds in three categories: Streets, Bridges, Traffic Control and Transportation, and Drainage (\$277 million); Public Safety, Technology, and Municipal Operations (\$60 million); and Parks, Recreation, and Trails (\$41 million).

Bond sale proceeds must be used for the purposes specified in the bond election publicity pamphlet and ballot. Unspent bond proceeds in one category may be used to pay for projects in that same category, but may not be used to pay for projects in another category. The city takes very seriously its responsibility to properly apply voter authorization, and has systems in place to track the use of voter authorization.

**Property Tax Rate.** This 10-year plan was developed to comply with House Bill 2011 (HB2011). Passed in April 2017, HB2011 restricts Arizona municipalities' ability to levy annual property taxes for debt service and caps their debt service reserves at 10 percent of the current year's General Obligation (G.O.) bonds principal and interest payments. Peoria has managed its secondary levy to ensure the ability to meet its G.O. bonds principal and interest payments without causing spikes in the property tax rates year to year.

In Fiscal Year 2020, Peoria will levy a \$0.29 primary property tax rate and \$1.15 secondary property tax rate per \$100 of assessed valuation.

Schedule 8 in the Annual Program Budget for FY 2020 shows the original issue amount,

outstanding principal amount, and debt service requirements for the city's general obligation bonds.

## Revenue Bonds

The city uses revenue bonds to support major capital improvements in its water and wastewater systems. Revenue bonds are secured by water and wastewater utility rate revenues rather than the full faith and credit of the city. As such, revenue bonds typically carry a slightly higher interest rate than general obligation bonds. Like G.O. bonds, revenue bond-funded projects can only be undertaken if they have voter authorization from a citywide bond referendum.

There are no legal or statutory limits on the amount of revenue bonds that may be issued. However, there are other constraints that limit the amount of revenue bonds that city can sell.

For example, the issue will be required to have a debt coverage ratio of at least 1.25, which means that the projected net revenues from the project must be at least 125 percent of the highest maximum debt service requirement on outstanding bonds plus the debt service on new bonds to be issued. In addition, each of the outstanding bond issues must have a debt service reserve requirement sufficient to cover at least one year of debt service.

Included under revenue bonds, though technically not "bonds" at all, are loan agreements with WIFA. WIFA is a program created by the State of Arizona, pursuant to federal regulations regarding water pollution and safe drinking water law, to provide financing to local communities for water and wastewater projects. Like revenue bonds, these loan agreements are backed by water and wastewater utility rate revenues. Most recently, the city entered into a loan agreement with WIFA to finance the expansion of the Pyramid Peak Water Treatment Plant.

## Municipal Development Authority Bonds

For certain projects, the city uses bonds issued by the non-profit Peoria Municipal Development Authority to pay for capital improvements. MDA bonds are secured by the city's excise tax and other undesignated revenues. The use of property taxes for this purpose is specifically prohibited. MDA bonds typically carry a higher interest rate than general obligation bonds, but they are advantageous in that they are not subject to constitutional debt limits or coverage ratios and they do not require voter approval.



**The newly renovated Seattle Mariners' clubhouse is being financed with MDA bonds**

Under this method of financing, the city acquires the desired facilities from the non-profit corporation by means of a lease-purchase contract. The MDA issues its own bonds to obtain the funds necessary for the construction of the facilities. The facilities financed with the MDA bonds are then leased to the city for lease-rental payments that mirror the semi-annual interest and principal payments on the bonds.

The Peoria Municipal Development Authority has issued bonds three times since 2006. Most recently, in July 2012, the Peoria MDA issued \$35.5 million in MDA bonds to finance clubhouse and stadium improvements at the Peoria Sports Complex. In March 2006, the MDA issued \$6.7 million in bonds to finance the

construction of the Peoria Center for the Performing Arts. These bonds are being repaid with the city's half-cent sales tax revenues and, in the case of the theater, with the one percent charge to capital projects for public art. In February 2008, the MDA issued \$47 million for the construction of the missing segment of Happy Valley Road from 91st Avenue to Terramar Boulevard and for the widening of 83rd Avenue from Williams Road to Calle Lejos. These bonds are being repaid with the city's transportation sales tax revenues.

## Development Impact Fees

A development impact fee is a charge on new development to pay for the construction or expansion of off-site capital improvements that are necessitated by and benefit the new development. Impact fees, which are collected when building permits are issued for a given project, cannot be used for operations, maintenance, or repair of existing facilities. The City of Peoria assesses impact fees for transportation, law enforcement, fire protection, water expansion, wastewater expansion and water resources.

Impact fees are an important source of revenue for the capital program, and help to ensure that residential and commercial growth in Peoria helps pay for a portion of the Capital Improvement required to support new growth in the City. Impact fee revenues are subject to fluctuations in economic and market forces. As such, staff regularly updates forecasts of impact fee revenues and the associated fund balance models to reflect the most current economic and development information.

## Operating Fund Revenues

Where possible, the city uses available cash, or “Pay-As-You-Go” funding, to pay for capital projects. Pay-As-You-Go funding comes from several operating funds, including the general fund, the water and wastewater utility funds, and the streets fund. Each year, the city identifies one-time, non-recurring revenues from these funds that can be used to support capital needs. The amount available in these funds for capital projects is limited, however, because of the uncertainty of available revenues and the need to support ongoing operations.

The city’s half-cent sales tax fund also can be used to support capital projects, provided that such projects are consistent with the City Council policy governing the use of revenues from this tax. A variety of economic development projects have been supported by this revenue source over the years.



**The expansion of the Pinnacle Peak Public Safety Facility was financed with development impact fees**

## Grant and Intergovernmental Revenues

City departments aggressively pursue grants and other outside funding sources to help support capital projects. The city frequently shares the costs of capital projects with neighboring cities, the Flood Control District of Maricopa County (FCDMC), the Maricopa County Department of Transportation (MCDOT), the Arizona Department of Transportation (ADOT), and other agencies. The Development and Engineering, Public Works, Water Services, and



**Federal dollars paid for much of the Beardsley Road Connector project, which provides enhanced freeway access for residents living in the northern reaches of Peoria**

Intergovernmental Affairs departments work closely with the Maricopa Association of Governments (MAG), the Water and Infrastructure Financing Authority of Arizona (WIFA), and other agencies to secure pass-through federal funds, low-interest loans, and other favorable funding sources for capital projects.

In fact, Peoria has been very successful in securing or advancing outside funding for transportation projects. Administered through ADOT, the improvements at 75<sup>th</sup> Avenue and Cactus Road and Peoria Avenue intersections were largely funded by the Highway Safety Improvement Program (HSIP) totaling \$11.3 million. In addition, Federal Congestion Mitigation and Air Quality (CMAQ) money paid for nearly 100 percent of the construction costs for new sidewalk and bike lanes along 83<sup>rd</sup> Avenue from Happy Valley Road to Jomax Road.

The city also has received significant outside dollars for transit projects. Managed through the Regional Public Transportation Agency (RPTA or Valley Metro), the Peoria Park and Ride was awarded \$3.1 million by the Federal Transit Administration. Moreover, Peoria received an additional \$6.2 million recently in reduced-interest WIFA loans for the ongoing expansion of the Pyramid Peak Water Treatment Plant.

## Transportation Sales Tax

In 2004, the City Council appointed a 23-member Citizen Transportation Committee to evaluate Peoria's future transportation requirements and consider the various alternatives for funding these improvements. Based on its review, the committee put forward a recommendation to the City Council to increase the city sales tax by three-tenths of a percent to pay for transportation needs. The City Council referred this recommendation to the voters, who, on September 13, 2005, approved Proposition 300 increasing the city sales tax for transportation purposes.

Transportation sales tax (TST) revenues are deposited into a separate fund from which expenditures are made for various transportation purposes. Consistent with the Citizen Transportation Committee's original recommendation, the city earmarks in its forecasts each year \$1.5 million for a transit circulator, \$1.4 million for transit operations, and \$400,000 for operational support. Any unspent monies in these three areas are allocated to street capital projects, along with the balance of revenues collected. The transportation sales tax fund also pays the debt service on the MDA bonds issued for the construction of Happy Valley Road and the widening of 83rd Avenue widening from Williams to Calle Lejos, which is approximately \$4 million per year.

Major projects completed to date using primarily transportation sales tax revenues include Paradise Lane right-turn lane improvements, 103<sup>rd</sup> Avenue from Northern Avenue to Olive Avenue, and 83<sup>rd</sup> Avenue Sidewalks and Bike Lanes. Upcoming projects being primarily funded utilizing TST are Jomax Road from Loop 303 to Vistancia Boulevard, 67<sup>th</sup> Avenue, 75<sup>th</sup> Avenue and 91<sup>st</sup> Avenue Landscape Enhancements, installation of CCTV equipment citywide, and future bus stop improvements. Other projects that have been funded at least partially with this source include the Northern Parkway, Deer

Valley Road from 109<sup>th</sup> Avenue to Lake Pleasant Parkway, and Peoria Avenue Bus Stop Improvements. This fund also supports a number of ongoing programs, including the Traffic Signal Program, Traffic Signal Interconnect Program, Residential Roads Rehabilitation and Preservation Program and Bridge Maintenance Program.



**The city was reimbursed almost \$21 million for its Happy Valley Road project through Maricopa County's Arterial Life Cycle Program**

## County Transportation Sales Tax (Prop. 400 Reimbursements)

On November 2, 2004, Maricopa County voters approved Proposition 400, which authorized a 20-year continuation of the half-cent sales tax for transportation projects. By state law, use of the revenues from this sales tax must be consistent with the Regional Transportation Plan (RTP) adopted by the Maricopa Association of Governments (MAG) Regional Council on November 25, 2003. The RTP provides a blueprint for future transportation investments in the region through FY 2026, including freeways and other routes on the state highway system, major arterial streets and intersection improvements, and public transit systems.

To receive disbursements of county transportation sales tax through the ALCP, a city must first expend its own sources on an eligible project and then request reimbursement up to 70 percent of those expenditures. To date, Peoria has received \$86.4 million in ALCP reimbursements for the following projects: Lake Pleasant Parkway (\$42.67 million), Happy Valley Road (\$20.63 million), 75th Avenue and Thunderbird Road Intersection Improvements (\$1.89 million), Beardsley Rd from the Loop 101 to 83rd Ave & Lake Pleasant Parkway (\$6.13 million), the Loop 101 Beardsley Road to Union Hills Drive (\$10.85 million), 83rd Avenue from Butler Drive to Mountain View Road (\$3.23 million), and Happy Valley Road from Lake Pleasant Parkway to Loop 303 (\$0.95 million). Since most of these projects were constructed in advance of the scheduled reimbursements, the city has allocated these reimbursement dollars toward other capital projects that would have used the same sources for which the original projects were reimbursed.



**Along 83<sup>rd</sup> Avenue, an inviting entry monument welcomes Peoria citizens and visitors**

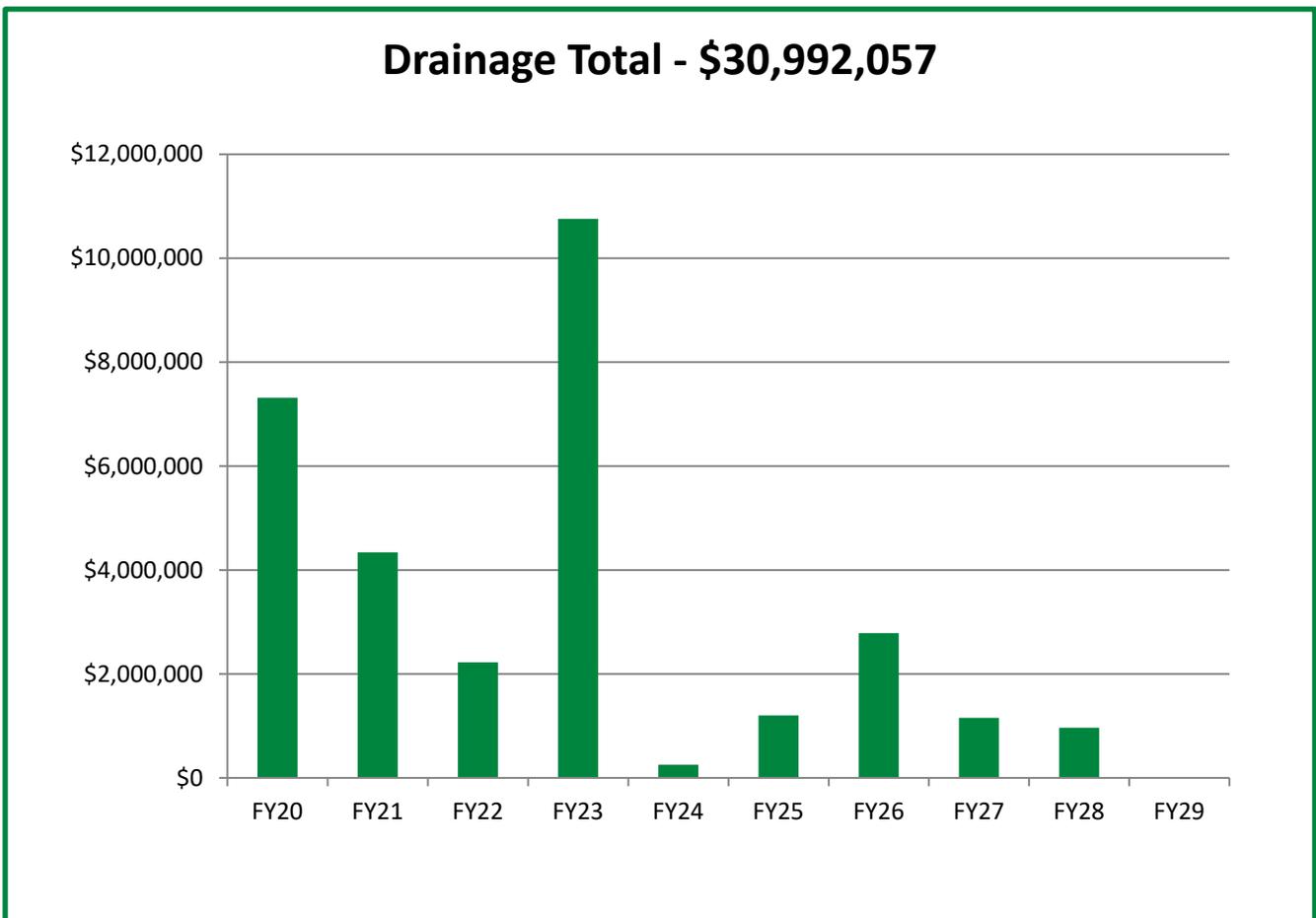


# Drainage

Storm water flows through the City of Peoria typically from the northeast to the southwest. As development occurs, the additional impervious surface area impacts the effective drainage of these flows, driving the need for drainage infrastructure. The city partners with the development community to ensure that onsite drainage issues are addressed during the development process. The city’s Capital Improvement Program addresses regional drainage issues through the drainage projects contained herein.

Drainage projects in the Capital Improvement Program are typically funded from General Obligation Bonds, with additional funding

provided by such outside sources as the Flood Control District of Maricopa County. The city partnered with FCDMC recently in the initial study of 67<sup>th</sup> Avenue from Happy Valley to Pinnacle Peak Road as a response to the regional storm drainage plan to provide a 100-Year level of drainage protection in the area. Drainage projects in the 10-year program include a project to mitigate the impact of storm water on Union Hills Drive, particularly at the intersection with 107th Avenue, and continuation of funding for the Neighborhood Drainage program to identify areas with minor drainage issues and provide for the investigation, evaluation and, where appropriate, implementation of drainage solutions.



## Drainage

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
67th & Pinnacle Pk Regional Drainage Improvements	22	\$0	\$1,628,000	\$2,223,250	\$10,756,860	\$0	\$0	<b>\$14,608,110</b>
91st Av & Hatfield Rd Drainage Facilities	23	\$100,000	\$0	\$0	\$0	\$0	\$1,203,900	<b>\$1,303,900</b>
Bedford Village Units 1 and 2 Basin Upgrades	24	\$0	\$0	\$0	\$0	\$171,000	\$801,000	<b>\$972,000</b>
Greenway Channel Repairs	25	\$0	\$0	\$0	\$0	\$0	\$1,083,750	<b>\$1,083,750</b>
Neighborhood Drainage Program	26	\$496,535	\$0	\$0	\$0	\$0	\$0	<b>\$496,535</b>
New River & Jomax Rd Concrete Box Culvert	27	\$0	\$0	\$0	\$0	\$82,000	\$3,017,300	<b>\$3,099,300</b>
Olive Av & 99th Av - Storm Drain Outfall Repair	28	\$120,000	\$962,200	\$0	\$0	\$0	\$0	<b>\$1,082,200</b>
Pinnacle Peak Drainage; 87th Ave to 91st Ave	29	\$160,000	\$0	\$0	\$0	\$0	\$0	<b>\$160,000</b>
Section 12 Neighborhood Drainage Improvements	30	\$5,687,583	\$0	\$0	\$0	\$0	\$0	<b>\$5,687,583</b>
Skunk Creek Spillways	31	\$250,000	\$0	\$0	\$0	\$0	\$0	<b>\$250,000</b>
Storm Drain Land Preservation - Land Preservation	32	\$0	\$603,000	\$0	\$0	\$0	\$0	<b>\$603,000</b>
Union Hills Channel	33	\$500,000	\$1,145,679	\$0	\$0	\$0	\$0	<b>\$1,645,679</b>
<b>Total - Drainage</b>		<b>\$7,314,118</b>	<b>\$4,338,879</b>	<b>\$2,223,250</b>	<b>\$10,756,860</b>	<b>\$253,000</b>	<b>\$6,105,950</b>	<b>\$30,992,057</b>

# Drainage

## Summary by Funding Source

Fund Number and Name	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
2272 - WIFA Loan	\$5,687,583	\$0	\$0	\$0	\$0	\$0	\$5,687,583
4253 - GO Bonds 2019	\$310,000	\$0	\$0	\$0	\$0	\$0	\$310,000
4254 - Future GO Bonds	\$1,316,535	\$3,538,879	\$1,123,250	\$4,856,860	\$212,000	\$4,597,300	\$15,644,824
4810 - Outside Sources	\$0	\$800,000	\$1,100,000	\$5,900,000	\$0	\$0	\$7,800,000
7003 - DIF - Streets	\$0	\$0	\$0	\$0	\$41,000	\$1,508,650	\$1,549,650
<b>Total - Drainage</b>	<b>\$7,314,118</b>	<b>\$4,338,879</b>	<b>\$2,223,250</b>	<b>\$10,756,860</b>	<b>\$253,000</b>	<b>\$6,105,950</b>	<b>\$30,992,057</b>

## 67th & Pinnacle Pk Regional Drainage Improvements

**Project Number:** EN00651    **Project Location:** 67th Av & Pinnacle Pk Rd

**Description:**

This project provides for the 67th Avenue & Pinnacle Peak Road Regional Storm Drain improvements. The project includes coordination with the Flood Control District of Maricopa County (FCDMC), design, right-of-way and land acquisition, utility coordination, utility relocation and extensions, as determined, materials testing, construction and construction administration for a regional storm drain system as conceptualized by the 2017 Drainage Study. The improvements may consist of storm water basins, channel improvements, box culverts, storm drains, laterals and catch basins which are an extension of the overall drainage system. The City will partner with FCDMC on the regional drainage aspects of this project. This project will likely include processing of utility agreements (APS, Cox, CenturyLink, SRP, SWG, etc.) for design and construction, and development and intergovernmental agreements.



**Justification:**

67th Avenue and Pinnacle Peak Road Drainage Project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (ADMP) which is a regional storm drainage plan. Each element proposed in the ADMP is essential to the proper function of the storm drainage system. The study and design of the near term solution are in progress. The proposed solutions will make use of the near term and regional drainage solutions to work together to provide a 100-Year level of drainage protection to the area. There will be future agreements for final design and construction with FCDMC. This project will be coordinated with EN00119 - Near Term Drainage Solutions, EN00100 - 67th Av; Pinnacle Pk Rd to HVR Street Improvements, and UT00440 - 16" water line/67th Av and Pinnacle Pk Rd.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds	Base	\$0	\$8,000	\$11,000	\$46,670	\$0	\$0	\$0	\$0	\$0	\$0	\$65,670
CB-Chargebac	Future GO Bonds	Base	\$0	\$20,000	\$12,250	\$143,190	\$0	\$0	\$0	\$0	\$0	\$0	\$175,440
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$1,100,000	\$4,667,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,767,000
DS-Design	Future GO Bonds	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
CO-Construct	Outside Sources	Base	\$0	\$0	\$1,100,000	\$5,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000,000
DS-Design	Outside Sources	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$1,628,000</b>	<b>\$2,223,250</b>	<b>\$10,756,860</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,608,110</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$210,000</b>						
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## 91st Av & Hatfield Rd Drainage Facilities

**Project Number:** EN00631    **Project Location:** 91st Av & Hatfield Rd

**Description:**

This project provides for the coordination with SRP, adjacent property owners, public involvement, study, design, right-of-way acquisition, utility coordination, construction, and construction administration for the update of the Glendale/Peoria Area Drainage Master Plan (ADMP) and for the construction of the proposed retention basin and associated drainage improvements located at the northwest corner of 91st Avenue and Hatfield Road. The improvements will include: clearing and grubbing, excavation and construction of a retention basin in accordance with SRP design guidelines, area inlets, storm drain pipe, trench drains, desert and a landscape palate. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development agreements, and intergovernmental agreements.



**Justification:**

The City has received a number of complaints regarding storm run-off sheet flowing from 91st Avenue and across Hatfield Road which is impacting the homes along the south side of Hatfield Road west of 91st Avenue. The Glendale/Peoria Area Drainage Master Plan recommends the construction of a detention basin near 91st Avenue and Pinnacle Peak Road. As a result, staff is recommending that the detention basin be relocated to the 91st Avenue and Hatfield Road area. This project will collect storm run-off from 91st Avenue and the area north of Hatfield Road and provide protection to the homes downstream.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$1,200	\$0	\$9,700	\$0	\$0	\$10,900
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$37,000	\$11,000	\$55,000	\$0	\$0	\$103,000
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$970,000	\$0	\$0	\$970,000
DS-Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000
SY-Study	Future GO Bonds Base		\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$158,200</b>	<b>\$11,000</b>	<b>\$1,034,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,303,900</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$11,000</b>	<b>\$11,000</b>	<b>\$22,000</b>									
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## Bedford Village Units 1 and 2 Basin Upgrades

**Project Number:** EN00682    **Project Location:** Bedford Village Units 1 and 2 Basins

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, study, design, utility coordination, utility relocation, construction and construction administration for the Bedford Village Unit 1 and Bedford Village 2 storm water basin improvements. The improvements include: reconstructing the outfall of the Bedford Village Unit 1 basin, constructing a parallel storm drain bleed-off from 82nd Avenue to 83rd Avenue, constructing a bleed-off connection to the Bedford Village 2 basin, cleaning the existing drywell, installing new drywells, reconstructing spillways, modifying perimeter walls, regrading basins, as needed, and refreshing the landscape in both basins. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

Bedford Village Unit 1 and Bedford Village 2 subdivisions were constructed in 1985. The basins were sized in accordance with the storm drain design standards adopted by the City at that time. During major storm events, the run-off exceeds the capacity of the basin and run-off ponds in 82nd Avenue. Although the Bedford Village 6" bleed-off pipe is functional, it does not drain the basin adequately to keep up with the run-off entering the basin. This project will conduct a study to determine whether the bleed-off pipe can be upsized or a parallel bleed-off is needed, determine whether additional drywells are needed, evaluate the need for a flood wall along the south and west sides of the basin, provide a bleed-off to the Bedford Village Unit 2 basin, upgrade the spillways, and refresh the landscape.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$1,000	\$7,713	\$0	\$0	\$0	\$0	\$8,713
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$20,000	\$22,000	\$0	\$0	\$0	\$0	\$42,000
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$771,287	\$0	\$0	\$0	\$0	\$771,287
DS-Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SY-Study	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171,000</b>	<b>\$801,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$972,000</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$80,000</b>									
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## Greenway Channel Repairs

**Project Number:** EN00681    **Project Location:** West Side and South Side of S03T04NR01E

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, construction and construction administration for the rehabilitation of the existing Greenway channel by employing several construction methods depending on need and location. Numerous areas of the Greenway channel do not drain causing ponding and subsequent vector problems which pose a health concern. The project will employ various fixes such as removing the non-draining areas and replacing the rebar reinforced shotcrete hence, allowing for positive flow. Other areas will be allowed to drain by the use of installing a low flow channel. Other areas of the channel's rebar reinforced shotcrete are cracked or non-existent, and at these locations the existing cracked shotcrete will be removed and new rebar reinforced shotcrete will be installed. Sufficient expansion and contraction joints will be installed to reduce the possibility of future cracking. Currently, the Greenway channel has three drop structures which does not allow for the safe passage of maintenance equipment along the bottom of the channel. At these locations, concrete ramps will be installed allowing for safe passage without changing the hydraulic characteristics of the channel. Currently, there is no safe access from the top of the channel to the bottom of the channel, so the project will install two access ramps where personnel and equipment can safely travel down to the bottom of the channel. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The Greenway Channel was constructed in 1991 as part of a cost share project between the City of Peoria and the Flood Control District of Maricopa County (FCDMC). During the past 27 years, the lining of the channel has deteriorated and settled, causing run-off to flow slowly and in some cases, pond. The channel is in need of repair/rehabilitation. A substantial amount of water ponds in several areas of the channel. Based upon the depth of water and amount of ponded water, the water does not evaporate within the required 36 hour timeframe, providing a breeding ground for mosquitos. Mosquitos carry numerous diseases including; Chagas, Chikungunya, Dengue, Lyme Disease, Malaria, Rocky Mountain Spotted Fever, St. Louis Encephalitis, West Nile Virus and the Zika Virus. In addition, the Greenway channel is one of the City's major drainage channels that protects residents' health and welfare. It is imperative to have a channel that is maintained and safe for personnel to access. Timely repairs will eliminate very costly future repairs.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$9,250	\$0	\$10,250
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,500	\$30,000	\$0	\$48,500
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$925,000	\$0	\$925,000
DS-Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$119,500</b>	<b>\$964,250</b>	<b>\$0</b>	<b>\$1,083,750</b>						

## Neighborhood Drainage Program

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**Project Number:** EN00458    **Project Location:** Citywide

**Description:**

This program will identify areas with minor drainage issues and provide for the investigation and evaluation of drainage solutions, coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation and extensions, as determined, materials testing, construction and construction administration. The improvements may include, but are not limited to, installing drywells, connecting pipes and inlets to the adjacent storm drain systems, re-grading to improve the function of the storm water system or modifying connector pipes and inlets, and restoring landscape and irrigation systems, as needed. Processing of utility agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) and intergovernmental agreements may also be required.



**Justification:**

This new program will address drainage issues throughout the storm drainage system. The success of the drywell program is apparent, since there have recently been new drainage issue candidate areas, which staff will assemble into combined or separate project tasks. The intent of the former drywell program will continue through this redefined program, with a more flexible approach to varied solutions, where specifically a drywell would not be necessary or appropriate.

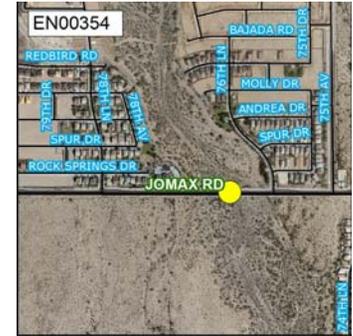
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds	Base	\$346,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$346,535
CO-Construct	GO Bonds 2019	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$496,535</b>	<b>\$0</b>	<b>\$496,535</b>								

## New River & Jomax Rd Concrete Box Culvert

**Project Number:** EN00354    **Project Location:** New River and Jomax Rd

**Description:**

The project is for the hydrologic study, design, coordination with adjacent property owners, public involvement, right-of-way acquisition, utility coordination, utility relocation and extensions, materials testing, construction and construction administration for an additional box culvert crossing for New River at Jomax Road. The roadway will be resurfaced in the immediate vicinity of the area disturbed for constructing the crossing. Earthwork, to direct drainage into the crossing, will be necessary both up and down stream of the crossing. The landscaping, sidewalks and streetlights will be restored. Permits for work in the Floodplain, 404 and off-site will be applied for and obtained. Federal Emergency Management Agency (FEMA) floodplain approvals and map changes will also be necessary. Processing of utility agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) for design and construction, and intergovernmental agreements may also be required.



**Justification:**

The existing box culvert crossing for New River at Jomax Road was designed and constructed by developers at no cost to the City, in accordance with the City's past and present criteria. The City's criteria for roadway and drainage performed by developers does not account for instances when the New River Reservoir discharges flows, which exceed the design criteria. This project is needed to pursue a crossing that can accommodate these instances. The City's Fire Station #7 is located immediately adjacent to the crossing and it is not advisable for emergency vehicles to cross the flooded roadway.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$0	\$1,150	\$13,500	\$0	\$0	\$0	\$14,650
CB-Chargebac	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$1,000	\$4,500	\$24,500	\$0	\$0	\$0	\$30,000
CO-Construct	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350,000	\$0	\$0	\$0	\$1,350,000
DS-Design	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$0	\$115,000	\$0	\$0	\$0	\$0	\$115,000
SY-Study	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
AT-Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$1,150	\$13,500	\$0	\$0	\$0	\$14,650
CB-Chargebac	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$1,000	\$4,500	\$24,500	\$0	\$0	\$0	\$30,000
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350,000	\$0	\$0	\$0	\$1,350,000
DS-Design	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$115,000	\$0	\$0	\$0	\$0	\$115,000
SY-Study	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,000</b>	<b>\$241,300</b>	<b>\$2,776,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,099,300</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$3,000</b>	<b>\$3,000</b>	<b>\$3,000</b>	<b>\$9,000</b>								
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## Olive Av & 99th Av - Storm Drain Outfall Repair

**Project Number:** EN00680    **Project Location:** SEC Olive Av & 99th Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, construction, and construction administration for the repair and rehabilitation of the existing Olive Avenue storm drain outfall located at the southeast corner of Olive Avenue and east of 99th Avenue. The main focus will be to remove the existing concrete grass pavers which are in disrepair, reline the channel with 6-inch thick shotcrete that will be embedded with rebar, and provide maintenance access. Additional improvements will include: adding a guardrail along Olive Avenue for safety purposes and adding bank protection at the existing downstream headwall located at Olive Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The existing storm drain facilities located along Olive Avenue west of 99th Avenue discharge through an outfall channel extending from the southeast corner of the intersection of Olive Avenue and 99th Avenue to New River. As part of the New River channelization project constructed in the early 1990's by the US Army Corps of Engineers (USACOE) and Flood Control District of Maricopa County (FCDMC), the outfall channel was constructed with concrete grass pavers that allowed for vegetation to go through the center of the pavers. Unfortunately, trees and weeds have grown through the pavers hence, displacing the pavers. In other areas, the pavers have been destroyed or are missing. Overall, the concrete grass pavers must be removed and replaced with a relatively maintenance free application such as concrete shotcrete. The design will allow for the safe maintenance access from the top of the channel bank to the bottom of channel so personnel and equipment can travel to the bottom of the channel for maintenance purposes quickly and safely. Due to the depth of the existing channel, extending the existing guardrail along Olive Avenue is warranted. A portion of the existing guardrail was recently hit and destroyed and the guardrail system is in need of replacement. Lastly, severe erosion is taking place at the downstream headwall that is located at Olive Avenue. The area will be regraded and rip rap will be placed to stop the ongoing erosion.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$9,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,200
CB-Chargebac	Future GO Bonds Base		\$0	\$33,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,000
CO-Construct	Future GO Bonds Base		\$0	\$920,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$920,000
DS-Design	Future GO Bonds Base		\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
<b>Total Budget</b>			<b>\$120,000</b>	<b>\$962,200</b>	<b>\$0</b>	<b>\$1,082,200</b>							

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,600</b>	<b>\$9,600</b>						
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## Pinnacle Peak Drainage; 87th Ave to 91st Ave

**Project Number:** EN00455    **Project Location:** Pinnacle Peak Road; 87th Av to 95th Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation and extensions, materials testing, construction and construction administration for the storm drainage improvements for Pinnacle Peak Road from 87th Avenue to 91st Avenue as a supplement to the facilities to be constructed by the developer. The construction will consist of installing storm drain pipe, manholes, junction structures, laterals and catch basins in Pinnacle Peak Road, including discharge facilities into the Camino a Lago drainage improvements. Processing of utility agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) and intergovernmental agreements may also be required. Project costs will be split 50/50 with the Flood Control District of Maricopa County.



**Justification:**

This project is an element of the Glendale-Peoria Area Drainage Master Plan, which is a regional drainage master plan serving several jurisdictions. The Flood Control District performed a study that recommended drainage improvements to Pinnacle Peak Road. The Flood Control District adopted this regional improvement project as a future CIP, where it remains today, at the City's request. This is the third and final segment of the regional drain in Pinnacle Peak Road. Previous drainage improvements in this reach of Pinnacle Peak road provide only a 10-year level of protection. The Flood Control District requires, and the City desires, to provide a 100-year level of protection from drainage. This project will supplement the existing drainage system to provide the difference in the level of protection. The project is dependent upon the construction of drainage facilities necessary for The Meadows development to serve as this system's outfall.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	GO Bonds 2019	Carryover	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
<b>Total Budget</b>			<b>\$160,000</b>	<b>\$0</b>	<b>\$160,000</b>								

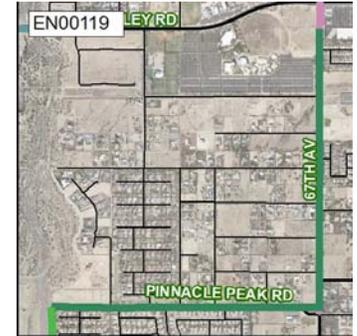
<b>Total Operating Impacts</b>	<b>\$22,000</b>	<b>\$0</b>	<b>\$198,000</b>										
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## Section 12 Neighborhood Drainage Improvements

**Project Number:** EN00119    **Project Location:** 67th Ave & Pinnacle Peak Rd - 67th Ave to New River

**Description:**

The project includes the design, right-of-way and land acquisition, utility coordination, utility relocation and extensions, as determined, materials testing, construction and construction administration, for the near term drainage improvements identified in the approved drainage study completed in 2017. The near term drainage improvements will provide flood protection to the area bounded by Pinnacle Peak Road, 67th Avenue, Happy Valley Road and New River as soon as possible. These improvements will not provide 100-year protection until the regional improvements are constructed. The near term improvements will consist of basins, channels, roadway and storm drain improvements. This project will also include processing of utility agreements (APS, Cox, CenturyLink, SWG, etc.) for design and construction, and development and intergovernmental agreements.



**Justification:**

67th Avenue and Pinnacle Peak Road Drainage Project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (ADMP) which is a regional storm drainage plan. Each element proposed in the ADMP is essential to the proper function of the storm drainage system. The City partnered with Flood Control District of Maricopa County (FCDMC) for the initial study. Subsequently, the City performed a Design Concept Report (DCR) for the roadway widening paying attention to the drainage recommendations from the ADMP. The City hired Entellus to assist with the completion of the drainage study to develop near term and regional drainage improvements. The study was completed in 2017. The design of the near term solutions are in progress and this project will fund the construction phase. The proposed solutions will make use of existing drainage infrastructure and allow the near term and regional drainage solutions to work together to provide a 100-year level of drainage protection to the area. This project is being coordinated with EN00651 - 67th Avenue & Pinnacle Peak Road Storm Drain and EN00100 67th Avenue; Pinnacle Peak Road to HVR Roadway Improvements and UT00440 - 67th Avenue 16" Water Line/ 67th Avenue & Pinnacle Peak Road.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	WIFA Loan	Base	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
CO-Construct	WIFA Loan	Carryover	\$3,785,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,785,583
LA-Land	WIFA Loan	Carryover	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
OT-Other	WIFA Loan	Carryover	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
<b>Total Budget</b>			<b>\$5,687,583</b>	<b>\$0</b>	<b>\$5,687,583</b>								

<b>Total Operating Impacts</b>	<b>\$19,511</b>	<b>\$73,511</b>	<b>\$681,110</b>										
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## Skunk Creek Spillways

**Project Number:** EN00628    **Project Location:** Skunk Creek between 75th Av and 83rd Av

**Description:**

This project provides for the coordination with the Flood Control District of Maricopa County (FCDMC) and the US Army Corps of Engineers (USACOE), adjacent property owners, public involvement, design, construction, and construction administration for the construction of five concrete spillways within Skunk Creek between 75th Avenue and 83rd Avenue. This will allow the runoff from each of the points of discharge to reach the Skunk Creek flow line. This project may require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development agreements, and intergovernmental agreements.

**Justification:**

The nuisance flows have a tendency to pond in front of the headwalls/soil cement stabilization and create a weed and vector control issue. This issue was identified by the Arizona Department of Environmental Quality (ADEQ) during an audit of the City's compliance with the MS4 permit. This project will be coordinated with FCDMC and USACOE and will bring the City into compliance with the MS4 permit.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Total Budget</b>			<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>								

## Storm Drain Land Preservation - Land Preservation

**Project Number:** EN00524    **Project Location:** Citywide

**Description:**

This project focuses on the preparation of legal descriptions and exhibits, title reports, appraisals, and the purchase and preservation of high priority lands for use as storm water management basins as identified in the City's Storm Drainage Master Plan provides. Preserving the land now will allow the City to construct the storm water management basins as future storm drain projects are funded.

**Justification:**

The Peoria Storm Drain Master Plan (PSDMP) performed a thorough analysis to determine storm drain system needs through build-out. The master plan makes recommendations for locating storm drain facilities throughout Peoria. The recommendations are coordinated to work in concert to achieve a level of drainage protection dictated by the City. Each element of the plan is necessary to accomplish this protection. There have been in-fill developments that are encroaching upon and taking away lands that are recommended to accomplish the goals of the master plan. Since the City has no immediate funding to offer for purchase of these parcels, or for a cooperative effort to mutually achieve development with the master plan, these opportunities are often lost. The result is a more costly and more intrusive drainage option to accomplish the City's drainage goals. The purpose of this project is to preserve land rights needed to achieve the goals of the master plan. The project will exercise options for outright purchase, cooperative development agreements and possible reimbursements for elements that accomplish the master plan recommendations.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Future GO Bonds Base		\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
LA-Land	Future GO Bonds Base		\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$603,000</b>	<b>\$0</b>	<b>\$603,000</b>							

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$200,000</b>
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## Union Hills Channel

**Project Number:** EN00137    **Project Location:** Union Hills Dr from 107th Ave to 111th Ave

**Description:**

This project provides for the City's proportionate share of the regional drainage project, including study, land acquisition, design, utility coordination, utility relocation and extension, materials testing, construction and construction administration for a storm drainage project to capture the drainage from determined storm water outfalls located in Sun City, and drainage along Union Hills Drive from the vicinity of 107th Avenue and Union Hills Drive. Construction for Phases 1 and 2 were completed in June 2018. Phase 3 was not designed or constructed as part of this project. In accordance with the approved IGA, the City has two more years of payments for Phases 1 and 2.



**Justification:**

This project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (ADMP), a regional storm drainage plan. Each element proposed in an ADMP is essential to the proper function of the storm drainage system. The City partnered with the Flood Control District of Maricopa County (FCDMC), the Maricopa County Department of Transportation (MCDOT), and the City of Surprise for the study and construction. There may possibly be a future agreement for a study, design and construction of Phase 3. Funds for Phase 3 currently are not programmed.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$11,195	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,195
CB-Chargebac	Future GO Bonds Base		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
CO-Construct	Future GO Bonds Base		\$500,000	\$1,119,484	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,619,484
<b>Total Budget</b>			<b>\$500,000</b>	<b>\$1,145,679</b>	<b>\$0</b>	<b>\$1,645,679</b>							

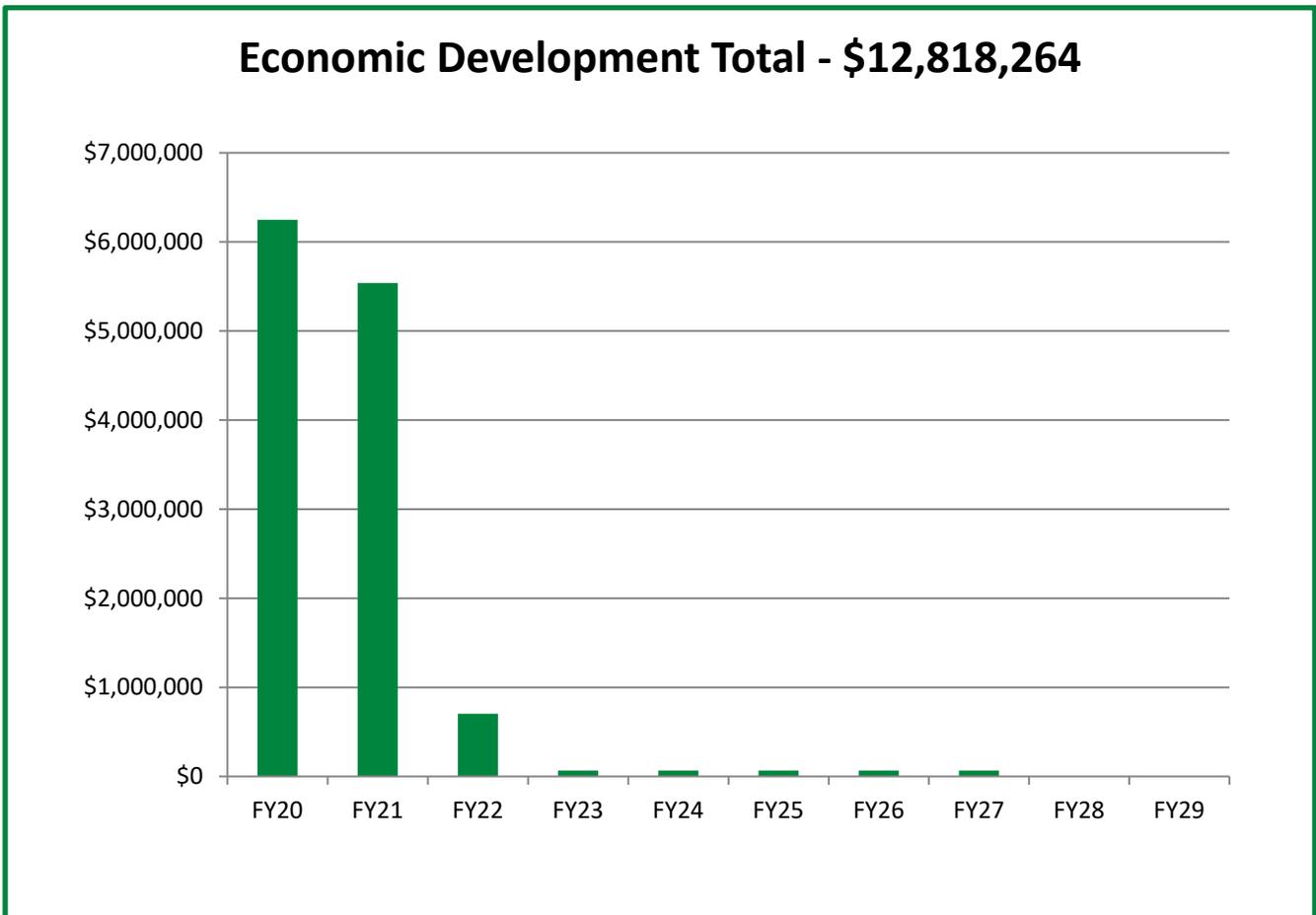
<b>Total Operating Impacts</b>	<b>\$17,400</b>	<b>\$174,000</b>											
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# Economic Development

Economic competitiveness is one of the City Council’s six policy goals, which is defined as a key element to the community’s quality of life dependent on a vibrant and diversified economic base, both a qualified workforce and quality jobs. As such, key priorities include creating employment corridors and jobs, securing direct investment in the city, attracting institutions of higher education and health care campuses, and building community in Old Town and the entertainment district.

Economic development projects are supported by the general fund, half-cent sales tax fund, general obligation bonds, and county transportation sales tax reimbursements. Economic development projects in the 10-year plan include the continuation of the Placemaking Initiative, which has promoted inviting meeting spaces in the community, Old Town Streetscape and the Pedestrian and Shade Initiative.



## Economic Development

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
Commercial Abatement	38	\$497,090	\$0	\$0	\$0	\$0	\$0	<b>\$497,090</b>
Denaro Medical Plaza	39	\$175,000	\$0	\$0	\$0	\$0	\$0	<b>\$175,000</b>
GE Avionics (Aviage Systems)	40	\$673,000	\$0	\$0	\$0	\$0	\$0	<b>\$673,000</b>
Huntington University	41	\$425,000	\$0	\$0	\$0	\$0	\$0	<b>\$425,000</b>
Maxwell Technologies	42	\$1,109,000	\$0	\$0	\$0	\$0	\$0	<b>\$1,109,000</b>
Modern Round	43	\$131,033	\$65,517	\$65,517	\$65,517	\$65,517	\$196,551	<b>\$589,652</b>
NOVO Development	44	\$425,000	\$0	\$0	\$0	\$0	\$0	<b>\$425,000</b>
Old Town Parcel Assembly & Tenant Improvements	45	\$300,000	\$0	\$0	\$0	\$0	\$0	<b>\$300,000</b>
Old Town Streetscape	46	\$500,000	\$5,000,000	\$0	\$0	\$0	\$0	<b>\$5,500,000</b>
Pedestrian and Shade Initiative	47	\$450,000	\$0	\$0	\$0	\$0	\$0	<b>\$450,000</b>
Peoria Forward Plan - ASU	48	\$607,851	\$473,188	\$638,483	\$0	\$0	\$0	<b>\$1,719,522</b>
Placemaking Initiative	49	\$955,000	\$0	\$0	\$0	\$0	\$0	<b>\$955,000</b>
<b>Total - Economic Development</b>		<b>\$6,247,974</b>	<b>\$5,538,705</b>	<b>\$704,000</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$196,551</b>	<b>\$12,818,264</b>

# Economic Development

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
1000 - General Fund	\$1,905,000	\$1,500,000	\$0	\$0	\$0	\$0	\$3,405,000
1210 - Half Cent Fund	\$1,353,123	\$2,065,517	\$65,517	\$65,517	\$65,517	\$196,551	\$3,811,742
1900 - Econ Dev Fund	\$2,989,851	\$473,188	\$638,483	\$0	\$0	\$0	\$4,101,522
7000 - Highway User Fund	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
<b>Total - Economic Development</b>	<b>\$6,247,974</b>	<b>\$5,538,705</b>	<b>\$704,000</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$196,551</b>	<b>\$12,818,264</b>

## Commercial Abatement

**Project Number:** ED00025    **Project Location:** Citywide

**Description:**

Commercial structures that are not properly maintained fall into disrepair and could become hazardous to the public. The abatement program utilizes code enforcement activities to identify the hazards and resolve through demolition if the structure cannot be repaired in a cost effective fashion. The City has budgeted \$500,000 to abate any commercial structures where owners are not compliant.

**Justification:**

Commercial structures vary in size and construction materials, which can be much more costly to demolish and remove than a typical residence. Since a commercial use is frequented by the greater public, ensuring public safety is a priority of the City along with the ability to adequately fund a potentially costly demolition process, if needed. The city costs are eventually recovered through placing a lien on the property for all incurred expenses.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Half Cent Fund	Carryover	\$497,090	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$497,090
<b>Total Budget</b>			<b>\$497,090</b>	<b>\$0</b>	<b>\$497,090</b>								

## Denaro Medical Plaza

**Project Number:** ED00021    **Project Location:** NWC of Happy Valley Road & Lake Pleasant Pkwy

**Description:**

The City of Peoria has an EDA with Denaro Ventures, LLC to build a 24,500 medical office building at Denaro Medical Plaza in northern Peoria. HonorHealth is the tenant in the build-to-suit development. The Economic Development Activities Agreement includes that reimbursement to the project is only for City sewer and water lines and "left in" and "left out" turn lanes, for an amount not to exceed \$175,000 contingent upon the tenant hiring 57 FTE/benefited positions with average mid-point salaries at \$98,047 by December 1, 2020.

**Justification:**

The Economic Development Services Department actively pursues targeted industries as part of an overall sales and marketing effort to attract healthcare users, as well as other targeted industries, to Peoria. Funding for FY20 will be through carryover of existing funds; no new funds are needed.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Econ Dev Fund	Carryover	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
<b>Total Budget</b>			<b>\$175,000</b>	<b>\$0</b>	<b>\$175,000</b>								

## GE Avionics (Aviage Systems)

**Project Number:** ED00015    **Project Location:** Thunderbird, West of Loop 101

**Description:**

The Economic Development Implementation Strategy identifies the attraction of targeted industries as a key objective in diversifying the economy and workforce in the City of Peoria. As part of the strategy, the Economic Development Services Department (EDS) actively pursues targeted industries to Peoria, as part of an overall sales and marketing effort to attract high technology and innovative technology users, as well as other targeted industries.

**Justification:**

GE AVIC Civil Avionics Systems Americas, Inc. is a civil avionics joint venture partnership between General Electric and the Aviation Industry Corporation of China (AVIC) for the purpose of aerospace software design, testing and development of the latest avionics systems and technologies for the commercial aircraft industry. Up to thirty new high-wage and advanced degree positions in systems and software engineering will be created by December 31, 2020. Key milestones involve building and establishing a core engineering team within the first year of operation; work directly with key commercial aircraft original equipment manufacturers as a tier one supplier to those aircraft manufacturers; and within three years develop a next generation avionics software system. The total project cost will not exceed \$1,228,000. FY20 funding will be through carryover of existing funds; no new funds are needed.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Econ Dev Fund	Carryover	\$673,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$673,000
<b>Total Budget</b>			<b>\$673,000</b>	<b>\$0</b>	<b>\$673,000</b>								

# Huntington University

**Project Number:** ED00018    **Project Location:** 8385 W. Mariners Way, 83rd Ave., South of Bell Rd

**Description:**

The Economic Development Services recognizes the attraction of targeted industries as a key objective in diversifying the economy and workforce in the City of Peoria. As part of the strategy, this project implements the university recruitment initiative. University recruitment has been a key initiative because it ensures that high technology companies have a ready and capable workforce in Peoria. It also supports economic development and job growth through technology commercialization efforts, assisting and growing business and entrepreneurs.

**Justification:**

Huntington University established a Peoria location, offering programs in media, film production, graphic design and web development. These programs are a part of the City's overall science, technology, engineering and math (STEM) workforce development initiative. In June 2015 council approved an agreement with Huntington University (HU). Huntington University will offer degree programs in Broadcast Fusion Media, Film Production, Graphic Design, Digital Animations and Web Development.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Econ Dev Fund	Carryover	\$425,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000
<b>Total Budget</b>			<b>\$425,000</b>	<b>\$0</b>	<b>\$425,000</b>								

## Maxwell Technologies

**Project Number:** ED00008    **Project Location:** Thunderbird West of Loop 101

**Description:**

Maxwell Technologies is a developer and producer of advanced energy storage and power delivery products. In June 2012, the City of Peoria was awarded the Maxwell Technologies expansion project. The project absorbed a 120,000 square foot vacant shell space; creating a functioning manufacturing facility that is located on Ludlow Drive in Peoria. Initially, the facility concentrated on the manufacturing and engineering of products with plans to incorporate research and development functions in future growth.

**Justification:**

The Economic Development Services Department has targeted industries to focus business attraction efforts have focused on industries such as: bioscience, clean/sustainable technologies, advanced business services, advanced manufacturing and higher education. These types of industries produce higher paying jobs, an educated workforce and increase employment diversity in the City. Maxwell Technologies aligns with these efforts as an advanced manufacturing company. Maxwell anticipates bringing 90 jobs to our city with an average wage of \$48,000, having a strong capital investment and research and development functions to the facility by June 2019. The total development agreement obligation will not exceed \$1,565,000. Funding for FY20 will be through carryover of existing funding; no new funds are needed.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Econ Dev Fund	Carryover	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,109,000
<b>Total Budget</b>			<b>\$1,109,000</b>	<b>\$0</b>	<b>\$1,109,000</b>								

## Modern Round

**Project Number:** ED00022    **Project Location:** 83rd Avenue, South of Bell Road

**Description:**

This project qualifies for assistance under the City's P83 Building Reuse Program, an economic development tool used to encourage a more diverse use of existing vacant buildings in the P83 area (a key investment zone), to include professional office, entertainment and retail tenants. Modern Round made substantial capital investment and tenant improvements to a vacant building in order to open/operate an entertainment-based business in the P83 area. Modern Round will have a significant fiscal and economic impact for Peoria through job creation, gross taxable sales and attracting people to the area.

**Justification:**

These efforts are being used to invigorate and revitalize private investment in targeted properties with the P83 area. Converting empty P83 buildings into professional office, retail and entertainment uses, promotes commercial investment activities, increases daytime foot traffic and enhances the overall quality of life for Peoria residents.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Half Cent Fund	Base	\$65,517	\$65,517	\$65,517	\$65,517	\$65,517	\$65,517	\$65,517	\$65,517	\$0	\$0	\$524,136
OT-Other	Half Cent Fund	Carryover	\$65,516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,516
<b>Total Budget</b>			<b>\$131,033</b>	<b>\$65,517</b>	<b>\$0</b>	<b>\$0</b>	<b>\$589,652</b>						

# NOVO Development

**Project Number:** ED00027    **Project Location:** 15814 N. 83rd Avenue

**Description:**

The property located at 15814 N. 83rd Avenue in Peoria was acquired by the City with the intention of redeveloping and repurposing. The existing underutilized restaurant/bar development did not attract the desired targeted industry as referenced in the City Council approved P83 Building Reuse Program that encourages the repurposing of vacant or underutilized restaurant buildings into employment or entertainment uses. Therefore, Council approved a development agreement and lease and purchase option agreement with NOVO Development in June 2017 to repurpose the vacant building into an employment-generating use that will provide a strong financial benefit to Peoria.



**Justification:**

The P83 District is a key investment zone, for the purpose of facilitating economic development activities. In order to become more competitive in attracting targeted industries, improved modern buildings and spaces are needed in Peoria. A key component of creating building inventory that is attractive to targeted industries calls for property acquisition and market intervention strategies to ensure that buildings in key locations, such as the P83 District, are available for commercial/office opportunities.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Half Cent Fund	Carryover	\$425,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000
<b>Total Budget</b>			<b>\$425,000</b>	<b>\$0</b>	<b>\$425,000</b>								



## Old Town Streetscape

**Project Number:** EN00646    **Project Location:** 83rd Av; Monroe St to Grand Av

**Description:**

This project is part of the City’s Old Town Revitalization through Strategic Public Investment which focuses on creating a ‘place to be’ for families, while improving the economic vitality of the Old Town area. Key features of this project include pedestrian amenities, wider sidewalks, bulb-outs, protected crossings, street trees, landscaping, shade features, lighting, banners, and signage. Phase I includes a Design Concept Report (DCR) and focuses on the area of 83rd Avenue from Monroe Street through Grand Avenue.

**Justification:**

This project supports the city’s efforts to create a historic downtown, which is both a destination and point of pride for our residents and visitors.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
OT-Other	General Fund	Base	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
CO-Construct	Half Cent Fund	Base	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
CO-Construct	Highway User Fu	Base	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
<b>Total Budget</b>			<b>\$500,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$5,500,000</b>							

## Pedestrian and Shade Initiative

**Project Number:** EN00645    **Project Location:** Citywide

**Description:**

This is a request to hire a consultant for the purpose of creating a Pedestrian and Shade Master Plan for the City of Peoria. The master plan will recommend ways to address non-motorized safety issues and create safer, better connected walking networks. The plan will also recommend ways to improve thermal comfort in Peoria through such means as trees, other vegetation, and structures. These findings are especially relevant as rapid and extensive urbanization has led to an urban heat island along arterial streets and further defined along bus routes.

**Justification:**

The City Council has identified expanding pedestrian opportunities and enhancing the urban environment as strategic priorities. This master plan will identify specific ways to operationalize these priorities.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
OT-Other	General Fund	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Total Budget</b>			<b>\$450,000</b>	<b>\$0</b>	<b>\$450,000</b>								

## Peoria Forward Plan - ASU

**Project Number:** ED00028    **Project Location:** P83 Entertainment District

**Description:**

ASU's Entrepreneurship + Innovation team will work with the city to implement a high-impact partnership to grow and scale the entrepreneurial ecosystem within the City of Peoria and accelerate economic development with the launch and support of innovative companies. The new Peoria Forward Plan business model builds on past efforts by entering into a collaborative partnership to deliver a broad range of services to entrepreneurs and provide access to the technical support, training, investor connections and commercialization expertise delivered by ASU and SkySong Innovations. As a part of this proposal, ASU will grow Peoria's entrepreneurial base and attraction through events, workshops, trainings, media/marketing, mentorship, human capital development and peer-to-peer connectivity. ASU will launch programs and build upon unique blends of biotechnology and entrepreneurship.



**Justification:**

The Economic Development Implementation Strategy established that Peoria should build upon initiatives related to entrepreneurial development. These initiatives set the foundation for the city to build an entrepreneurial ecosystem in the areas of economic development efforts through promoting locally available resources and to improve access to capital, talent and mentoring. This partnership with ASU further enhances our ability to successfully fulfill these goals.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Econ Dev Fund	Base	\$380,840	\$473,188	\$638,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,492,511
OT-Other	Econ Dev Fund	Carryover	\$227,011	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$227,011
<b>Total Budget</b>			<b>\$607,851</b>	<b>\$473,188</b>	<b>\$638,483</b>	<b>\$0</b>	<b>\$1,719,522</b>						

## Placemaking Initiative

**Project Number:** EN00021    **Project Location:** Various

**Description:**

A recent report by MIT defined placemaking as "the deliberate shaping of an environment to facilitate social interaction and improve a community's quality of life." Placemaking is a response to the suburbanization of the 20th century that led to generic, auto-centric communities and the loss of public spaces. All across the country cities are undertaking placemaking initiatives in an effort to recapture a sense of community and create great public spaces. This project will provide a source of funding to design and construct such spaces and to engage the community in the process.



Old Town--Design and construction of public improvements including hardscape, turf, landscape, art, shade structures, outdoor furniture, and other amenities that will encourage citizens to gather and encourages other private investment in the area. A majority of the proposed improvements will be between 83rd Avenue and 84th Avenue, Washington St. to Jefferson St.

P83--Design and construction of public improvements including hardscape, turf, landscape, art, shade structures, outdoor furniture, and other amenities that will encourage citizens to gather and encourages other private investment in the area. All of the improvements will be in the P83 area.

Happy Valley Corridor--Design and construction of public improvements including hardscape, turf, landscape, art, shade structures, outdoor furniture, and other amenities that will encourage citizens to gather and encourages other private investment in the area. Improvements may include additional amenities to enhance proposed artwork at the northeast corner of Lake Pleasant Parkway and Happy Valley Road. Other locations are not identified but could be utilized to enhance future commercial development that incorporates public spaces within their property within the Happy Valley Corridor area.

**Justification:**

The City Council's Strategic Goals include increasing bike/walk opportunities, promoting health and wellness, and enhancing the urban environment--all of which complement the aims of placemaking.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	General Fund	Base	\$555,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$555,000
OT-Other	General Fund	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Total Budget</b>			<b>\$955,000</b>	<b>\$0</b>	<b>\$955,000</b>								

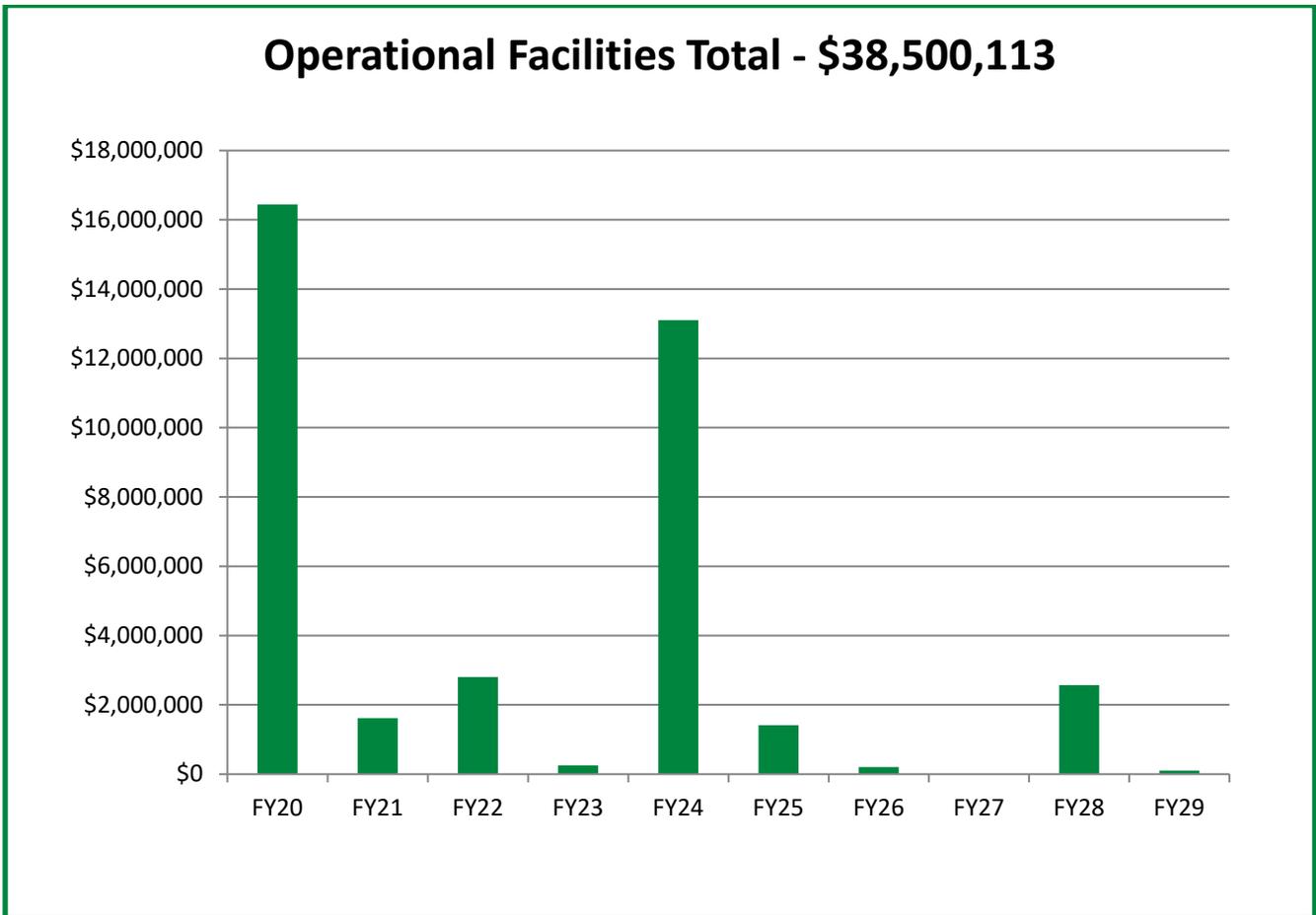


# Operational Facilities

Operational facilities are the “bricks and mortar” from which the City of Peoria provides services to its residents and businesses. Increasingly, operational facilities also include the technology infrastructure and systems that facilitate service delivery in the information age. Projects include the construction of new facilities, as well as the maintenance, rehabilitation, renovation, and expansion of existing facilities.

Operational facilities projects are funded from a variety of different sources, depending on the use

of the facility. Sources include general obligation bonds, operating funds, and outside sources. Projects in the 10-year program include Community Works Program, which provides funding for projects that have a local benefit or that may arise during the fiscal year, construction of new bus stops along designated transit corridors, overhauling the fleet shop, renovation of the main library, energy efficiency projects at city facilities citywide and the replacement and/or upgrades to critical communication and information technology infrastructure.



## Operational Facilities

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
Arts Distribution FY2020	57	\$1,574,558	\$0	\$0	\$0	\$0	\$0	\$1,574,558
Asphalt Repair and Replacement-MOC	59	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Building Equipment Renovation and Replacement	60	\$1,077,580	\$75,000	\$0	\$0	\$0	\$0	\$1,152,580
Building Fixture and Finish Renovation	61	\$691,910	\$0	\$0	\$0	\$0	\$0	\$691,910
Bus Stop Improvement Program	63	\$1,140,000	\$0	\$0	\$0	\$0	\$0	\$1,140,000
Chargeback Distribution FY2020	64	\$1,710,000	\$0	\$0	\$0	\$0	\$0	\$1,710,000
Community Assistance Resource Center	66	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Community Works Program	67	\$634,000	\$0	\$0	\$0	\$0	\$0	\$634,000
Council Chambers Building Repair Program	68	\$118,422	\$0	\$353,500	\$0	\$202,000	\$202,000	\$875,922
Data Backup System	69	\$260,000	\$0	\$0	\$0	\$0	\$0	\$260,000
Energy Efficiency Projects	70	\$161,910	\$0	\$0	\$0	\$0	\$0	\$161,910
Fleet Shop Repair	71	\$261,302	\$0	\$0	\$0	\$0	\$0	\$261,302
Fleet Shop Replacement	72	\$0	\$0	\$2,197,502	\$0	\$12,802,498	\$0	\$15,000,000
Impact Fee Study	74	\$0	\$0	\$0	\$0	\$98,200	\$98,200	\$196,400
LED Lighting Retrofit	75	\$472,442	\$0	\$0	\$0	\$0	\$0	\$472,442
MOC Site Lighting Improvements	77	\$380,000	\$0	\$0	\$0	\$0	\$0	\$380,000
Neighborhood and Human Services ADA Compliance	78	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Network Infrastructure Replacement - Beardsley WRF	79	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
Network Infrastructure Replacement - Butler WRF	80	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
Network Infrastructure Replacement - Fire Stations	81	\$165,700	\$0	\$0	\$0	\$0	\$0	\$165,700
Network Infrastructure Replacement - Greenway WTP	82	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
Network Infrastructure Replacement - Jomax WTF	83	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
Network Infrastructure Replacement - MOC	84	\$116,000	\$0	\$0	\$0	\$0	\$0	\$116,000
Network Infrastructure Replacement - Pioneer Park	85	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
Network Infrastructure Replacement - Quintero WTF	86	\$64,000	\$0	\$0	\$0	\$0	\$0	\$64,000

## Operational Facilities

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
Network Infrastructure Replacement - WiFi	87	\$150,000	\$0	\$0	\$0	\$0	\$0	<b>\$150,000</b>
Network Infrastructure Replacement-Sunrise Library	88	\$50,000	\$0	\$0	\$0	\$0	\$0	<b>\$50,000</b>
Peoria Center for Performing Arts Chiller	89	\$548,208	\$0	\$0	\$0	\$0	\$0	<b>\$548,208</b>
Peoria Center for Performing Arts Storage Building	90	\$270,921	\$0	\$0	\$0	\$0	\$0	<b>\$270,921</b>
Peoria Center for the Performing Arts - ADA Study	91	\$70,000	\$0	\$0	\$0	\$0	\$0	<b>\$70,000</b>
Peoria Transit Center	92	\$0	\$0	\$0	\$0	\$0	\$2,567,171	<b>\$2,567,171</b>
Public Safety Building Needs	93	\$305,000	\$0	\$0	\$0	\$0	\$0	<b>\$305,000</b>
Radio Subscriber Replacements	94	\$549,535	\$254,000	\$254,000	\$254,000	\$0	\$0	<b>\$1,311,535</b>
Renovate Main Library	95	\$1,774,695	\$1,288,000	\$0	\$0	\$0	\$0	<b>\$3,062,695</b>
Roof Replacement	96	\$350,000	\$0	\$0	\$0	\$0	\$1,410,859	<b>\$1,760,859</b>
Vistancia Radio Site	97	\$2,000,000	\$0	\$0	\$0	\$0	\$0	<b>\$2,000,000</b>
<b>Total - Operational Facilities</b>		<b>\$16,443,183</b>	<b>\$1,617,000</b>	<b>\$2,805,002</b>	<b>\$254,000</b>	<b>\$13,102,698</b>	<b>\$4,278,230</b>	<b>\$38,500,113</b>

# Operational Facilities

## Summary by Funding Source

Fund Number and Name	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
1000 - General Fund	\$500,860	\$0	\$0	\$0	\$0	\$0	\$500,860
1111 - Percent for the Arts	\$908,569	\$0	\$0	\$0	\$0	\$0	\$908,569
1210 - Half Cent Fund	\$19,773	\$0	\$0	\$0	\$0	\$0	\$19,773
1970 - Municipal Office Complex Rsv	\$2,752,210	\$75,000	\$0	\$0	\$0	\$0	\$2,827,210
2050 - Water Fund	\$498,180	\$0	\$0	\$0	\$375,200	\$0	\$873,380
2161 - Water Expansion	\$13,334	\$0	\$0	\$0	\$0	\$0	\$13,334
2162 - Water Expansion	\$66,525	\$0	\$0	\$0	\$0	\$0	\$66,525
2163 - Water Expansion	\$23,507	\$0	\$0	\$0	\$125,403	\$0	\$148,910
2164 - Water Expansion	\$205,192	\$0	\$0	\$0	\$0	\$0	\$205,192
2270 - WIFA Revenue Bonds	\$51,434	\$0	\$0	\$0	\$0	\$0	\$51,434
2271 - WIFA Revenue Bonds	\$21,973	\$0	\$0	\$0	\$0	\$0	\$21,973
2272 - WIFA Loan	\$112,548	\$0	\$0	\$0	\$0	\$0	\$112,548
2400 - Wastewater Fund	\$229,361	\$0	\$0	\$0	\$375,200	\$0	\$604,561
2509 - Wastewater Expansion	\$15,226	\$0	\$0	\$0	\$125,403	\$0	\$140,629
2590 - Commercial Solid Waste	\$0	\$0	\$0	\$0	\$499,593	\$0	\$499,593
2600 - Residential Solid Waste	\$101,977	\$0	\$0	\$0	\$3,201,437	\$0	\$3,303,414
3400 - IT Reserve	\$1,727,235	\$254,000	\$254,000	\$254,000	\$0	\$0	\$2,489,235
4150 - Non-Bond Capital	\$78,844	\$0	\$0	\$0	\$0	\$0	\$78,844
4253 - GO Bonds 2019	\$2,335,415	\$0	\$0	\$0	\$0	\$0	\$2,335,415
4254 - Future GO Bonds	\$2,018,113	\$1,288,000	\$2,551,002	\$0	\$6,951,340	\$1,612,859	\$14,421,314
4550 - Other Capital	\$592,106	\$0	\$0	\$0	\$0	\$0	\$592,106
4810 - Outside Sources	\$0	\$0	\$0	\$0	\$0	\$2,567,171	\$2,567,171
7000 - Highway User Fund	\$721,355	\$0	\$0	\$0	\$1,350,922	\$0	\$2,072,277
7001 - DIF - Streets	\$9,406	\$0	\$0	\$0	\$0	\$0	\$9,406
7003 - DIF - Streets	\$346,765	\$0	\$0	\$0	\$53,200	\$53,200	\$453,165
7009 - Intersection Impact Fees - Zone 2 - Post I-I-2012	\$13,250	\$0	\$0	\$0	\$0	\$0	\$13,250
7010 - Transportation Sales Tax	\$1,634,798	\$0	\$0	\$0	\$0	\$0	\$1,634,798
7907 - NeighPkDevl Fees - Z2 Post I/I/12	\$431	\$0	\$0	\$0	\$0	\$0	\$431

# Operational Facilities

## Summary by Funding Source

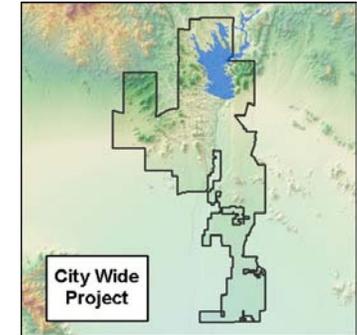
<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
7910 - Citywide Park/Rec Facility Dev	\$18,047	\$0	\$0	\$0	\$0	\$0	\$18,047
7915 - DIF - Open Space	\$1,040	\$0	\$0	\$0	\$0	\$0	\$1,040
7920 - DIF - Trails	\$9,468	\$0	\$0	\$0	\$0	\$0	\$9,468
7932 - DIF - Law Enf	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7935 - DIF - Fire	\$15,800	\$0	\$0	\$0	\$0	\$0	\$15,800
7937 - DIF - Fire	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7940 - DIF - General Gov't	\$1,360,000	\$0	\$0	\$0	\$0	\$0	\$1,360,000
7941 - DIF - Parks	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7942 - DIF - Parks	\$3,272	\$0	\$0	\$0	\$9,000	\$9,000	\$21,272
7943 - DIF - Parks	\$37,169	\$0	\$0	\$0	\$9,000	\$9,000	\$55,169
<b>Total - Operational Facilities</b>	<b>\$16,443,183</b>	<b>\$1,617,000</b>	<b>\$2,805,002</b>	<b>\$254,000</b>	<b>\$13,102,698</b>	<b>\$4,278,230</b>	<b>\$38,500,113</b>

## Arts Distribution FY2020

**Project Number:** AT02020    **Project Location:**

**Description:**

Section 2-129 of the City Code requires that all "capital projects submitted for inclusion in the City's capital improvement program ... shall include an amount equal to 1 percent of the project cost of such capital improvement for public art." This project, whose purpose is purely administrative, holds appropriation for all arts charges. Projects are charged the percent for the arts as qualifying capital expenditures are made throughout the fiscal year.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Citywide Park/Re	Base	\$13,789	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,789
AT-Arts	DIF - Fire	Base	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800
AT-Arts	DIF - Open Space	Base	\$1,040	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,040
AT-Arts	DIF - Parks	Base	\$30,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,900
AT-Arts	DIF - Streets	Base	\$69,710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,710
AT-Arts	DIF - Trails	Base	\$2,955	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,955
AT-Arts	Future GO Bonds	Base	\$69,579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,579
AT-Arts	General Fund	Base	\$15,290	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,290
AT-Arts	GO Bonds 2019	Base	\$235,565	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235,565
AT-Arts	Half Cent Fund	Base	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
AT-Arts	Highway User Fu	Base	\$100,441	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,441
AT-Arts	Intersection Imp	Base	\$6,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,701
AT-Arts	Municipal Office	Base	\$7,969	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,969
AT-Arts	NeighPkDevl Fees	Base	\$329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$329
AT-Arts	Non-Bond Capital	Base	\$3,653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,653
AT-Arts	Other Capital	Base	\$113,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$113,121
AT-Arts	Percent for the A	Base	\$2,709	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,709
AT-Arts	Residential Solid	Base	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
AT-Arts	Transportation Sa	Base	\$200,557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,557
AT-Arts	Wastewater Expa	Base	\$7,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,700
AT-Arts	Wastewater Fund	Base	\$159,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,996

### Arts Distribution FY2020

AT-Arts	Water Expansion	Base	\$171,981	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,981
AT-Arts	Water Fund	Base	\$255,116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,116
AT-Arts	WIFA Loan	Base	\$50,856	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,856
AT-Arts	WIFA Revenue B	Base	\$42,801	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,801
<b>Total Budget</b>			<b>\$1,574,558</b>	<b>\$0</b>	<b>\$1,574,558</b>								

## Asphalt Repair and Replacement-MOC

**Project Number:** PW01199    **Project Location:** Municipal Operations Center

**Description:**

This project provides for asphalt repair and replacement of the entire parking area at the Municipal Operations Complex (MOC). The parking area is now 29 years old and in need of repair. Heavy equipment traffic has deteriorated the asphalt.

**Justification:**

Heavy trucks and equipment have deteriorated the pavement over time.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	GO Bonds 2019	Carryover	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
<b>Total Budget</b>			<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>								

## Building Equipment Renovation and Replacement

**Project Number:** PW00050    **Project Location:** Citywide

**Description:**

This program provides replacement for major building systems and equipment.

1. **Building Assessment Study:** A comprehensive Building Assessment Study is planned to be conducted over a three year duration. The program is planned for FY19 – FY21. Year 1 will assess Public Safety facilities, year 2 will assess General Government facilities, and year 3 will assess Community Services Facilities (not including the Sports Complex) and Water Services facilities (building systems, but not including process systems) (\$75,000 per year FY19-21).
2. **PSAB/Tech Center Study:** A study will be conducted to replace the Uninterruptible Power Supply Systems at both the Technology Center and Public Safety Administration Building (\$50,000 FY20).
3. **City Hall Pine Room Audio Visual System Upgrades -** Audio/Visual upgrades to the City Hall Pine Room will include selective HDMI auto switching, dual channel wireless microphones, full audio reinforcement with assisted listening (to meet ADA requirements), system controls, an embedded micro pc, and lighting upgrades.(\$40,000 FY20)



**Justification:**

1. **Building Assessment Study:** The greater majority of City facilities are at or beyond an age where they are more likely at risk of major building system failures. This effort to assess the condition of our buildings will allow for the development of a building maintenance master plan based upon the results of the assessments.
2. **PSAB/Tech Center Study:** The study for replacement of the uninterruptible power supply systems is required to determine critical upgrades to the Technology Center and Police Communications systems to minimize downtime and perform preventative maintenance/repairs.
3. **City Hall Pine Room Audio Visual System Upgrades -** The Pine Room is the focal point for training, presentations, and community interaction. The audio system will enable easier and more convenient accessibility for staff and guest presentations. The assisted listening technology will allow the City to have a convenient and state of the art ADA compliant audio visual system.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Municipal Office	Base	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
EQ-Equipment	Municipal Office	Carryover	\$84,094	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,094
OT-Other	Municipal Office	Carryover	\$828,486	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$828,486
SY-Study	Municipal Office	Base	\$125,000	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$1,077,580</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$1,152,580</b>							

## Building Fixture and Finish Renovation

**Project Number:** PW00060    **Project Location:** Citywide

**Description:**

This program provides for the renovation of building fixtures and finishes. The Facilities Division reviews requests from departments and staff to assess fixtures, paint and flooring.

Planned projects include replacing carpet at various City buildings and Peoria Municipal Complex improvements.

1. Paint and replace damaged light bollards (\$70,000) FY20
2. Repair concrete throughout complex (\$150,000) FY20
3. Carpets - PSAB/Tech Center/Community Center/City Hall Pine Room/Sunrise Library (\$427,153) FY20



**Justification:**

1. Paint & replace damaged bollards: Light bollards distributed throughout the Peoria Municipal Complex were installed in 1990 as part of the original City Hall construction. Many of these fixtures have sustained damage from vandalism and prolonged exposure to the elements. At nearly 30 years old, some of the fixtures continue to perform well, some need to be painted to restore a more respectful appearance, and some need to be replaced.

2. Replace concrete throughout Complex: Masonry site walls throughout the Peoria Municipal Complex were constructed in 1990 as part of the original construction. The site walls have sustained damage from vandalism and prolonged exposure to the elements. Many of the masonry walls need to be repaired, reconstructed, and/or painted to restore a respectful appearance and, in some cases, to remedy potential safety hazards.

3. Carpet Justification: All carpeted areas of the PSAB building are in need of new flooring. This building is a 24-hour facility and most of the flooring in the building is over 13 years old.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Municipal Office	Base	\$640,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$640,746
	Municipal Office	Carryover	\$51,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,164
<b>Total Budget</b>			<b>\$691,910</b>	<b>\$0</b>	<b>\$691,910</b>								

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## Bus Stop Improvement Program

**Project Number:** EN00673    **Project Location:** Citywide

**Description:**

In FY2020, funds will complete the installation of bus stops and any associated infrastructure for the Circulator. In FY21 and thereafter, funds are for unanticipated additional bus stops, replacement bus stops, or repairs.

Funds will also be used for installation of bus stop improvements as needed City-wide and may include the following: bus pullouts to allow buses to pick up and discharge passengers outside of the traffic flow, Bus stops (no pullout), transit shelters which could provide weather protection, seating, bike racks, landscaping, lighting and other passenger amenities.



Bus stop improvements may include engineering design, existing drainage relocations and modifications, coordination with adjacent property owners, public involvement, ROW/easement acquisition, utility coordination, utility relocation, construction and construction administration. This may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Transit promotes sustainable growth and improves Peoria’s environment and quality of life. Well-planned and maintained public transit helps create a safe, clean, equitable and healthy city.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa Base		\$910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$910,000
DS-Design	Transportation Sa Base		\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
LA-Land	Transportation Sa Base		\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<b>Total Budget</b>			<b>\$1,140,000</b>	<b>\$0</b>	<b>\$1,140,000</b>								

## Chargeback Distribution FY2020

**Project Number:** CB02020    **Project Location:**

**Description:**

Personnel costs associated with the design, acquisition of land, construction, and inspection of a capital project are charged back to that project. This project, whose purpose is purely administrative, holds appropriation for all chargebacks. Individual capital projects are charged throughout the fiscal year for staff time dedicated to the delivery of those projects.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Citywide Park/Re	Base	\$4,258	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,258
CB-Chargebac	DIF - Fire	Base	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
CB-Chargebac	DIF - Parks	Base	\$9,541	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,541
CB-Chargebac	DIF - Streets	Base	\$286,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$286,461
CB-Chargebac	DIF - Trails	Base	\$6,513	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,513
CB-Chargebac	Future GO Bonds	Base	\$197,544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$197,544
CB-Chargebac	General Fund	Base	\$61,028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,028
CB-Chargebac	GO Bonds 2019	Base	\$86,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$86,145
CB-Chargebac	Half Cent Fund	Base	\$9,773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,773
CB-Chargebac	Highway User Fu	Base	\$20,914	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,914
CB-Chargebac	Instersction Imp	Base	\$6,549	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,549
CB-Chargebac	NeighPkDevl Fees	Base	\$102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$102
CB-Chargebac	Non-Bond Capital	Base	\$75,191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,191
CB-Chargebac	Other Capital	Base	\$60,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,563
CB-Chargebac	Percent for the A	Base	\$26,370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,370
CB-Chargebac	Residential Solid	Base	\$977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$977
CB-Chargebac	Transportation Sa	Base	\$294,241	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$294,241
CB-Chargebac	Wastewater Expa	Base	\$7,526	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,526
CB-Chargebac	Wastewater Fund	Base	\$69,365	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,365
CB-Chargebac	Water Expansion	Base	\$136,577	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$136,577
CB-Chargebac	Water Fund	Base	\$243,064	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$243,064
CB-Chargebac	WIFA Loan	Base	\$61,692	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,692

### Chargeback Distribution FY2020

CB-Chargebac	WIFA Revenue B	Base	\$30,606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,606
<b>Total Budget</b>			<b>\$1,710,000</b>	<b>\$0</b>	<b>\$1,710,000</b>								

## Community Assistance Resource Center

**Project Number:** CD00008    **Project Location:** 83rd Ave & Cinnabar Ave

**Description:**

The purpose of the Resource Center is to provide an easily accessible public location where non-profit agencies and City staff can provide direct program services, intake and referral. Approximately six (6) non-profit agencies will be offered cubicle and private meeting space on a rotating and contractual basis and agencies will be selected based on community priorities. Examples include agencies dealing with illiteracy, cognitive disabilities, Alzheimer's, domestic violence, housing issues, etc.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>								

<b>Total Operating Impacts</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$360,000</b>										
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## Community Works Program

**Project Number:** COP0001    **Project Location:** Citywide

**Description:**

The program provides a mechanism to fund smaller projects addressing more localized needs that may otherwise be overlooked in the capital program and projects that either the Council feels are advantageous to meet the city's mission or present a timely opportunity that could be missed if pursued under the regular CIP approval process, or address an immediate need that cannot or should not wait for the regular CIP approval process.



- Quick Response for Streets - \$130,000.00
- Entry Monuments - \$80,000.00
- NTMP - \$60,000.00
- Ped, Bike, Signing/Striping - \$65,000.00
- Wall Painting - \$75,000.00
- Streetlight Infill - \$50,000.00
- Green Bike Lanes - \$40,000.00
- Quick response for weed abatement, ROW maintenance, & storm damage - \$100,000.00

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
CO-Construct	General Fund	Carryover	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,000
CO-Construct	Highway User Fu	Base	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
<b>Total Budget</b>			<b>\$634,000</b>	<b>\$0</b>	<b>\$634,000</b>								

## Council Chambers Building Repair Program

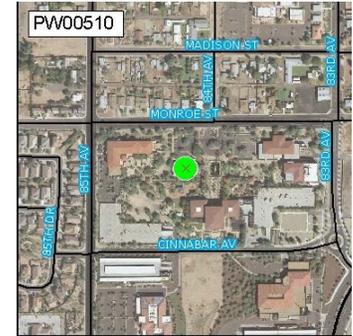
**Project Number:** PW00510    **Project Location:** Peoria Municipal Complex

**Description:**

The Council Chambers building is reaching an age where the building envelope and building technical systems are reaching the end of their serviceable life. The funding in this program will provide for the planned repair, replacement, and upgrade of these systems on a prioritized need basis. FY20 plans include the replacement of joint sealants at building masonry joints and glazing systems, FY22 repair of exterior soffits, metal fascia’s, gutters, and the replacement of the concrete tile roof. Out year funding anticipates building HVAC system replacements and ADA upgrades.

**Justification:**

This project will provide an ongoing building improvements program for the Council Chambers.



Category	Funding		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
	Source	Carryover / Base											
AT-Arts	Future GO Bonds	Base	\$0	\$0	\$3,500	\$0	\$2,000	\$0	\$2,000	\$0	\$0	\$0	\$7,500
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$350,000	\$0	\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$750,000
CO-Construct	Municipal Office	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
EQ-Equipment	Other Capital	Carryover	\$38,422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,422
<b>Total Budget</b>			<b>\$118,422</b>	<b>\$0</b>	<b>\$353,500</b>	<b>\$0</b>	<b>\$202,000</b>	<b>\$0</b>	<b>\$202,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$875,922</b>

## Data Backup System

**Project Number:** IT00007    **Project Location:** Peoria Municipal Complex

**Description:**

This request will enable the IT Department to purchase or upgrade necessary systems to provide backups for all data in the City networks.

**Justification:**

The data backup demands of the City will require the IT Department to implement alternative strategies and replace and/or upgrade existing systems to properly maintain system backups. Hardware will be purchased to supplement existing systems and to utilize new data backup technologies.



Additional purchases and/or upgrades are projected for FY20 and FY25 to ensure adequate data storage to meet projected demands.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$260,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260,000
<b>Total Budget</b>			<b>\$260,000</b>	<b>\$0</b>	<b>\$260,000</b>								

## Energy Efficiency Projects

**Project Number:** PW00507    **Project Location:** Citywide

**Description:**

Implementation of energy efficiency and solar energy projects at City Hall, the Technology Center, Rio Vista Recreation Center, the Performing Arts Center, the Development and Community Services Building, Sunrise Library, Fire Station 191, Fire Station 192, Fire Station 193, Fire Station 194, Fire Station 195, Fire Station 196, Fire Station 197, Fire Fleet Services, Pinnacle Peak Public Safety Building and Beardsley Waste Water Treatment Plant.

**Justification:**

The project reduces the city's impact on the environment, conserves energy and encourages citizens to engage in sustainability efforts.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Carryover	\$20,401	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,401
OT-Other	General Fund	Carryover	\$24,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,200
OT-Other	Municipal Office	Carryover	\$117,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$117,309
<b>Total Budget</b>			<b>\$161,910</b>	<b>\$0</b>	<b>\$161,910</b>								

## Fleet Shop Repair

**Project Number:** PW00306    **Project Location:** Municipal Operations Center

**Description:**

Phase I is the renovation of the existing 20,000 sq. ft. building to repair existing failures. Some of the major repairs include roof repair (\$35K), rain gutters replaced (\$45K), a new air compressor system, a new fluid distribution system, coolers replaced (\$20K), and a safety harness system for working on top of large truck bodies. The repairs will keep the building functional until a new facility can be constructed.

**Justification:**

The current shop is 28 years old and needs major repairs. The facility is outdated and does not meet the needs of the current and future vehicle count. Every day there are several units being worked on outside of the existing building. This creates several issues and hinders the mechanics' productivity.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Carryover	\$61,302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,302
CO-Construct	Highway User Fu	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
CO-Construct	Residential Solid	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$261,302</b>	<b>\$0</b>	<b>\$261,302</b>								

## Fleet Shop Replacement

**Project Number:** PW00308    **Project Location:** Municipal Operations Center

**Description:**

Construct a new 45,000 sq. ft. facility to meet the needs of the city's increasing fleet, and changes in the delivery of maintenance services necessary for today's vehicles. The current shop is 28 years old and needs major repairs. The facility is outdated and does not meet the needs of the current and future vehicle count. Every day there are several units being worked on outside of the existing building creating ADOSH and ADEQ issues as well as hindering the mechanics' productivity. The proposed location is the east side of the MOC.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Commercial Solid	Base	\$0	\$0	\$0	\$0	\$4,900	\$0	\$0	\$0	\$0	\$0	\$4,900
CB-Chargebac	Commercial Solid	Base	\$0	\$0	\$0	\$0	\$4,693	\$0	\$0	\$0	\$0	\$0	\$4,693
CO-Construct	Commercial Solid	Base	\$0	\$0	\$0	\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	\$490,000
AT-Arts	Future GO Bonds	Base	\$0	\$0	\$20,475	\$0	\$66,105	\$0	\$0	\$0	\$0	\$0	\$86,580
CB-Chargebac	Future GO Bonds	Base	\$0	\$0	\$129,533	\$0	\$72,735	\$0	\$0	\$0	\$0	\$0	\$202,268
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$6,610,500	\$0	\$0	\$0	\$0	\$0	\$6,610,500
DS-Design	Future GO Bonds	Base	\$0	\$0	\$2,047,494	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,047,494
AT-Arts	Highway User Fu	Base	\$0	\$0	\$0	\$0	\$13,250	\$0	\$0	\$0	\$0	\$0	\$13,250
CB-Chargebac	Highway User Fu	Base	\$0	\$0	\$0	\$0	\$12,672	\$0	\$0	\$0	\$0	\$0	\$12,672
CO-Construct	Highway User Fu	Base	\$0	\$0	\$0	\$0	\$1,325,000	\$0	\$0	\$0	\$0	\$0	\$1,325,000
AT-Arts	Residential Solid	Base	\$0	\$0	\$0	\$0	\$31,400	\$0	\$0	\$0	\$0	\$0	\$31,400
CB-Chargebac	Residential Solid	Base	\$0	\$0	\$0	\$0	\$30,037	\$0	\$0	\$0	\$0	\$0	\$30,037
CO-Construct	Residential Solid	Base	\$0	\$0	\$0	\$0	\$3,140,000	\$0	\$0	\$0	\$0	\$0	\$3,140,000
AT-Arts	Wastewater Expa	Base	\$0	\$0	\$0	\$0	\$1,230	\$0	\$0	\$0	\$0	\$0	\$1,230
CB-Chargebac	Wastewater Expa	Base	\$0	\$0	\$0	\$0	\$1,173	\$0	\$0	\$0	\$0	\$0	\$1,173
CO-Construct	Wastewater Expa	Base	\$0	\$0	\$0	\$0	\$123,000	\$0	\$0	\$0	\$0	\$0	\$123,000
AT-Arts	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$3,680	\$0	\$0	\$0	\$0	\$0	\$3,680
CB-Chargebac	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$3,520	\$0	\$0	\$0	\$0	\$0	\$3,520
CO-Construct	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$368,000	\$0	\$0	\$0	\$0	\$0	\$368,000
AT-Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$1,230	\$0	\$0	\$0	\$0	\$0	\$1,230

## Fleet Shop Replacement

CB-Chargebac	Water Expansion	Base	\$0	\$0	\$0	\$0	\$1,173	\$0	\$0	\$0	\$0	\$0	\$1,173
CO-Construct	Water Expansion	Base	\$0	\$0	\$0	\$0	\$123,000	\$0	\$0	\$0	\$0	\$0	\$123,000
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$3,680	\$0	\$0	\$0	\$0	\$0	\$3,680
CB-Chargebac	Water Fund	Base	\$0	\$0	\$0	\$0	\$3,520	\$0	\$0	\$0	\$0	\$0	\$3,520
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$368,000	\$0	\$0	\$0	\$0	\$0	\$368,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$2,197,502</b>	<b>\$0</b>	<b>\$12,802,498</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000,000</b>

# Impact Fee Study

**Project Number:** CD00007 **Project Location:** Citywide

**Description:**

This study will update City impact fees. These fees should be updated every five years to ensure that they accurately recover the cost of constructing infrastructure required by new development. The project will be coordinated with the Finance Department.

**Justification:**

Impact fees are updated every three years to ensure the fees cover the cost of infrastructure required by new development.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	DIF - Fire	Base	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$18,000
SY-Study	DIF - Law Enf	Base	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$18,000
SY-Study	DIF - Parks	Base	\$0	\$0	\$0	\$0	\$27,000	\$0	\$0	\$0	\$0	\$27,000	\$54,000
SY-Study	DIF - Streets	Base	\$0	\$0	\$0	\$0	\$53,200	\$0	\$0	\$0	\$0	\$53,200	\$106,400
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98,200</b>	<b>\$196,400</b>

## LED Lighting Retrofit

**Project Number:** PW00514 **Project Location:** Citywide

### Description:

The City performed a preliminary energy audit of 23 city facilities in August 2015 to assess if there were potential energy savings and solar opportunities. This preliminary audit produced promising results, which then prompted city staff to move forward with the in-depth audit in October 2016. After careful financial analysis and extensive internal review, the city recommended moving forward with a light emitting diode (LED) lighting retrofit project in six out of the 23 city facilities due to the favorable payback results. The remaining facilities that were not considered - due to the longer payback period - were mostly driven by labor costs and technological considerations such as if the install included ballasts only or entire retrofit, wiring, and whether or not they are interior vs exterior, fixture size and location, etc.



Staff proposes an alternative pathway to continuing to convert LED lighting throughout city facilities. Based on a previous a 2017 cost estimate, staff recommends retrofitting (utilizing in-house staff) the following facilities over a three-year period. By completing this project in-house, the city can save approximately 30%-40% in labor costs. Performing in-house (based on 30% labor costs), \$1,417,326 or \$472,442 per year for 3-year phase project. If the aforementioned projects come in below estimates, staff would like to continue to move forward with any remaining retrofits until the city is utilizing 100% LED technology.

### Proposed Buildings:

- Interior DCSB (except engineering)
- Interior PSAB (possibly exterior)
- FS 194 (interior)
- FS 195 (interior and exterior)
- FS 197 (interior)
- MOC (interior and exterior)

### Justification:

LED Lighting retrofits are the most sought after energy conservation measure to be explored by organizations due to their shorter payback period, immediate energy reduction, and less heat compared to conventional incandescent lights, which releases 90% of its energy as heat. In other words, it is considered one of the lowest-hanging fruits. Retrofitting the existing lighting system to newer (LED) technology provides 80% or more in energy reduction per year resulting in six to seven times more efficiency than conventional incandescent lights. Also, due to the longer life cycle of LED lighting technology, annual savings in O&M materials and labor costs from this conversion, relieves an already limited capacity facilities staff to direct their labor on other pressing city maintenance and operations activities. In addition to the positive financial aspects of this recommendation, this project also advances our energy efficiency goals outlined in the council adopted Sustainability Action Plan.

## LED Lighting Retrofit

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Municipal Office	Base	\$472,442	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$472,442
<b>Total Budget</b>			<b>\$472,442</b>	<b>\$0</b>	<b>\$472,442</b>								

## MOC Site Lighting Improvements

**Project Number:** PW00402    **Project Location:** Municipal Operations Center

**Description:**

A study of the current lighting at the MOC was completed in October 2016. This CIP in FY20 will provide improvements to the exterior lighting systems and reduce energy costs. The project will include engineering services, replacement of lighting fixtures with current technology LED lighting, and adding or replacing light poles to achieve a more uniformly lighted MOC yard.

**Justification:**

The study identified areas for improvement due largely to aged and degraded lighting fixtures.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Other Capital	Carryover	\$380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000
<b>Total Budget</b>			<b>\$380,000</b>	<b>\$0</b>	<b>\$380,000</b>								

## Neighborhood and Human Services ADA Compliance

**Project Number:** NH00006    **Project Location:** Various

**Description:**

This request will address ADA deficiencies at Sunrise Family Center, the Community Center and the Womens Club.

**Justification:**

This request ensures Neighborhood and Human Services' facilities are in compliance with the Americans with Disabilities Act (ADA).



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	General Fund	Base	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
<b>Total Budget</b>			<b>\$75,000</b>	<b>\$0</b>	<b>\$75,000</b>								

## Network Infrastructure Replacement - Beardsley WRF

**Project Number:** IT00011    **Project Location:** Beardsley Water Reclamation Facility

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Infrastructure in the Beardsley Water Reclamation Facility will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the city has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$94,000
<b>Total Budget</b>			<b>\$94,000</b>	<b>\$0</b>	<b>\$94,000</b>								

## Network Infrastructure Replacement - Butler WRF

**Project Number:** IT00013    **Project Location:** Butler Water Reclamation Facility

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Infrastructure in the Butler Water Reclamation Facility will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$94,000
<b>Total Budget</b>			<b>\$94,000</b>	<b>\$0</b>	<b>\$94,000</b>								

## Network Infrastructure Replacement - Fire Stations

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**Project Number:** IT00009    **Project Location:** Various

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Infrastructure in the fire stations will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the city has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Carryover	\$165,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$165,700
<b>Total Budget</b>			<b>\$165,700</b>	<b>\$0</b>	<b>\$165,700</b>								

## Network Infrastructure Replacement - Greenway WTP

**Project Number:** IT00010    **Project Location:** Greenway Water Treatment Plant

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Infrastructure in the Greenway Water Treatment Plant will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the city has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$94,000
<b>Total Budget</b>			<b>\$94,000</b>	<b>\$0</b>	<b>\$94,000</b>								

## Network Infrastructure Replacement - Jomax WTF

**Project Number:** IT00012    **Project Location:** Jomax Water Treatment Facility

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Infrastructure in the Jomax Water Treatment Facility will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the city has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<b>Total Budget</b>			<b>\$70,000</b>	<b>\$0</b>	<b>\$70,000</b>								

## Network Infrastructure Replacement - MOC

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**Project Number:** IT00014    **Project Location:** Municipal Operations Center

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Infrastructure in the Municipal Operations Center (MOC) will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$116,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,000
<b>Total Budget</b>			<b>\$116,000</b>	<b>\$0</b>	<b>\$116,000</b>								

## Network Infrastructure Replacement - Pioneer Park

**Project Number:** IT00031     **Project Location:** Pioneer Community Park

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Network infrastructure equipment at Pioneer Park will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
<b>Total Budget</b>			<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>								

## Network Infrastructure Replacement - Quintero WTF

**Project Number:** IT00017    **Project Location:** Quintero Water Treatment Facility

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Infrastructure in the Quintero Water Treatment Facility will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$64,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,000
<b>Total Budget</b>			<b>\$64,000</b>	<b>\$0</b>	<b>\$64,000</b>								

## Network Infrastructure Replacement - WiFi

**Project Number:** IT00036    **Project Location:** Citywide

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment and systems would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Network infrastructure equipment allowing wireless access in City facilities will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the city has made, it is necessary to provide for the replacement of the equipment and systems to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment and systems as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>								

## Network Infrastructure Replacement-Sunrise Library

**Project Number:** IT00025    **Project Location:** Sunrise Library

**Description:**

Establish funding for network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Infrastructure equipment at Sunrise Mountain Library will require replacement in FY20.

**Justification:**

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Total Budget</b>			<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>								

## Peoria Center for Performing Arts Chiller

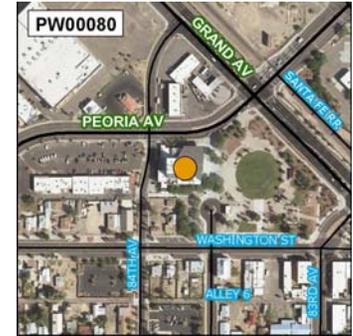
**Project Number:** PW00080    **Project Location:** 10580 N. 83rd Drive

**Description:**

The Peoria Center for Performing Arts (PCPA) is 11 years old. It now requires refurbishment and enhancements to maintain a high quality level of performance and improvement of operational efficiencies. This request is for the chiller. The additional funds are required due to the increase in manufacturing and installation costs incurred by the additional time required for design and assessments. The installation of the chiller can only be installed during a small window of time during the holiday season. Due to design requirements and long manufacturing lead times the installation must be deferred until December 2020. The cost increase is due to the increase in labor and material costs.

**Justification:**

The building has a significant amount of public exposure and should be maintained at the highest level of appearance and functionality. The theatre is currently used for classes, rehearsals and performances that exceed the original design specifications. There are over 200 performances per year, as well as ongoing rehearsals and classes. This is accelerating wear and tear on the chiller. If this chiller fails, it will take 2 to 3 months to get a replacement. The current chiller is 11 years old and was identified in the Ameresco study as inefficient and mismatched to the current cooling demands of the Theater. This is causing increased wear and tear on the chiller, shortening its effective life span. A new chiller is required to satisfy patron comfort and ensure system continuity for future years.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	General Fund	Carryover	\$9,639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,639
EQ-Equipment	Percent for the A	Base	\$63,569	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,569
OT-Other	Percent for the A	Carryover	\$475,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$475,000
<b>Total Budget</b>			<b>\$548,208</b>	<b>\$0</b>	<b>\$548,208</b>								

## Peoria Center for Performing Arts Storage Building

**Project Number:** NH00002    **Project Location:** 10580 N. 83rd Drive

**Description:**

The storage unit provides architecturally compatible, enclosed 528 sf storage building located on the south side of the Peoria Center for Performing Arts. The facility will house theater equipment that currently crowds the performance venues, incurring violation notices during annual fire department inspections. The storage will also be used to house furniture, games, and stage equipment for the multitude of placemaking events in Old Town. This projects supports the arts and livability priorities of the Mayor and Council. The project includes the design, construction, development permits and fees, and internal project management expenses.

**Justification:**

This project will free up space inside the theater and ensure compliance to fire code and safety.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Percent for the A	Base	\$217,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$217,696
DS-Design	Percent for the A	Base	\$53,225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,225
<b>Total Budget</b>			<b>\$270,921</b>	<b>\$0</b>	<b>\$270,921</b>								

## Peoria Center for the Performing Arts - ADA Study

**Project Number:** NH00004    **Project Location:** 10580 N. 83rd Drive

**Description:**

This is a request to conduct an ADA Study at the Peoria Center for Performing Arts.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	Percent for the A	Base	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<b>Total Budget</b>			<b>\$70,000</b>	<b>\$0</b>	<b>\$70,000</b>								

## Peoria Transit Center

**Project Number:** PW00325 **Project Location:** 83rd Av & Peoria Av

**Description:**

The Regional Transportation Plan, which is funded by the regional transportation sales tax, includes a transit center located in Peoria. It is anticipated that the transit center will be co-located with a Peoria Park and Ride facility. The location of the facility will be determined by an implementation study.

**Justification:**

The City has conducted a study for the revitalization of the downtown area. The component of the revitalization is transportation service through the downtown. The Regional Transportation Plan also anticipates a Park and Ride facility that may be directly linked to the transit center.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Outside Sources	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,225	\$0	\$43,225
CO-Construct	Outside Sources	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,367,371	\$0	\$2,367,371
DS-Design	Outside Sources	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156,575	\$0	\$156,575
<b>Total Budget</b>			<b>\$0</b>	<b>\$2,567,171</b>	<b>\$0</b>	<b>\$2,567,171</b>							

## Public Safety Building Needs

**Project Number:** PW00090    **Project Location:** Various

**Description:**

1. Paint Exterior of Individual Fire Stations: The exterior of Fire Stations 191 through 197 will be painted. This will include painted surfaces on building exteriors and wrought iron fencing/gates. (\$10,000 \* 7 Stations = \$70,000)
2. PSAB Partial Roof Replacement: The flat roof above the PSAB Lobby, and associated flashing, will be replaced (\$35,000)
3. Replace AC Units: Replace air conditioning units at Fire Stations 192 & 195 and evaporative coolers at multiple Fire Stations (\$155,000)
4. PSAB Parking Garage Lighting Replacement: Replace lighting in PSAB parking garage (\$45,000)



**Justification:**

1. Paint Exterior of Individual Fire Stations: Seven Fire Stations have deteriorated exterior paint consistent with the age of the buildings. Paint deterioration is observed on the building exteriors and on the perimeter wrought iron security fencing and gates.
2. PSAB Lobby Roof Replacement: During the monsoon season of calendar year 2018, the roof over the PSAB lobby developed major leaks impacting the EOC (Emergency Operations Center) in the Peoria meeting room. Upon servicing the leaks, it was discovered there is substantial deterioration of the roofing system at this location. This roof area functions independently from adjacent roof systems and can be replaced without compromising those other systems.
3. Replace AC Units: The air conditioning units at Fire stations 192 and 195 are between 15-19 years old, beyond life expectancy (15 years), and need replacement.
4. PSAB Parking Garage Lighting Replacement - The existing LED lighting on the first floor of the garage has reached the end of its useful life. Replacing the existing lights provides greater officer and fire administration safety, and allows us to bring energy saving LED technology to the garage.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Municipal Office	Base	\$105,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105,000
EQ-Equipment	Municipal Office	Base	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$305,000</b>	<b>\$0</b>	<b>\$305,000</b>								

## Radio Subscriber Replacements

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**Project Number:** IT00018    **Project Location:** Citywide

**Description:**

The City's subscriber radio units deployed citywide will require replacement because they've reached the end of their life. Subscriber replacements began in FY16 and will continue through FY23.

**Justification:**

The radio subscriber units have reached the end of their life and must be replaced in order for the city's public safety and general government personnel to be able to continue to communicate on the RWC radio system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	IT Reserve	Base	\$549,535	\$254,000	\$254,000	\$254,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,311,535
<b>Total Budget</b>			<b>\$549,535</b>	<b>\$254,000</b>	<b>\$254,000</b>	<b>\$254,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,311,535</b>

## Renovate Main Library

**Project Number:** PW00509 **Project Location:** Peoria Municipal Complex

**Description:**

The Main Library, constructed in 1991, has had no major renovations or furniture replacements since its construction. This project originally planned for interior and building systems refurb/replacement. In FY17, furniture modernization was prioritized; FY18 focused on fixed seating and ADA enhancements in the Willow Room, roof and HVAC system repairs, while developing a strategic plan for service delivery that includes citizen engagement and will inform how Main Library renovations will respond to system-wide needs. Improvements in FY19 and beyond will be informed by the strategic plan’s final recommendations and funding requests will be adjusted accordingly.

**Justification:**

This request will provide needed refurbishments to the building's major components and address the evolving business model of public libraries.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$12,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,010
CB-Chargebac	Future GO Bonds Base		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
CO-Construct	Future GO Bonds Base		\$1,200,990	\$1,200,990	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,401,980
DS-Design	Future GO Bonds Base		\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
CO-Construct	GO Bonds 2019	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
OT-Other	GO Bonds 2019	Carryover	\$173,705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$173,705
<b>Total Budget</b>			<b>\$1,774,695</b>	<b>\$1,288,000</b>	<b>\$0</b>	<b>\$3,062,695</b>							

# Roof Replacement

**Project Number:** PW00150 **Project Location:** Peoria Municipal Complex

**Description:**

1. Tech Center Roof Replacement: The Tech Center was constructed in 1992 and the roof is in excess of 27 years old. Recommend replacement of the Tech Center Roof in FY21. The replacement will include a complete replacement of the underlayment, new tiles, foam roofing, and flashing material. In FY2018, a serious leak near the main servers to the City was repaired (\$350,000 FY20).
2. City Hall Roof Replacement: The City Hall roof will be in excess of 30 years old in FY25 when the replacement roof is recommended for restoration. The replacement will include a complete replacement of the underlayment, new tiles and flashing material. In FY2017, the four corner ridges of the City Hall roof were repaired at a cost of \$15,000. (\$1,411,000 FY25).



**Justification:**

1. Tech Center Roof Replacement: Due to the critical nature of the equipment within the Tech Center, the replacement of the roof is necessary to prevent damage, which could impact City wide operations.
2. City Hall Roof Replacement: The life expectancy for a tile roof such as City Hall is 30 years. We have identified an increase in leaks and deterioration in the underlayment and associated flashing. The replacement is necessary to prevent damage due to leaks.

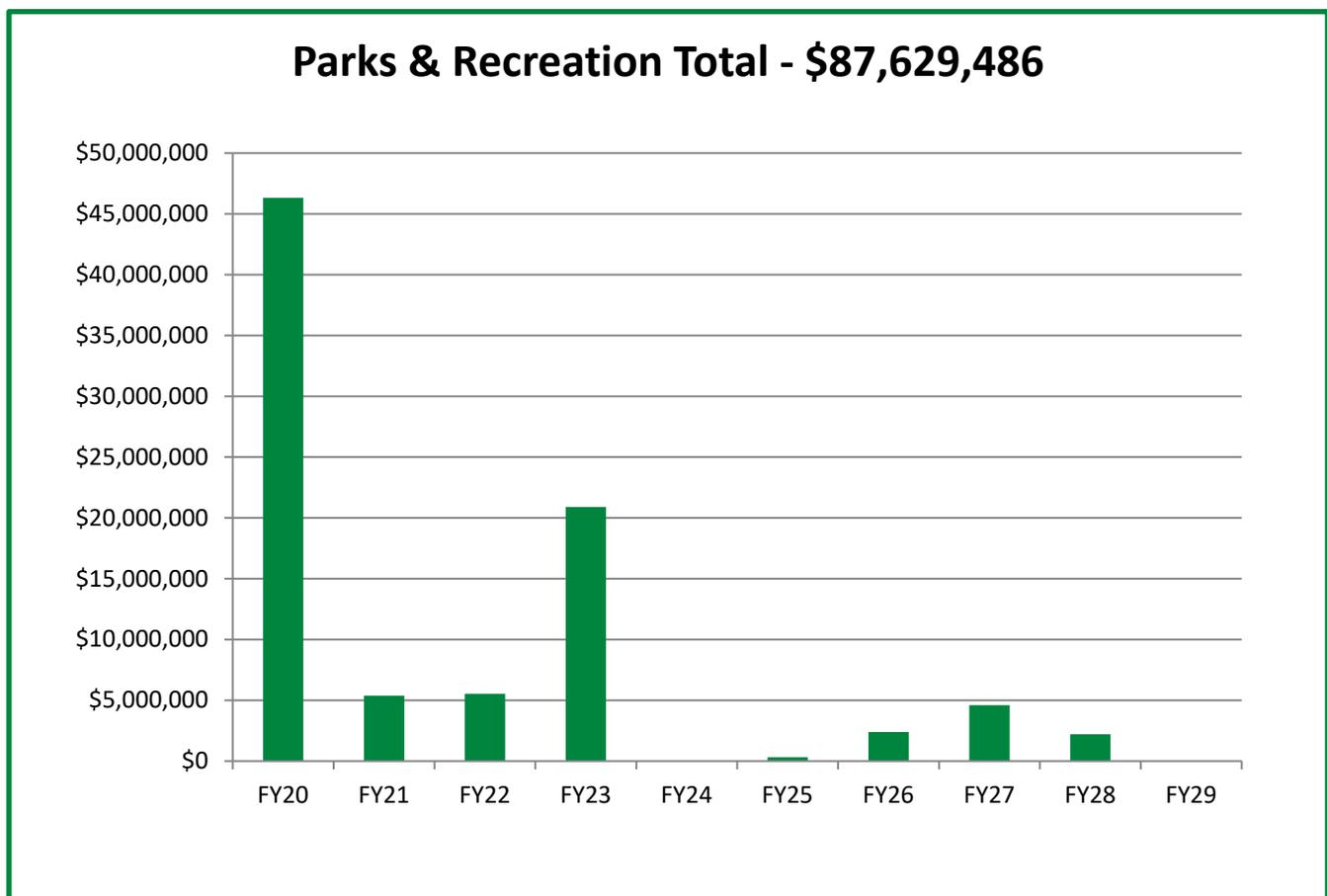
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$13,969	\$0	\$0	\$0	\$0	\$13,969
CO-Construct	Future GO Bonds Base		\$350,000	\$0	\$0	\$0	\$0	\$1,396,890	\$0	\$0	\$0	\$0	\$1,746,890
<b>Total Budget</b>			<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,410,859</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,760,859</b>



# Parks & Recreation

Quality of life initiatives, such as those represented by parks, libraries, open space, and trails projects, are an important component of the Capital Improvement Program. Rio Vista and Pioneer Community Park each offer lighted ball fields, extensive picnic grounds, shaded playgrounds, a water play area, batting cages, an urban lake, and much, much more. Neighborhood parks provide recreational amenities close to home, while the city’s ever-growing network of trails accommodates walkers, joggers, strollers, bicyclists, roller-bladers, and equestrians.

Funding for parks, libraries, open space, and trails projects is primarily from general obligation bonds and development impact fees. Projects in the 10-year program include development of a new community park in the northern portion of Peoria, design and construction of a southern access point to the New River Trail system near the south side of Olive in the vicinity of 99th Avenue, inception of a neighborhood parks refresh program as well as a continued commitment to maintaining the city’s retention basins.



## Parks & Recreation

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
99th Ave and Olive Trailhead	103	\$82,500	\$2,343,334	\$0	\$0	\$0	\$0	\$2,425,834
AFR Trail; Jomax Rd to CAP & CAP to LPP	104	\$0	\$212,800	\$0	\$0	\$0	\$0	\$212,800
Ball Field Lighting	105	\$340,150	\$0	\$0	\$0	\$0	\$0	\$340,150
Centennial Plaza Decades Walk Expansion 10-20 Yrs	106	\$168,297	\$0	\$0	\$0	\$0	\$0	\$168,297
Community Services Master Plan	107	\$150,000	\$0	\$0	\$300,000	\$0	\$0	\$450,000
Country Meadows Park Improvements	108	\$1,582,158	\$0	\$0	\$0	\$0	\$0	\$1,582,158
Inclusive Playground at Rio Vista Community Park	109	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Irrigation and Turf Improvements Program	110	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Mountain Trail Improvements	111	\$0	\$0	\$471,300	\$0	\$0	\$0	\$471,300
Neighborhood Parks Refresh Program	112	\$579,196	\$0	\$0	\$0	\$0	\$0	\$579,196
New River Trail - Happy Valley Rd to Jomax	113	\$0	\$0	\$0	\$0	\$0	\$3,894,500	\$3,894,500
New River Trail - Villa Lindo and Pinnacle Pk	114	\$0	\$0	\$0	\$0	\$0	\$2,686,500	\$2,686,500
New River Trail Connections	115	\$100,200	\$210,300	\$0	\$0	\$0	\$0	\$310,500
New River Trail; Williams Rd to Happy Valley Rd	116	\$1,074,439	\$0	\$0	\$0	\$0	\$0	\$1,074,439
NRT - Jomax Rd to CAP and CAP to LPP	117	\$0	\$0	\$0	\$212,800	\$0	\$0	\$212,800
Paloma Community Park	118	\$33,373,321	\$1,878,993	\$2,004,388	\$17,677,510	\$0	\$0	\$54,934,212
Paloma Community Park Trails	119	\$0	\$0	\$403,750	\$0	\$0	\$0	\$403,750
Park and Recreation Facility Refurbishment	120	\$1,643,000	\$0	\$0	\$0	\$0	\$0	\$1,643,000
Parks, Recreation, Community Fac ADA Compliance	121	\$255,000	\$0	\$0	\$0	\$0	\$0	\$255,000
Retention Basin Refresh Program	122	\$224,164	\$0	\$0	\$0	\$0	\$0	\$224,164
Rio Vista Skate Park	123	\$50,000	\$202,000	\$0	\$0	\$0	\$0	\$252,000
Senator McCain Vietnam Veterans Memorial Plaza	124	\$260,000	\$0	\$0	\$0	\$0	\$0	\$260,000
Skunk Creek Multi-Use Path	125	\$0	\$526,192	\$2,073,967	\$0	\$0	\$0	\$2,600,159
Sonoran Mountain Ranch Park Improvements	126	\$383,597	\$0	\$0	\$0	\$0	\$0	\$383,597
Sunrise Mountain Trailhead	127	\$0	\$0	\$579,573	\$2,711,155	\$0	\$0	\$3,290,728

## Parks & Recreation

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
The Meadows Neighborhood Park	128	\$4,437,521	\$0	\$0	\$0	\$0	\$0	<b>\$4,437,521</b>
Trailhead at Vistancia	129	\$0	\$0	\$0	\$0	\$0	\$2,924,883	<b>\$2,924,883</b>
Westwing Park - ADA Connection to Maya Way	130	\$211,998	\$0	\$0	\$0	\$0	\$0	<b>\$211,998</b>
<b>Total - Parks &amp; Recreation</b>		<b>\$46,315,541</b>	<b>\$5,373,619</b>	<b>\$5,532,978</b>	<b>\$20,901,465</b>	<b>\$0</b>	<b>\$9,505,883</b>	<b>\$87,629,486</b>

# Parks & Recreation

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
1000 - General Fund	\$3,299,657	\$202,000	\$0	\$150,000	\$0	\$0	\$3,651,657
4150 - Non-Bond Capital	\$142,500	\$0	\$0	\$0	\$0	\$0	\$142,500
4253 - GO Bonds 2019	\$21,114,215	\$0	\$0	\$0	\$0	\$0	\$21,114,215
4254 - Future GO Bonds	\$3,712,707	\$5,171,619	\$3,987,190	\$20,601,465	\$0	\$9,505,883	\$42,978,864
4550 - Other Capital	\$11,462,101	\$0	\$0	\$0	\$0	\$0	\$11,462,101
4810 - Outside Sources	\$162,500	\$0	\$1,545,788	\$0	\$0	\$0	\$1,708,288
7907 - NeighPkDevl Fees - Z2 Post 1/1/12	\$32,922	\$0	\$0	\$0	\$0	\$0	\$32,922
7910 - Citywide Park/Rec Facility Dev	\$1,378,865	\$0	\$0	\$0	\$0	\$0	\$1,378,865
7915 - DIF - Open Space	\$103,960	\$0	\$0	\$0	\$0	\$0	\$103,960
7920 - DIF - Trails	\$316,114	\$0	\$0	\$0	\$0	\$0	\$316,114
7942 - DIF - Parks	\$1,750,000	\$0	\$0	\$75,000	\$0	\$0	\$1,825,000
7943 - DIF - Parks	\$2,840,000	\$0	\$0	\$75,000	\$0	\$0	\$2,915,000
<b>Total - Parks &amp; Recreation</b>	<b>\$46,315,541</b>	<b>\$5,373,619</b>	<b>\$5,532,978</b>	<b>\$20,901,465</b>	<b>\$0</b>	<b>\$9,505,883</b>	<b>\$87,629,486</b>

## 99th Ave and Olive Trailhead

**Project Number:** CS00088    **Project Location:** 99th Av & Olive Av

**Description:**

This project is for design and construction of an access point to the New River Trail system with comfort facilities such as a shade ramadas, drinking fountain, and resting areas. Coordination is necessary with the Maricopa County Flood Control District through the existing IGA. The extent of remediation of buried landfill debris within the trailhead and access road impact area is under evaluation. A \$165,000 US EPA Brownfield assessment grant was received in FY 2019 and will fund environmental assessment professional services prior to any final land acquisition.

**Justification:**

This project is consistent with the Community Services Master Plan and the West Valley Corridor plan to provide a trailhead and comfort station along the New River Trail system at various points. Despite the costs to mitigate buried landfill debris, this trailhead site remains advantageous given a presumed land cost of zero dollars and its adjacency to the recently completed New River Trail between Northern and Olive.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds	Base	\$0	\$23,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,201
CO-Construct	Future GO Bonds	Base	\$0	\$2,320,133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,320,133
OT-Other	Outside Sources	Carryover	\$82,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$82,500
<b>Total Budget</b>			<b>\$82,500</b>	<b>\$2,343,334</b>	<b>\$0</b>	<b>\$2,425,834</b>							

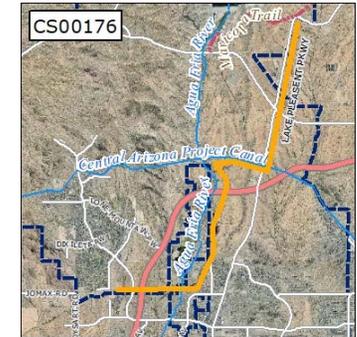
<b>Total Operating Impacts</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$135,000</b>									
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## AFR Trail; Jomax Rd to CAP & CAP to LPP

**Project Number:** CS00176    **Project Location:** Along the Agua Fria Corridor

**Description:**

This project provides for the solicitation for hiring a qualified consultant to provide services for preparing a Design Concept Report (DCR) for a regional trail along the east side of the Agua Fria River from Jomax Road to the Central Arizona Project (CAP) canal and along the CAP to Lake Pleasant Pkwy and the Maricopa Trail. The primary purpose of this section of the Agua Fria Trail is to continue and provide a safe, convenient, and functional transportation link for pedestrians and bicyclists who seek to utilize non-motorized modes of transportation to meet their regular travel needs and for recreational purposes. Under the scope of this project a consultant and City staff will work with area stakeholders, land owners, developers, FCDMC, USACOE, city departments, and utility companies to assess the feasibility of various trail alternatives and refine the plan for one alternative and complete an in-depth evaluation of the approximate impacts, costs and prepare concept level 15% plans. Following completion of the DCR, staff will submit a request for consideration in the 10 year CIP for programming design, land acquisition and construction funding.



**Justification:**

The Community Services Master Plan recommends; 1) that the trail network be expanded by developing new trails, trailheads and connections to community amenities, and 2) Coordinate with Maricopa County Parks and Recreation Department to implement sections of The Maricopa County Regional Trail System Plan, which establishes a framework to link approximately 242 miles of existing and proposed trails to create the Maricopa Trail loop around the Valley. Within the City of Peoria there are important links along the Agua Fria River.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Future GO Bonds Base		\$0	\$12,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,800
SY-Study	Future GO Bonds Base		\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$212,800</b>	<b>\$0</b>	<b>\$212,800</b>							



## Centennial Plaza Decades Walk Expansion 10-20 Yrs

**Project Number:** CS00229    **Project Location:** Peoria Municipal Complex

**Description:**

This project entails a hardscape only extension of the Centennial Plaza Decades Walk to the next 10-20 year increment. This extension will encroach into the existing concrete fire lane and presumes the creation of a traffic rated profile for heavier delivery trucks and fire apparatus.

**Justification:**

The existing Decades Walk concludes with the Arizona Centennial in 2012.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$130,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,483
DS-Design	General Fund	Base	\$37,814	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,814
<b>Total Budget</b>			<b>\$168,297</b>	<b>\$0</b>	<b>\$168,297</b>								

# Community Services Master Plan

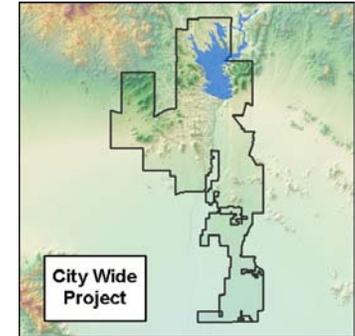
**Project Number:** CS00067    **Project Location:** Citywide

**Description:**

This project is a request to update the comprehensive Community Services Master Plan (CSMP) to guide and assist with development and prioritization, especially in the northern portion of the city. The project will include a thorough inventory analysis, benchmarking study, community input surveys, public meetings and comments to help direct the future program and development of parks, recreation, open spaces, and trails. This project is scheduled to start in Spring 2019.

**Justification:**

By performing regularly scheduled updates of the CSMP, future planning will be more responsive to address the needs of the city. The CSMP contains information used when planning for future parks, trail systems, recreation programming, future recreational sites and open space.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	DIF - Parks	Base	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
SY-Study	General Fund	Base	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
SY-Study	Other Capital	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>

## Country Meadows Park Improvements

**Project Number:** CS00203    **Project Location:** W. Butler Dr. & N. 111th Ave.

**Description:**

This project entails the update of park amenities that will be determined through a public input process. A design professional will be chosen to assist the City in facilitating public meeting(s) and preparing visuals of amenity alternatives. The City will utilize its contracted Parks Job Order Contractor(s) to advise on project costs and for project construction in the subsequent year. Amenities at Country Meadows Park could include an airnasium, dog park, or skate plaza. Minor enhancements of existing playgrounds, fall surfacing, lighting repairs, and/or a restroom refresh would be undertaken concurrently. The design, public input of the project is scheduled for Spring 2019.



**Justification:**

Country Meadows Park was constructed in the late 1990's. Residential growth in the Pine District and the proximity to the adjacent school has led to increased utilization of the park. This park is of a size that can accommodate one or more additional park amenities without compromising the open turf park character.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds Base		\$1,390,468	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,390,468
CO-Construct	Future GO Bonds Carryover		\$191,690	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$191,690
<b>Total Budget</b>			<b>\$1,582,158</b>	<b>\$0</b>	<b>\$1,582,158</b>								

## Inclusive Playground at Rio Vista Community Park

**Project Number:** CS00205    **Project Location:** Rio Vista Community Park

**Description:**

This is a request to install/replace inclusive/accessible play areas at Rio Vista Community Park. This request expands the amenities offered to an expanded population.

**Justification:**

There is a desire to have these type of amenities in city parks.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds	Base	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
<b>Total Budget</b>			<b>\$1,200,000</b>	<b>\$0</b>	<b>\$1,200,000</b>								

## Irrigation and Turf Improvements Program

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**Project Number:** CS00208    **Project Location:** Citywide

**Description:**

As a result of our recent Irrigation and Turf Reduction study, we are proposing the process to become more resourceful and sustainable with our water resources. The study has specifically identified key areas and strategies that we are looking to implement and execute for the long-term savings, stewardship, and vegetative quality of park sites. The focus is to execute turf reduction strategies identified in the turf and irrigation reduction study. Turf areas identified for reduction are non-use areas that require additional resources to maintain. The enhancements will provide a better quality turf to the remaining area due to the ability to reallocate resources to a smaller defined area. Projects may include a renovation or infrastructure enhancements that are needed such as pump starters, mainline upsizing and valve replacements. The study identified that the divisions are watering to their budget, but below expected plant requirements. The reduction will allow to enhance existing sites without increasing water costs. The Park site would be Roundtree Ranch.



**Justification:**

The project will result in long term benefits to the allocation of parks maintenance resources, water allotments and park users experience in turf areas. The primary focus is to be a leader of environmental stewardship by promoting sustainable landscape principles.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	General Fund	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$200,000</b>	<b>\$0</b>	<b>\$200,000</b>								

## Mountain Trail Improvements

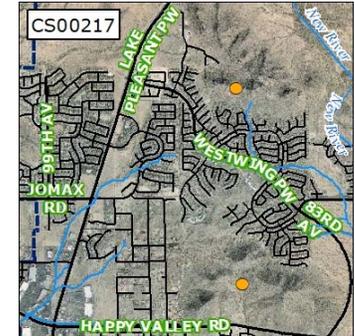
**Project Number:** CS00217    **Project Location:** Sunrise and Westwing Mountains

**Description:**

This is a request to fund improvements to existing soft surface trails on Sunrise Mountain and Westwing Mountain. Funds will provide resources to enhance the safety and sustainability of our preserve areas. In addition to soft surface trail improvements, funds will also be utilized to eliminate wildcat trails and improve drainage impacts on designated trails. Our designated trails will also be more prominent with improvements which will reduce the wildcat trails that impact the preservation of our natural areas.

**Justification:**

Sunrise Mountain was purchased in 2016 as a recreational and preservation asset for the citizens of Peoria. As citizens begin to utilize the asset it is important that we identify, communicate and provide safe trails for patrons to utilize. The intent of all of our hiking trails is to provide an outlet for citizens to escape the developed urban environment within our own community. As development occurs, these areas' value increases as well as their use. It is important that we have trails appropriately identified and marked to ensure the preservation of our natural resource remain intact. The improvements will also allow us to focus our maintenance regiment, signage packages and promotion of these unique assets.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$4,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,300
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$37,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,000
CO-Construct	Future GO Bonds Base		\$0	\$0	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$471,300</b>	<b>\$0</b>	<b>\$471,300</b>						

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$135,000</b>										
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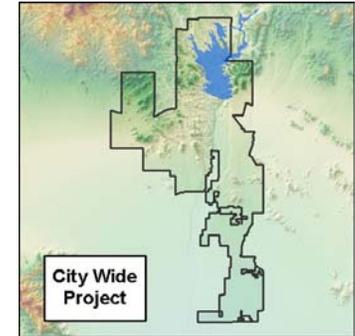
## Neighborhood Parks Refresh Program

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**Project Number:** CS00019    **Project Location:** Various

**Description:**

Partial renovation/refresh of existing City maintained neighborhood parks. Landscape renovations to include heavy vegetative cleanup with tree crown cleaning and shrub cleanup. Irrigation repairs/replacement to landscape drip systems as necessary. Replacement of lost trees and/or shrubs. Top-dress existing granite with new granite or stabilized DG (depending on site conditions). Includes utility location services for tree planting. Option to review turf grass condition to apply appropriate cultural practices. The focus of this program will work in combination with the facilities request. This request will address the soft scrap from the curb into the park to provide an aesthetically pleasing view from the roadway and would match up with the improvement from the outer ring to improvement within the park. It will allow staff to place and reconfigure the right tree/plant in the proper place. An example would be removing sissoo trees away from sidewalks and replanting with an appropriate species that won't impact walkways. The parks to be refurbished in FY 20 would be Alta Vista Park and Deer Village.



**Justification:**

Enhance image of city-owned and maintained neighborhood parks.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$309,196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$309,196
OT-Other	General Fund	Carryover	\$270,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$270,000
<b>Total Budget</b>			<b>\$579,196</b>	<b>\$0</b>	<b>\$579,196</b>								

## New River Trail - Happy Valley Rd to Jomax

**Project Number:** CS00165    **Project Location:** New River - South of HVR to Jomax Rd (East Side)

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for the New River trail along the east side of New River extending from south of Happy Valley Rd to Jomax Rd . The improvements will include: clearing and grubbing coonstruction of 12' wide concrete trail with an 8' soft trail and 2' shoulders, pedestrian bridges, drainage facilities, environmental clearances and hydroseeding. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The City of Peoria General Plan - Circulation Element recommends developing a continuous multi-modal plan to include a trail system in accordance with the Trails Master Plan. The Community Services Master Plan recommends that the trail system be expanded along rivers and washes, connected to developments and ultimately the Maricopa Regional Trail System. Phases 1 and 2 of this project will extend the trail system along the east side of New River from Happy Valley Rd to Joamx Rd. The City applied for and anticipates receiving federal funding to prepare a project assessment and 15% plans for the New River Trail (east side) from Happy Valley Rd to Jomax Rd and the Hatfield Power line Corridor Trail System from New River to 107th Avenue. Once the PA and 15% plans are completed, staff will program funding for the design, land acquisition and construction for only the section of the New River Trail from south of Happy Valley Rd to Jomax Rd. Funding for the design, land acquisition and construction for the Hatfield Power line Corridor Trail System will be programmed at a later date.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$2,500	\$0	\$20,000	\$0	\$0	\$22,500
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$68,000	\$21,000	\$133,000	\$0	\$0	\$222,000
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
DS-Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
LA-Land	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$0	\$0	\$0	\$1,400,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$320,500</b>	<b>\$1,421,000</b>	<b>\$2,153,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,894,500</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,833</b>	<b>\$17,833</b>	<b>\$17,833</b>	<b>\$17,833</b>	<b>\$17,833</b>	<b>\$17,833</b>	<b>\$106,998</b>
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## New River Trail - Villa Lindo and Pinnacle Pk

**Project Number:** CS00196    **Project Location:** West Side New River; Pinnacle Pk Rd to Happy Valley Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, a study phase which will include: assessing the feasibility of various trail alignment alternatives, identifying amenities, trail easements, 404 issues, environmental issues, archeological issues. The study will refine the plan for one alternative and complete an in-depth evaluation of the approximate costs and impacts and prepare concept level 15% plans. The project also includes the design, ROW acquisition, utility coordination, utility relocation, extending utilities, construction and construction administration for two sections of New River Trail: 1) approximately 1,800 ft. of new concrete trail along the west side of New River from the proposed Riverwalk subdivision to the south boundary of the Caballos Del Rio subdivision and 2) approximately 1,000 ft. of new concrete trail along Pinnacle Pk Rd extending from the Riverwalk subdivision trail, a pedestrian bridge over New River and a connection to the trail on the east side of New River. The improvements will include: acquisition of necessary trail easements, environmental evaluation, clearing and grubbing, excavation and grading, construction of a 12' wide concrete trail, a 8' wide soft trail, and the construction of a pedestrian bridge. The proposed trail will follow existing dirt paths. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The City's Community Services Master Plan identifies multi-use trails to be constructed in the northern portion of the City and recommends that trail system be extended and to create walking loops where possible, specifically, the City should consider formally identifying walking/running loops in as many existing and future facilities when possible and adding mileage markers to encourage active use of the walks and paths as part of resident's daily exercise routines.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	\$21,000	\$0	\$23,500
CB-Chargebac	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$50,000	\$83,000	\$0	\$153,000
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000	\$0	\$2,100,000
DS-Design	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000
SY-Study	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$160,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$302,500</b>	<b>\$2,204,000</b>	<b>\$0</b>	<b>\$2,686,500</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$188,000</b>							
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## New River Trail Connections

**Project Number:** CS00202    **Project Location:** Citywide

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for 7 trail connections between existing developments and the New River Trail System throughout the City. The improvements will include: clearing and grubbing, grading, construction of new sections of trail connecting the New River Trail System to adjacent development. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

There are 7 developments that have on-site pedestrian access that is stubbed out close to the New River Trail, the areas are identified as; Sparrow Ranch, Desert Harbor Parcel 18 (CIGNA Medical Group), Freedom Plaza, Desert Vista Place, Arrowhead Mall, SC Townhouse Manufactured Community (2 connections). This project will perfect the easements and construct the trail connections between the developments and the New River Trail System providing new and easier access to the New River Trail System. This connections will bring the trail segments to ADA standards.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds	Base	\$100,200	\$210,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$310,500
<b>Total Budget</b>			<b>\$100,200</b>	<b>\$210,300</b>	<b>\$0</b>	<b>\$310,500</b>							

<b>Total Operating Impacts</b>	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
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## New River Trail; Williams Rd to Happy Valley Rd

**Project Number:** CS00128    **Project Location:** East side of New River between Pinnacle Peak and Happy Valley Road

**Description:**

New River Trail; Williams Rd to Happy Valley Rd. This project is separated into 2 Phases; Phase 1 - Williams Rd to Pinnacle Pk Rd and, Phase 2 - Pinnacle Pk Rd to Happy Valley Rd.

Phase 1 - Provides for the coordination with the City of Glendale, adjacent property owners, public involvement, design, ROW acquisition, utility coordination, construction and construction administration for the construction of the low-water crossing at New River connecting the City's trail that terminates at Williams Rd on the west side of New River to the City of Glendale's New River Trail Path to be located on the east side of New River. Glendale's trail will extend from Hillcrest Blvd to Pinnacle Pk Rd. The trail project is scheduled to commence construction in October 2018 and be completed by March 2019. Phase 2 - Provides for the coordination with adjacent property owners, public involvement, design, land acquisition, utility coordination, construction and construction administration for the remaining sections of the trail along the east side of New River and extending from Pinnacle Peak Road to south of Happy Valley Road. The improvements will include: clearing and grubbing, obtaining new easements, construction of a concrete trail. This project may also require processing of design and construction agreements, development and intergovernmental agreements. The design and land acquisition phases of the trail is in progress.



**Justification:**

The City of Peoria General Plan - Circulation Element recommends developing a continuous multi-modal plan to include a trail system in accordance with the Trails Master Plan. The Community Services Master Plan recommends that the trail system be expanded along rivers and washes, connected to developments and ultimately the Maricopa Regional Trail System. Phases 1 and 2 of this project will extend the trail system along the east side of New River from Williams Rd to Happy Valley Rd.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	DIF - Open Space	Base	\$103,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,960
CO-Construct	DIF - Trails	Base	\$45,503	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,503
CO-Construct	DIF - Trails	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
LA-Land	DIF - Trails	Carryover	\$20,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,611
CO-Construct	Future GO Bonds	Base	\$406,602	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406,602
CO-Construct	GO Bonds 2019	Carryover	\$105,263	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105,263
LA-Land	Non-Bond Capital	Carryover	\$142,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,500
<b>Total Budget</b>			<b>\$1,074,439</b>	<b>\$0</b>	<b>\$1,074,439</b>								

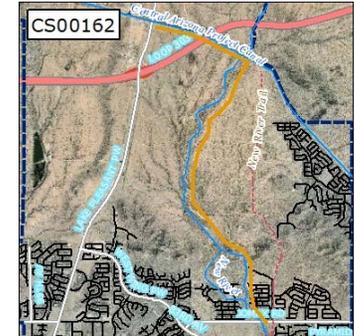
<b>Total Operating Impacts</b>	<b>\$86,924</b>	<b>\$108,946</b>	<b>\$62,032</b>	<b>\$1,020,524</b>									
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## NRT - Jomax Rd to CAP and CAP to LPP

**Project Number:** CS00162    **Project Location:** New River - Jomax Rd to CAP and along CAP to LPP

**Description:**

This project (CS00162) provides for the coordination and preparation of a Design Concept Report (DCR) for constructing a regional trail along the east side of the New River from Jomax Rd to the Central Arizona Project (CAP) canal and along the CAP to Lake Pleasant Parkway. Under the scope of this project a consultant and City staff will work with area stakeholders, land owners, adjacent property owners, developers, CAP, FCDMC, USACOE, city departments, and utility companies to assess the feasibility of various trail alternatives, identify amenities, trail easements, 404 issues, environmental issues, archeological issues, refine the plan for one alternative and complete an in-depth evaluation of the approximate impacts, costs and prepare concept level 15% plans. Upon completion of the study, staff will program the funding for design, land acquisition and construction to be considered in the 10 year CIP.



**Justification:**

The Community Services Master Plan recommends; 1) that the trail network be expanded by developing new trails, trailheads and connections to community amenities, and 2) Enhance the trail connectivity in Peoria by linking the trail connections from existing and future development to the core trail network. and 3) Coordinate with Maricopa County Parks and Recreation Department to implement sections of The Maricopa County Regional Trail System Plan, which establishes a framework to link approximately 242 miles of existing and proposed trails to create the Maricopa Trail loop around the Valley. The primary purpose of this section of the New River Trail is to continue and provide a safe, convenient, and functional transportation link for pedestrians and bicyclists who seek to utilize non-motorized modes of transportation to meet their regular travel needs and for recreational purposes.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$12,800	\$0	\$0	\$0	\$0	\$0	\$0	\$12,800
SY-Study	Future GO Bonds Base		\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,800</b>

## Paloma Community Park

**Project Number:** CS00059    **Project Location:** Lake Pleasant Parkway at Dixileta Dr.

**Description:**

This is a request to fund the development of a community park in the northern portion of Peoria. In FY 2015, a study was conducted that concluded that the New River Dam impoundment area near Lake Pleasant Parkway and Dixileta Drive was the most viable location for the next community park. The study evaluated multiple parcels and analyzed landform factors, infrastructure requirements, and costs of acquisition. Park test fit concepts were presented to the public in early 2016 in a series of public meetings. Park amenities will be similar to those offered at Rio Vista and Pioneer Community Parks including lighted fields, playgrounds, ball courts, a fishing lake, and a possible trailhead. Funding will be used for expenses related to, design, construction, development fees, outside agency and public utility agreements, and park related capital equipment costs. A future phase of development (not funded) includes a recreation center and pool.



**Justification:**

Through the Community Services Master Plan update, it recommended building a community park north of Bell Road. According to the 2013 Needs Assessment Survey, large community parks were listed as one of the facility types identified by households as being the most needed north of Bell Road.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Citywide Park/Re	Carryover	\$1,378,865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,378,865
CO-Construct	DIF - Parks	Carryover	\$3,090,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,090,000
EQ-Equipment	DIF - Parks	Carryover	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
AT-Arts	Future GO Bonds	Base	\$0	\$17,469	\$18,710	\$168,392	\$0	\$0	\$0	\$0	\$0	\$0	\$204,571
CB-Chargebac	Future GO Bonds	Base	\$0	\$114,660	\$114,660	\$114,660	\$0	\$0	\$0	\$0	\$0	\$0	\$343,980
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$1,871,018	\$16,839,158	\$0	\$0	\$0	\$0	\$0	\$0	\$18,710,176
DS-Design	Future GO Bonds	Base	\$0	\$1,746,864	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,746,864
EQ-Equipment	Future GO Bonds	Base	\$0	\$0	\$0	\$555,300	\$0	\$0	\$0	\$0	\$0	\$0	\$555,300
CO-Construct	GO Bonds 2019	Carryover	\$17,371,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,371,534
CO-Construct	NeighPkDevl Fees	Carryover	\$32,922	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,922
CO-Construct	Other Capital	Carryover	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000,000
<b>Total Budget</b>			<b>\$33,373,321</b>	<b>\$1,878,993</b>	<b>\$2,004,388</b>	<b>\$17,677,510</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$54,934,212</b>

<b>Total Operating Impacts</b>	<b>\$1,333,045</b>	<b>\$1,333,045</b>	<b>\$1,333,045</b>	<b>\$1,777,618</b>	<b>\$6,442,461</b>								
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## Paloma Community Park Trails

**Project Number:** CS00218    **Project Location:** Paloma Community Park

**Description:**

This is a request to fund improvements to trails that will connect Westwing Mountain and Paloma Community Park. In addition, it is anticipated that within the IGA with Maricopa County Flood Control District and the City of Peoria for Paloma Community Park we will be issued a recreational use easement for the open space between Paloma Community Park and Sonoran Mt. Ranch Park. Within this parcel there are existing wildcat trails that exist because of non-permitted use. These funds will provide the resource to better define a trails system. With the recreational use easement, the City of Peoria will have a unique recreational asset that not many cities have. These trail improvements will provide the connectivity of Sunrise Mt. to Westwing Mt., Westwing Mt. to Paloma Community Park, Paloma Community Park to Sonoran Mt. Ranch Park, and Sonoran Mt. Ranch Park to Eastwing Mt.



**Justification:**

Provide an easily identifiable and safe trail system that can be enjoyed by hikers, bikers and equestrian users.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$3,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,750
CO-Construct	Future GO Bonds Base		\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
DS-Design	Future GO Bonds Base		\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
SY-Study	Future GO Bonds Base		\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$403,750</b>	<b>\$0</b>	<b>\$403,750</b>						

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83,272</b>	<b>\$666,176</b>									
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## Park and Recreation Facility Refurbishment

**Project Number:** CS00185    **Project Location:** Various

**Description:**

This funding will be used for asset replacement and maintenance projects based on operational priority, such as pool maintenance, park refurbishment, refurbishment of practice fields and turf, landscape features, trail improvements and repairs, asset replacement such as playground equipment, fitness equipment, library checkout machines and air conditioning units, and Parks, Recreation and Community Facility building maintenance and improvements such as paint, furniture and flooring replacements.

**Justification:**

The facilities in the Department offer a variety of recreational activities for the public to enjoy and are used daily. Due to the abundant amount of use, amenities wear, break, and degrade in appearance. This project funds the ability to provide safe, updated, and aesthetically pleasing facilities.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Carryover	\$143,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143,000
OT-Other	General Fund	Base	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
<b>Total Budget</b>			<b>\$1,643,000</b>	<b>\$0</b>	<b>\$1,643,000</b>								

## Parks, Recreation, Community Fac ADA Compliance

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**Project Number:** CS00177    **Project Location:** Citywide

**Description:**

Title II of the Americans with Disabilities Act (ADA) requires that all municipal sites and facilities be evaluated for accessibility to the programs and services provided, including those that existed before 1992. In September 2010, the Department of Justice published a new ADA Title II regulation that included new accessibility standards known as the “2010 ADA Standards for Accessible Design”. The City of Peoria is required to use these new “2010 ADA Standards for Accessible Design” to evaluate all existing sites.

**Justification:**

The ADA study was completed in early 2014. A final report identifies access deficits and a solution for each throughout the parks and recreation system. Recommendations have been provided in the report for phasing of the changes that are required by Title II of the Americans with Disabilities Act. These changes include everything from parking lots, signage, structural barriers and more in the City’s recreational facilities, libraries, sports complexes, parks and trail systems.



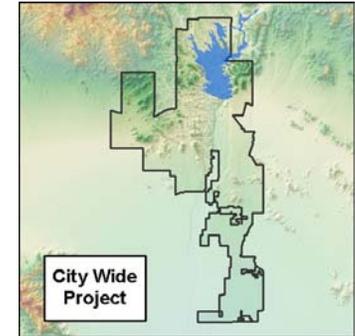
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Carryover	\$255,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000
<b>Total Budget</b>			<b>\$255,000</b>	<b>\$0</b>	<b>\$255,000</b>								

## Retention Basin Refresh Program

**Project Number:** CS00004    **Project Location:** Various

**Description:**

Partial renovation or refresh of existing storm water retention basins owned by the City based on a prioritized ranking of current landscape conditions. Landscape renovations to include heavy vegetative cleanup with tree crown cleaning, irrigation repairs and replacement as necessary. Replacement of lost trees and/or shrubs. Top-dress existing granite with new granite. Includes utility location services for tree planting. Funds will be utilized to execute the prioritized list of retention basins. The refresh will include irrigation repairs, plant replacements, DG refresh and tree lifting. The majority of the vegetative refurbishment will occur 20-30 feet off the boundary property lines. The priorities will be based on the prioritized list.



**Justification:**

Enhance image of city owned and maintained stormwater retention basins.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$209,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$209,164
OT-Other	General Fund	Carryover	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
<b>Total Budget</b>			<b>\$224,164</b>	<b>\$0</b>	<b>\$224,164</b>								

## Rio Vista Skate Park

**Project Number:** CS00215    **Project Location:** Rio Vista Community Park

**Description:**

This project entails the completion of a structural study for the existing skate park to investigate and determine solutions for vertical and horizontal cracking in concrete throughout the entire surface. The intent of the study is to determine if the continuation of crack repairs are sustainable long term or if it is needed to alter design elements.

**Justification:**

The Rio Vista skate park is over 13 years old and is a destination amenity for Peoria residents. This asset is heavily used and by nature of the use it receives, it is susceptible to damage that can begin to compound into greater issues. This request is to get in front of the degradation that will turn more costly as the facility continues to age.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	General Fund	Base	\$0	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
CO-Construct	General Fund	Base	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
DS-Design	General Fund	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
SY-Study	General Fund	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>Total Budget</b>			<b>\$50,000</b>	<b>\$202,000</b>	<b>\$0</b>	<b>\$252,000</b>							

## Senator McCain Vietnam Veterans Memorial Plaza

**Project Number:** CS00223    **Project Location:** Rio Vista Community Park

**Description:**

This is a request for the final design and construction of enhanced seating, sponsor recognition, landscape and natural shade enhancements at the newly named Senator John McCain Vietnam Veterans Plaza, located around the Huey Helicopter display at the Peoria Veterans Memorial, Rio Vista Park. Project completion is planned for dedication at the 2019 Veterans Memorial Services on Monday, November 11, 2019. Proposed budget includes capacity for the receipt of sponsorship funding from business and individual community members. The Peoria Veterans Memorial Board has reviewed and supports the design concepts and will lend to the community awareness and fundraising campaign.



**Justification:**

The 2017 Veterans Memorial expansion included the Huey Display on loan from the Lighthouse Legacy, a non-profit organization dedicated to veterans and encouraging the treatment and healing of Post-Traumatic Stress Disorders. Based on visitor interest and input, the concepts of additional seating, comforting landscape and natural shade areas at the plaza are the foundation of this project. In 2018, Mayor and Council dedicated the Plaza in the memory of Arizona Senator, John McCain.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
DS-Design	General Fund	Base	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
CO-Construct	Outside Sources	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
<b>Total Budget</b>			<b>\$260,000</b>	<b>\$0</b>	<b>\$260,000</b>								

## Skunk Creek Multi-Use Path

**Project Number:** CS00146    **Project Location:** 73rd Av to 83rd Av

**Description:**

This project entails the design and construction of the Skunk Creek Multi-use Path which will provide missing connections to the city of Glendale (at 73rd Avenue) and crucial connections into the Peoria Sports Complex and P83 Entertainment District. The City of Peoria received a Design Assistance grant from MAG to pursue a Design Concept Report (DCR) for 15% design for the undeveloped Skunk Creek Multi-Use Path segments. The City of Peoria was awarded a \$1,545,788 grant from MAG (CMAQ) for FY 2022 towards the construction of two segments on City of Peoria and/or Flood Control District of Maricopa County land; 73rd to 75th Ave, and 75th Ave. to 83rd Ave. Any additional grant funding received would be prioritized toward trail lighting, landscape improvements, and 75th Ave crossing enhancements. Project expenditures will include City procured professional services, development fees, and ADOT project administration charges.



**Justification:**

This portion of the Skunk Creek Trail has been identified in a number of policy documents, including the General Plan and Community Services Master Plan. This area is already heavily trafficked by walkers/joggers and is commonly used for 5k races around the ballfields.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds	Base	\$0	\$4,621	\$4,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,262
CB-Chargebac	Future GO Bonds	Base	\$0	\$59,479	\$59,479	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$118,958
CO-Construct	Future GO Bonds	Base	\$0	\$239,060	\$464,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$703,119
DS-Design	Future GO Bonds	Base	\$0	\$223,032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$223,032
CO-Construct	Outside Sources	Base	\$0	\$0	\$1,545,788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,545,788
<b>Total Budget</b>			<b>\$0</b>	<b>\$526,192</b>	<b>\$2,073,967</b>	<b>\$0</b>	<b>\$2,600,159</b>						

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$140,000</b>							
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## Sonoran Mountain Ranch Park Improvements

**Project Number:** CS00204    **Project Location:** N. Chaffin Blvd & W. Miner Trail

**Description:**

This project entails the update of park amenities that will be determined through a public input process. A design professional will be chosen to assist the City in facilitating public meeting(s) and preparing visuals of amenity alternatives. The City will utilize its contracted Parks Job Order Contractor(s) to advise on project costs and for project construction in the subsequent year. Amenities at Sonoran Mountain Ranch Park could include a hard court shade structure, enhanced playground shade, skate pad, misting pad, or fenced dog run. Minor enhancements of existing playground fall surfacing, lighting repairs, and/or a restroom refresh would be undertaken concurrently.

**Justification:**

Sonoran Mountain Ranch Park was constructed in the mid 2000's. Continued residential growth in this community has led to increased utilization of the park. This park is of a size that can accommodate one or more additional park amenities without compromising the open turf park character.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Future GO Bonds Base		\$337,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,121
CO-Construct	Future GO Bonds Carryover		\$46,476	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,476
<b>Total Budget</b>			<b>\$383,597</b>	<b>\$0</b>	<b>\$383,597</b>								

## Sunrise Mountain Trailhead

**Project Number:** CS00206    **Project Location:** 91st and Happy Valley rd

**Description:**

The project entails the design and construction of a trailhead, semi-improved mountain trail, restroom building and related parking and resting node appurtenances at Sunrise Mountain.

**Justification:**

There is a desire to offer these types of amenities at city facilities.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$5,393	\$26,403	\$0	\$0	\$0	\$0	\$0	\$0	\$31,796
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$33,930	\$33,930	\$0	\$0	\$0	\$0	\$0	\$0	\$67,860
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$2,640,322	\$0	\$0	\$0	\$0	\$0	\$0	\$2,640,322
DS-Design	Future GO Bonds Base		\$0	\$0	\$539,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$539,250
EQ-Equipment	Future GO Bonds Base		\$0	\$0	\$0	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500
LA-Land	Future GO Bonds Base		\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$579,573</b>	<b>\$2,711,155</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,290,728</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83,272</b>	<b>\$499,632</b>						
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## The Meadows Neighborhood Park

**Project Number:** CS00086    **Project Location:** Northern Camino a Lago Area (south of Pinnacle Peak Rd.)

**Description:**

This project involves development of a neighborhood park in the North section of the Camino a Lago site (The Meadows). This project includes land acquisition, design and construction of a 10-acre neighborhood park with typical amenities such as playgrounds, picnic shelters, hard court surfacing, landscaping, restroom, lighted multi-use fields, etc.

**Justification:**

As development continues in the northern portion of the Camino a Lago area, a neighborhood park will be needed. This park has been identified in the Community Services Master Plan.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	GO Bonds 2019	Carryover	\$3,337,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,337,418
CO-Construct	Other Capital	Carryover	\$1,100,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,103
<b>Total Budget</b>			<b>\$4,437,521</b>	<b>\$0</b>	<b>\$4,437,521</b>								

<b>Total Operating Impacts</b>	<b>\$190,784</b>	<b>\$162,284</b>	<b>\$0</b>	<b>\$1,489,056</b>								
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## Trailhead at Vistancia

**Project Number:** CS00159    **Project Location:** Vistancia

**Description:**

This project will provide funding to construct a Type I trailhead near White Peak mountain in Vistancia North to provide access to mountain hiking trails. Amenities will include parking, restroom, picnic shelters, benches, drinking fountain, bike racks, signage, landscape, shade, etc.

**Justification:**

This project is identified in the Community Services Master Plan.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$3,326	\$20,683	\$0	\$0	\$24,009
CB-Chargebac	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$47,948	\$47,948	\$0	\$0	\$95,896
CO-Construct	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,068,329	\$0	\$0	\$2,068,329
DS-Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$332,649	\$0	\$0	\$0	\$332,649
LA-Land	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$404,000	\$0	\$0	\$0	\$404,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$787,923</b>	<b>\$2,136,960</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,924,883</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,900</b>	<b>\$230,300</b>								
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## Westwing Park - ADA Connection to Maya Way

**Project Number:** CS00230    **Project Location:** Westwing Park and Maya Way

**Description:**

This project provides for the coordination with City departments, adjacent property owners, public involvement, design, utility coordination, utility relocation, construction and construction administration for the construction of a ADA ramp and an 8-foot wide concrete path extending from Maya Way to the Westwing Park sidewalk along the west side of the parking lot. The improvements will include: clearing and grubbing, grading, saw cut along existing pavement, install new pavement, concrete path, decomposed granite, a handicap ramp, restore landscape and irrigation system and striping and signage. This project may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The City has received a number of citizen requests to convert the existing decomposed granite trail extending from Maya Way to the to the existing play plaza sidewalk at the Westwing Park lot to a concrete path that meets ADA standards. This project will design and construct a new ADA ramp at Maya Way and an 8-foot wide concrete sidewalk, underlain with 4-inches of aggregate base, from the play plaza sidewalk to Maya Way, a portion of the path will be 9-inches thick in order to support City maintenance trucks and vehicles, a new ADA mid-block ramp on Maya to provide connectivity, decomposed granite, which will be installed on both sides of the proposed sidewalk, clearing & grubbing, grading to ensure drainage of the park is not impacted, removing and relocation of existing landscaping and landscape irrigation, removal of existing curb and gutter, and installation of appropriate signage.

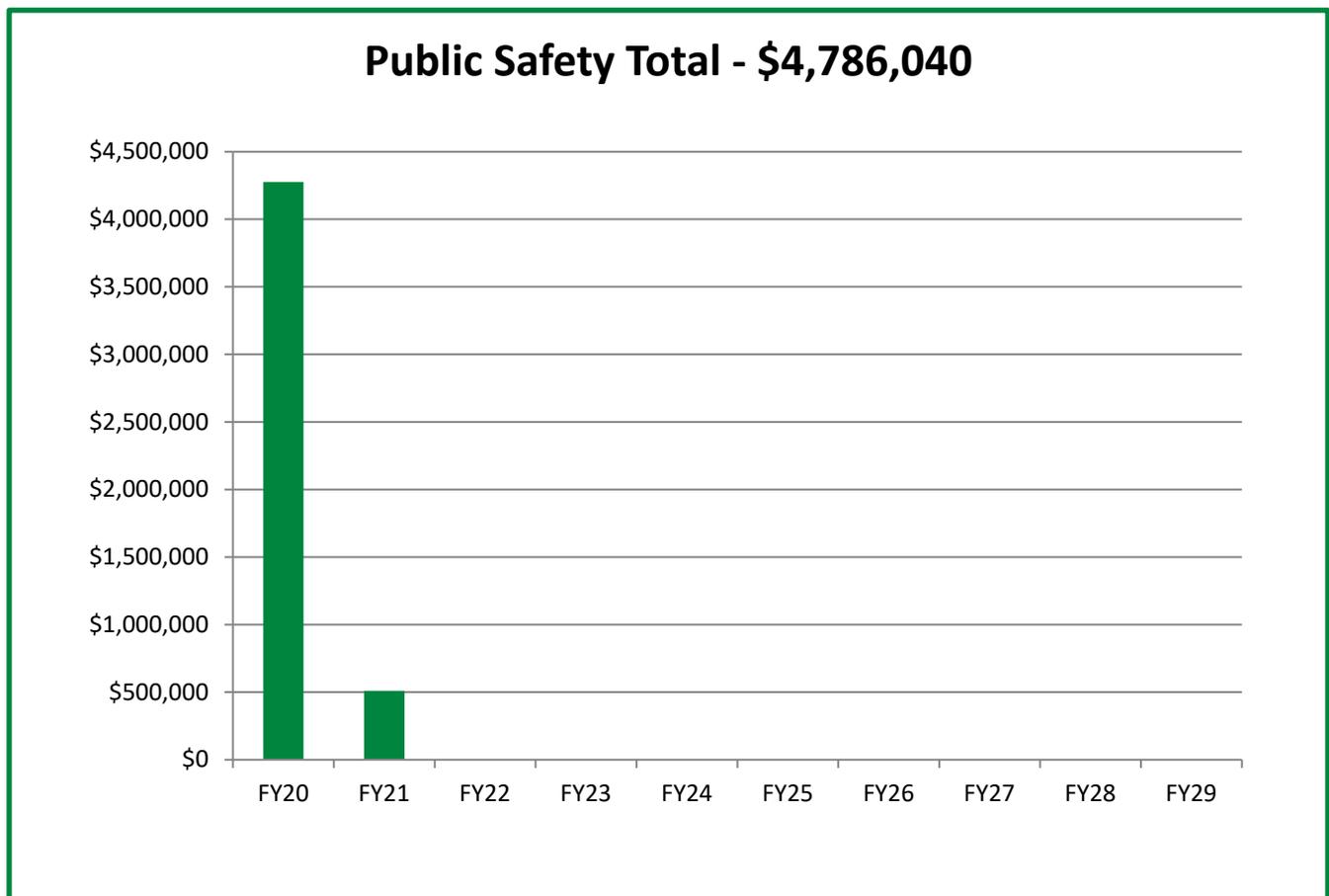
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Other Capital	Base	\$183,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$183,563
DS-Design	Other Capital	Base	\$28,435	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,435
<b>Total Budget</b>			<b>\$211,998</b>	<b>\$0</b>	<b>\$211,998</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$1,590</b>	<b>\$14,310</b>										
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# Public Safety

Peoria’s public safety functions include not only the Police and Fire-Medical departments, but also the City Attorney’s Office and the Municipal Court. Capital needs for these functions are addressed either as operational facilities, such as the Municipal Court Expansion, or as public safety projects. Public safety projects include police precincts, fire stations, ladder trucks, and training facilities.

Public safety projects in the 10-year program are funded primarily through operating revenues, general obligation bonds, and development impact fees. Public Safety projects include replacement of the Fire Department’s mobile and portable radios, replacement of the self-contained breathing apparatus, expansion of the dorm at Fire Station No. 2, and installation of an emergency-only traffic signal at Fire Station No. 7.



## Public Safety

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
Fire Station No. 2 Dorm Expansion	134	\$244,735	\$0	\$0	\$0	\$0	\$0	<b>\$244,735</b>
Fire Station No. 7 Jomax Emergency Traffic Signal	135	\$110,000	\$509,305	\$0	\$0	\$0	\$0	<b>\$619,305</b>
Fire Support Services Building Fiber Installation	136	\$157,000	\$0	\$0	\$0	\$0	\$0	<b>\$157,000</b>
Mobile and Portable Radios Replacement	137	\$2,000,000	\$0	\$0	\$0	\$0	\$0	<b>\$2,000,000</b>
Self-Contained Breathing Apparatus	138	\$1,765,000	\$0	\$0	\$0	\$0	\$0	<b>\$1,765,000</b>
<b>Total - Public Safety</b>		<b>\$4,276,735</b>	<b>\$509,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,786,040</b>

## Public Safety

### Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
1000 - General Fund	\$1,922,000	\$0	\$0	\$0	\$0	\$0	\$1,922,000
4254 - Future GO Bonds	\$244,735	\$0	\$0	\$0	\$0	\$0	\$244,735
4550 - Other Capital	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
7935 - DIF - Fire	\$110,000	\$509,305	\$0	\$0	\$0	\$0	\$619,305
<b>Total - Public Safety</b>	<b>\$4,276,735</b>	<b>\$509,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,786,040</b>

## Fire Station No. 2 Dorm Expansion

**Project Number:** FD00011    **Project Location:** 18500 N. 89th Ave.

**Description:**

This project entails the expansion of Peoria Fire-Medical Station No. 2 to include four to six dorm rooms, additional crew office, secure surface parking, medical supply storage and a remote mid-height apparatus bay for the low acuity unit. Fire Station No. 2 was constructed in 2004 and capital budget limitations led to the need to phase the station's dorm capacity with growth in services. The expansion of the station will also entail modifications to existing site retention and landscaping. Additional City project expenses include expanded IT infrastructure, alarm radio system expansion, and dorm furnishings.

**Justification:**

The Peoria Fire-Medical Department is improving medical response for Peoria residents in innovative ways. New programs include deploying a low acuity unit, implementing a Community Paramedicine program and adding emergency transportation services. Fire Station No. 2 has the highest call volume of all Peoria's fire stations, with an average of 385 calls per month. This makes it the ideal station to house new programs to better serve the community. However, the station's dorm area is currently limited to one crew.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
DS-Design	Future GO Bonds Base		\$197,867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$197,867
OT-Other	Future GO Bonds Base		\$46,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,868
<b>Total Budget</b>			<b>\$244,735</b>	<b>\$0</b>	<b>\$244,735</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,000</b>	<b>\$216,000</b>									
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## Fire Station No. 7 Jomax Emergency Traffic Signal

**Project Number:** FD13101    **Project Location:** Jomax Rd at 77th Av Alignment

**Description:**

The Jomax Fire Station #7 Emergency Traffic Signal project includes the design, land acquisition, and construction of an emergency (only) traffic signal in front of the fire station on Jomax Road at approximately the 77th Av alignment. During an emergency call, the departure of fire apparatus from the fire station bay(s) will trigger the signal to stop east and west bound traffic on Jomax Road, thereby avoiding traffic conflict. The signal will be clearly identified as serving the fire station (only) and does not interrupt normal traffic flow.

**Justification:**

In September 2006, the Mayor and Council awarded the construction contract for the Jomax Fire Station. The surrounding development was in its infancy at the time of the station's construction, therefore funding is identified as a future expenditure for the emergency traffic signal. Subsequent development in the vicinity continues to increase traffic flow on Jomax Road thus requiring the need for the emergency signal. The project's cost timing anticipates a recovery of development activity in the area and heightened traffic within five years. Once completed, all of Peoria's fire stations will have an emergency traffic signal.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	DIF - Fire	Base	\$0	\$4,805	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,805
CB-Chargebac	DIF - Fire	Base	\$0	\$24,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000
CO-Construct	DIF - Fire	Base	\$0	\$480,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$480,500
DS-Design	DIF - Fire	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
LA-Land	DIF - Fire	Base	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
<b>Total Budget</b>			<b>\$110,000</b>	<b>\$509,305</b>	<b>\$0</b>	<b>\$619,305</b>							

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,040</b>	<b>\$56,320</b>									
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## Fire Support Services Building Fiber Installation

**Project Number:** FD00020    **Project Location:** 8557 N. 78th Ave

**Description:**

This project will fund the installation of a singlemode 48 strand fiber optic cable between the City's current fiber network to the Fire Support Services Building. Connecting the building via fiber cable will improve user productivity through better network connection and performance.

**Justification:**

The current bandwidth cannot support multiple users on multiple computers at the same time. This is causing a disruption in productivity on a daily basis. The IT department has tried many options to improve the wireless bandwidth performance, which is running around 40-80 megabit per second (mbps). Connecting the building with a hard wire fiber run will increase connectivity to a minimum of 1000 mbps allowing multiple users to have constant connection at greater speeds without outside interference.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	General Fund	Base	\$131,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,000
DS-Design	General Fund	Base	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000
OT-Other	General Fund	Base	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
<b>Total Budget</b>			<b>\$157,000</b>	<b>\$0</b>	<b>\$157,000</b>								

## Mobile and Portable Radios Replacement

**Project Number:** FD00014    **Project Location:** Citywide

**Description:**

The Fire-Medical Department is replacing the entire existing radio inventory including 146 portable (handheld) and 40 mobile (vehicle) 800 MHz radios due to age and compatibility with other equipment.

**Justification:**

Good radio communications is vital to fireground survival. The department's current Motorola APX7000 radios are outdated and increasingly more difficult/expensive to maintain. Motorola's APX8000 radio has new and improved technology, including Bluetooth capabilities to communicate through the new self-contained breathing apparatus facemasks. They also include noise-cancelling technology and increased durability. In addition, going with the newer model of the Motorola radio, the department will utilize existing chargers to save cost.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Other Capital	Base	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
<b>Total Budget</b>			<b>\$2,000,000</b>	<b>\$0</b>	<b>\$2,000,000</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$9,300</b>	<b>\$83,700</b>										
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## Self-Contained Breathing Apparatus

**Project Number:** FD00017    **Project Location:** Citywide

**Description:**

Self Contained Breathing Apparatus have a safe usable lifespan of approximately ten years. Our current SCBA's were purchased in 2009. With new technology comes increased safety and reliability, in addition to an improved external communication component for the end user (the firefighter).

**Justification:**

Increased safety for firefighters. Newer technology. Current SCBA's no longer supported by the manufacturer with spare parts. Met their ten-year life span.



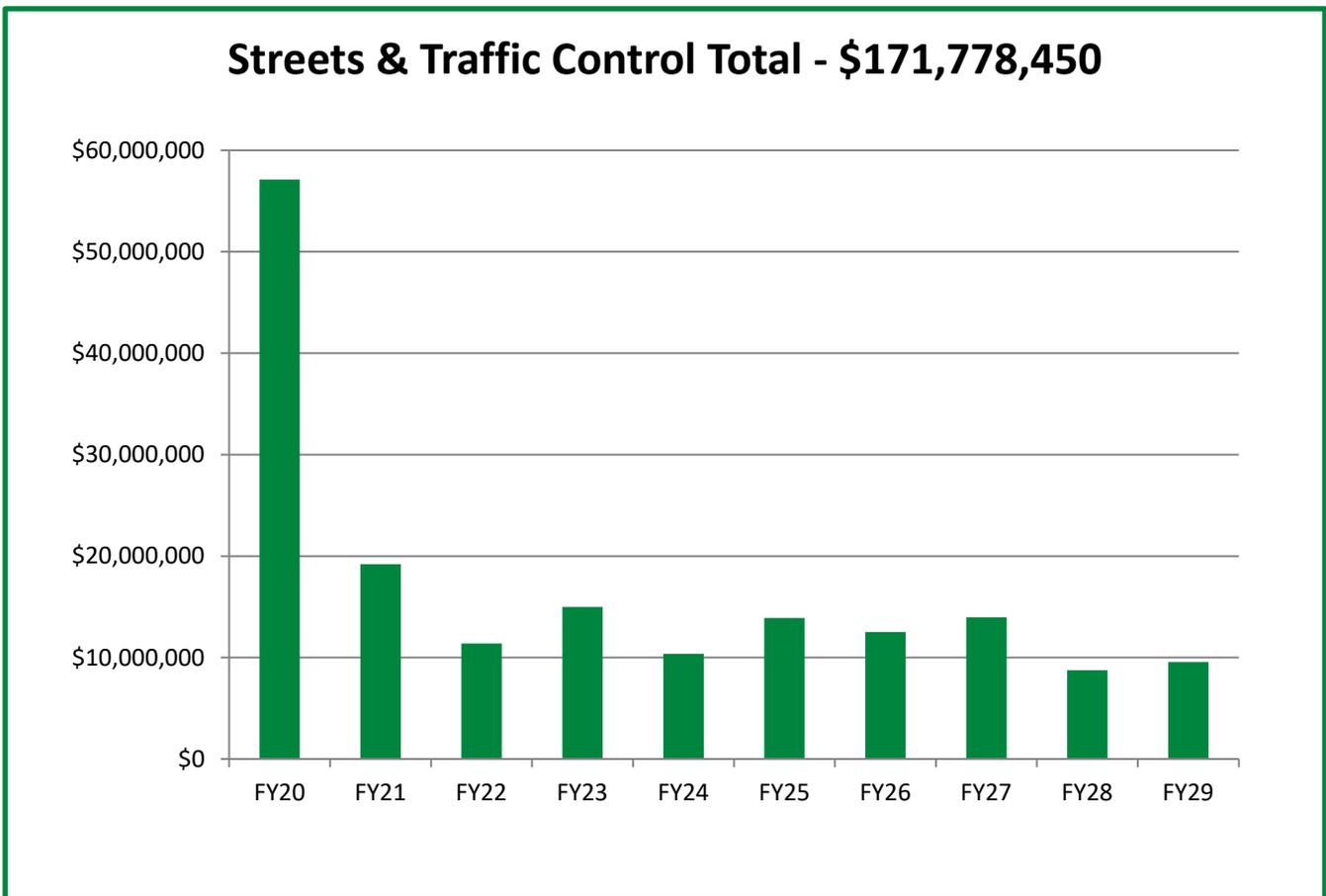
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	General Fund	Carryover	\$1,765,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,765,000
<b>Total Budget</b>			<b>\$1,765,000</b>	<b>\$0</b>	<b>\$1,765,000</b>								

<b>Total Operating Impacts</b>	<b>\$25,000</b>	<b>\$0</b>	<b>\$225,000</b>										
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# Streets and Traffic Control

Transportation-related issues are a high priority for the City of Peoria. The Capital Improvement Program addresses traffic congestion by constructing new roadways, adding lanes to existing roadways, widening intersections, and enhancing traffic management systems. The maintenance and preservation of roadways is an important component of the program, which provides the necessary resources for scheduled pavement maintenance applications throughout the city.

Transportation projects in the city’s 10-year plan are funded from operating revenues, general obligation bonds, development impact fees, the city’s three-tenths of a cent transportation sales tax, and reimbursements from Maricopa County’s half-cent transportation sales tax. Major projects in the plan include the widening of Happy Valley Parkway from Lake Pleasant Parkway to Loop 303, extending Jomax Road from Vistancia Blvd to the Loop 303, Pinnacle Peak improvements from 91<sup>st</sup> Avenue to Lake Pleasant Parkway, and median improvements at the Peoria Auto District.



## Streets

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
103rd Av; Northern Ave to Olive Ave - Full Street	145	\$2,655,942	\$0	\$0	\$0	\$0	\$0	\$2,655,942
107th Av; Williams Rd to Hatfield Rd DCF	146	\$273,000	\$0	\$0	\$0	\$0	\$0	\$273,000
67th Av; Olive Av to Redfield Rd Landscape Enhance	147	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
67th Ave Widening; Pinnacle Peak to Happy Valley	148	\$140,000	\$925,362	\$1,152,500	\$3,490,531	\$0	\$0	\$5,708,393
75th Av; Grand Av to Tbird Rd Landscape Enhancemnt	149	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
83rd Ave Bus Shelters	150	\$91,917	\$0	\$0	\$0	\$0	\$0	\$91,917
85th Av & Olive Av Traffic Signal	151	\$0	\$0	\$0	\$0	\$128,000	\$1,305,000	\$1,433,000
87th Av & Peoria Av Intersection Alignment	152	\$49,325	\$0	\$0	\$0	\$0	\$0	\$49,325
91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemn	153	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
ADA Accessibility	154	\$729,081	\$160,000	\$575,000	\$160,000	\$575,000	\$1,630,000	\$3,829,081
Bridge Maintenance & Guardrail Replacement Program	155	\$503,416	\$327,000	\$327,000	\$327,000	\$327,000	\$1,635,000	\$3,446,416
Cactus Rd - 67th Av-83rd Av Landscape Enhancement	156	\$0	\$0	\$0	\$0	\$0	\$2,083,498	\$2,083,498
Cactus Rd & 69th Av Sidewalk, North Side	157	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Chip Seal Rural Maintenance	158	\$460,396	\$0	\$0	\$0	\$0	\$423,695	\$884,091
City Parks Parking Lots - Asphalt Replacement	159	\$125,000	\$150,000	\$0	\$261,000	\$0	\$611,000	\$1,147,000
Deer Valley Rd and 95th Av Traffic Signal	160	\$670,100	\$0	\$0	\$0	\$0	\$0	\$670,100
Deer Valley Rd; 109th Ave to Lake Pleasant Pkwy	161	\$1,293,499	\$0	\$0	\$0	\$0	\$0	\$1,293,499
El Mirage Rd; Blackstone Dr to Westland Rd	162	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$1,870,000
Happy Valley Pkwy Widening; LPP to Agua Fria	163	\$19,988,116	\$0	\$0	\$0	\$0	\$0	\$19,988,116
Jomax Rd Improvements; 72nd Dr to 75th Ave	164	\$1,707,906	\$2,202,000	\$0	\$0	\$0	\$0	\$3,909,906
Jomax Rd; Loop 303 to Vistancia Blvd	165	\$2,643,896	\$6,141,000	\$0	\$0	\$0	\$0	\$8,784,896
Lake Pleasant Parkway Sidewalk	167	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Lake Pleasant Pkwy & Dixileta Dr Intersection Mods	168	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000

## Streets

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
Major Street Repairs	169	\$150,000	\$151,500	\$151,500	\$151,500	\$151,500	\$757,500	\$1,513,500
Northern Parkway	170	\$1,000,000	\$1,021,500	\$1,021,500	\$1,021,500	\$1,021,500	\$6,812,744	\$11,898,744
Paradise RV Entrance & Union Hills Dr Modification	171	\$380,000	\$0	\$0	\$0	\$0	\$0	\$380,000
Pavement Management Program - Preservation	172	\$3,465,346	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$17,500,000	\$34,965,346
Pavement Management Program - Rehabilitation	174	\$8,846,188	\$2,550,000	\$2,550,000	\$2,550,000	\$2,550,000	\$12,254,950	\$31,301,138
Peoria Auto District	175	\$1,204,064	\$0	\$0	\$0	\$0	\$0	\$1,204,064
Peoria Av & 77th Av Intersection Improvements	176	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Peoria Av; 69th Av-79th Av Landscape Enhancement	177	\$0	\$0	\$0	\$0	\$0	\$1,335,477	\$1,335,477
Pinnacle Peak Rd; 91st Ave-Lake Pleasant Pkwy	178	\$4,472,595	\$0	\$0	\$0	\$0	\$0	\$4,472,595
Resurvey Benchmarks	179	\$0	\$240,000	\$0	\$0	\$0	\$240,000	\$480,000
Sidewalks Annual Program	180	\$195,581	\$107,400	\$107,400	\$107,400	\$107,400	\$537,000	\$1,162,181
Sonoran Mountain Ranch Emergency Access	181	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Streetlight Pole Replacement Program	182	\$590,000	\$590,000	\$590,000	\$590,000	\$390,000	\$1,950,000	\$4,700,000
Technical Pavement Condition Survey & Support	183	\$255,000	\$0	\$0	\$255,000	\$0	\$510,000	\$1,020,000
Thunderbird Rd; 67th Av-81st Av Lndscape Enhancemt	184	\$0	\$0	\$0	\$0	\$0	\$1,516,904	\$1,516,904
Utility Undergrounding Program	185	\$0	\$0	\$0	\$0	\$0	\$2,140,000	\$2,140,000
<b>Total - Streets</b>		<b>\$55,460,368</b>	<b>\$18,065,762</b>	<b>\$10,274,900</b>	<b>\$12,413,931</b>	<b>\$8,750,400</b>	<b>\$53,242,768</b>	<b>\$158,208,129</b>

## Traffic Control

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
Install CCTV Equipment Citywide	186	\$220,000	\$229,200	\$0	\$0	\$0	\$0	<b>\$449,200</b>
North Peoria Communications Backup	187	\$0	\$0	\$0	\$1,656,600	\$0	\$0	<b>\$1,656,600</b>
Traffic Management Center Equipment Replacement	188	\$0	\$0	\$0	\$0	\$505,000	\$505,000	<b>\$1,010,000</b>
Traffic Signal Interconnect Project (TSIP)	189	\$263,501	\$0	\$207,000	\$0	\$207,000	\$414,000	<b>\$1,091,501</b>
Traffic Signal Program	190	\$873,020	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	<b>\$6,273,020</b>
Traffic Signal Renovation and Replacement	191	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,545,000	<b>\$3,090,000</b>
<b>Total - Traffic Control</b>		<b>\$1,665,521</b>	<b>\$1,138,200</b>	<b>\$1,116,000</b>	<b>\$2,565,600</b>	<b>\$1,621,000</b>	<b>\$5,464,000</b>	<b>\$13,570,321</b>

# Streets

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
1210 - Half Cent Fund	\$1,204,064	\$0	\$0	\$0	\$0	\$0	\$1,204,064
2050 - Water Fund	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
4150 - Non-Bond Capital	\$475,347	\$0	\$0	\$0	\$0	\$0	\$475,347
4253 - GO Bonds 2019	\$2,154,113	\$0	\$0	\$0	\$0	\$0	\$2,154,113
4254 - Future GO Bonds	\$125,000	\$150,000	\$582,000	\$261,000	\$0	\$2,751,000	\$3,869,000
4550 - Other Capital	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000
4810 - Outside Sources	\$8,963,900	\$0	\$0	\$0	\$0	\$0	\$8,963,900
7000 - Highway User Fund	\$10,399,018	\$5,058,900	\$5,473,900	\$5,313,900	\$5,273,900	\$25,563,145	\$57,082,763
7001 - DIF - Streets	\$718,700	\$0	\$0	\$0	\$0	\$0	\$718,700
7003 - DIF - Streets	\$7,147,592	\$3,127,362	\$570,500	\$3,490,531	\$0	\$0	\$14,335,985
7006 - DIF - Streets	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$1,870,000
7009 - Intersection Impact Fees - Zone 2 - Post I-1-2012	\$670,100	\$0	\$0	\$0	\$0	\$0	\$670,100
7010 - Transportation Sales Tax	\$20,082,534	\$9,729,500	\$3,648,500	\$3,348,500	\$3,476,500	\$24,928,623	\$65,214,157
<b>Total - Streets</b>	<b>\$55,460,368</b>	<b>\$18,065,762</b>	<b>\$10,274,900</b>	<b>\$12,413,931</b>	<b>\$8,750,400</b>	<b>\$53,242,768</b>	<b>\$158,208,129</b>

# Traffic Control

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
4810 - Outside Sources	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
7000 - Highway User Fund	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,545,000	\$3,090,000
7010 - Transportation Sales Tax	\$1,331,521	\$829,200	\$807,000	\$2,256,600	\$1,312,000	\$3,919,000	\$10,455,321
<b>Total - Traffic Control</b>	<b>\$1,665,521</b>	<b>\$1,138,200</b>	<b>\$1,116,000</b>	<b>\$2,565,600</b>	<b>\$1,621,000</b>	<b>\$5,464,000</b>	<b>\$13,570,321</b>

## 103rd Av; Northern Ave to Olive Av -Full Street

**Project Number:** EN00422    **Project Location:** 103rd Av; Northern Av to Olive Av

**Description:**

The first phase of this project provided for the geotechnical investigation to determine the limits of the old City of Glendale landfill impacting 103rd Av, public meetings and a preliminary traffic study and these tasks have been completed. The second phase of this project provides for an additional public meeting, final design, ROW acquisition, materials testing, construction, construction administration, signal modifications, utility coordination, utility relocation, and undergrounding overhead facilities as needed, replacement of a section of existing water line, drainage facilities, coordination with the 103rd Av & Butler Dr well site improvements, reconstruction and construction of the 103rd Av street improvements from Northern Av to Olive Av and construction of a new fence along the old Glendale landfill and golf course. This project will likely include processing utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, as well as development and intergovernmental agreements. The improvements will include clearing and grubbing, saw cut along existing pavement, install new pavement, construct curb and gutter, concrete sidewalk, landscaping and irrigation system, signing and striping, and construction of a combination screen wall and fence around the Glendale Landfill.



**Justification:**

Previously, the city had received a number of complaints regarding the failure of the existing pavement on 103rd Av south of Olive Av, poor drainage conditions, differential settlement, and vandalism to the chain link fence surrounding the old City of Glendale landfill. Based on input from the first public meeting, staff recommends construction for full street improvements on 103rd Av. These improvements will provide additional traffic capacity, provide pedestrian facilities, repair the section of roadway that is failing, improve drainage, and secure the old City of Glendale Landfill.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	DIF - Streets	Carryover	\$718,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$718,700
CO-Construct	Transportation Sa	Carryover	\$1,542,242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,542,242
LA-Land	Transportation Sa	Carryover	\$395,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$395,000
<b>Total Budget</b>			<b>\$2,655,942</b>	<b>\$0</b>	<b>\$2,655,942</b>								

<b>Total Operating Impacts</b>	<b>\$16,411</b>	<b>\$164,110</b>											
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## 107th Av; Williams Rd to Hatfield Rd DCR

**Project Number:** EN00636    **Project Location:** 107th Av; Williams Rd to Hatfield Rd

**Description:**

This project provides for solicitation of a qualified consultant to provide services to develop a Design Concept Report (DCR) for the widening and reconstruction of 107th Avenue from Williams Rd to Hatfield Road. The purpose of the DCR is to evaluate alternatives to add capacity and upgrade the roadway improvements to City standards, including recommendations on the alignment, cross section, intersection configuration, right-of-way needs, environmental analysis, signalization, lighting, landscape, water, wastewater, ITE improvements, burying overhead utilities, pedestrian and bicycle facilities, and drainage facilities throughout the corridor, conduct public involvement, coordination with Maricopa County, Arizona State Land Dept. and other stakeholders, utility coordination, and prepare a cost estimate(s). Once a solution is determined, funding for design, land acquisition and construction can be recommended to be programmed. It is anticipated that Maricopa County will cost share with the City.



**Justification:**

107th Av is designated a major arterial street. The section of 107th Av between Williams Rd and Hatfield Rd varies in width and accommodates a lane configuration of a 2:1:1 to a 1:1:1. As traffic volumes continue to increase additional lane capacity, it is recommended that the street be widened to the full cross section for a City Major arterial, BL:2:1:2:BL. A portion of 107th Av is located within the jurisdiction of Maricopa County and it is anticipated that the project will be cost shared. The roadway reconstruction and widening is needed to accommodate the increased volumes of traffic projected in the year 2030, existing improvements will be utilized as possible. Design concepts will be defined, developed and evaluated to present a preferred alternative for construction. The City will be approaching Maricopa County with regard to cost sharing on the DCR and ultimately the design, land acquisition and construction for the improvements.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	DIF - Streets	Base	\$273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$273,000
<b>Total Budget</b>			<b>\$273,000</b>	<b>\$0</b>	<b>\$273,000</b>								

## 67th Av; Olive Av to Redfield Rd Landscape Enhance

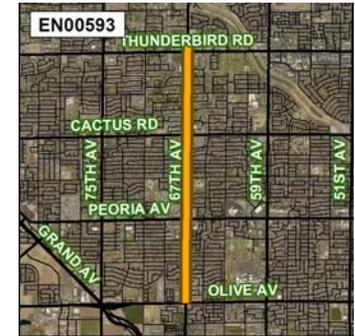
**Project Number:** EN00593    **Project Location:** West side 67th Av; Olive Av to Redfield Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the west side of 67th Avenue between Olive Avenue and Redfield Road. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Certain sections of landscape within the existing right-of-way along the west side of 67th Avenue between Olive Avenue and Redfield Road are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Total Budget</b>			<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>								

## 67th Ave Widening; Pinnacle Peak to Happy Valley

**Project Number:** EN00100    **Project Location:** 67th Av from Pinnacle Peak Rd to Happy Valley Rd

**Description:**

This project provides for the coordination with adjacent property owners, developers, public involvement, study, design, right-of-way acquisition, intergovernmental agreements, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the widening and construction of 67th Avenue between Pinnacle Peak Road and Happy Valley Road, a 16" water line and a regional storm drain system. The regional storm drain system will be cost shared with the Flood Control District of Maricopa County (FCDMC). The cross section of the roadway improvements varies from four lanes to six lanes. The improvements will include burying overhead facilities, installation of a 16" waterline along 67th Avenue and Pinnacle Peak Road, installation of a regional storm drain system, storm drain laterals and catch basins, saw cutting and removal of existing pavement, installation of new curb, gutter, valley gutter and apron, sidewalk, and handicap ramps, landscape, and raised landscaped medians, streetlights, interconnect conduit and fiber, future traffic signal improvements, striping and signage. This project also includes intersection improvements at Happy Valley Road and 67th Avenue.



**Justification:**

67th Avenue is designated as a major arterial. The original roadway was constructed by the County. The roadway was annexed by the City of Peoria in 2007 and widened to a five-lane roadway. Traffic on 67th Avenue has increased due to continued development activity in the area. Motorists experience delays during peak weekday hours, weekends and following a major storm event. The proposed roadway improvements will be coordinated with the regional drainage project and a waterline project. Both the Northwest Valley Transportation Study and the Peoria Transportation Needs Study recommend widening 67th Avenue. This project assumes the City of Peoria will be the lead agency.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	DIF - Streets	Base	\$0	\$9,050	\$5,500	\$34,183	\$0	\$0	\$0	\$0	\$0	\$0	\$48,733
CB-Chargebac	DIF - Streets	Base	\$0	\$11,312	\$15,000	\$38,000	\$0	\$0	\$0	\$0	\$0	\$0	\$64,312
CO-Construct	DIF - Streets	Base	\$0	\$0	\$550,000	\$3,418,348	\$0	\$0	\$0	\$0	\$0	\$0	\$3,968,348
DS-Design	DIF - Streets	Base	\$0	\$905,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$905,000
LA-Land	Future GO Bonds	Base	\$0	\$0	\$582,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$582,000
OT-Other	Transportation Sa	Carryover	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$140,000
<b>Total Budget</b>			<b>\$140,000</b>	<b>\$925,362</b>	<b>\$1,152,500</b>	<b>\$3,490,531</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,708,393</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,300</b>	<b>\$146,400</b>								
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## 75th Av; Grand Av to Tbird Rd Landscape Enhancemnt

**Project Number:** EN00592    **Project Location:** E & W Sides; 75th Ave; Grand Ave to Thunderbird Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the east and west sides of 75th Avenue between Olive Avenue and Thunderbird Road and refreshing the 3 basins maintained by the city along the east side of 75th Avenue at Eva Street and Sanna Street. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

Certain sections of landscape within the existing right-of-way along the east and west sides of 75th Avenue between Olive Avenue and Thunderbird Road and the 3 basins along the east side of 75th Avenue maintained by the city are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Total Budget</b>			<b>\$400,000</b>	<b>\$0</b>	<b>\$400,000</b>								

## 83rd Ave Bus Shelters

**Project Number:** EN00582    **Project Location:** 83rd Av; Northern Av to Bell Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, materials testing, construction and construction administration for construction of 47 bus shelters along the 83rd avenue bus route. This new bus route will extend from Camelback Road to Bell Road. The enhanced bus shelters will be installed between Northern Avenue and Bell Road. The improvements will include: clearing and grubbing, construction of concrete pads, enhanced bus shelters and lighting. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements. "



**Justification:**

As part of the Quality of Life initiative, these added bus shelters will enhance the transit system experience for Peoria residents. It will also provide a holistic and aesthetic character to the 83rd Avenue corridor that functions as the spine of Peoria. Specifically, could also be designed to provide ad space along the bus route, if desired.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Outside Sources	Carryover	\$89,092	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$89,092
LA-Land	Outside Sources	Carryover	\$2,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,825
<b>Total Budget</b>			<b>\$91,917</b>	<b>\$0</b>	<b>\$91,917</b>								

<b>Total Operating Impacts</b>	<b>\$34,000</b>	<b>\$0</b>	<b>\$306,000</b>									
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## 85th Av & Olive Av Traffic Signal

**Project Number:** EN00657    **Project Location:** Olive Av & 85th Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, burying overhead facilities, materials testing, construction and construction administration for a traffic signal at 85th Avenue and Olive Avenue and intersection modifications. The improvements will include: clearing and grubbing, saw cutting along existing pavement, installing new pavement, curb, gutter, sidewalk, and handicap ramps, grading of parkway area, burying a portion of the overhead utilities, and upgrades to existing handicap ramps, re-striping and signing of intersection, streetlights, relocating existing wall along south side of Olive Avenue (southwest corner), providing dedicated right-turn deceleration lanes westbound to northbound and eastbound to southbound, reconstructing the existing SRP headwall/structure, piping the existing private irrigation ditch, and piping the private irrigation on the church property. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The 85th Avenue and Olive Avenue intersection has recently experienced a number of accidents. As a result, the City conducted a warrant study and determined that the intersection meets warrants for signalization. This project will allow for the construction of a traffic signal, modifying the intersection, burying the overhead utilities and installing new streetlights.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$0	\$0	\$0	\$1,000	\$0	\$11,000	\$0	\$0	\$0	\$12,000
CB-Chargebac	Transportation Sa Base		\$0	\$0	\$0	\$0	\$27,000	\$4,000	\$90,000	\$0	\$0	\$0	\$121,000
CO-Construct	Transportation Sa Base		\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$0	\$0	\$0	\$1,100,000
DS-Design	Transportation Sa Base		\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
LA-Land	Transportation Sa Base		\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$128,000</b>	<b>\$104,000</b>	<b>\$1,201,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,433,000</b>

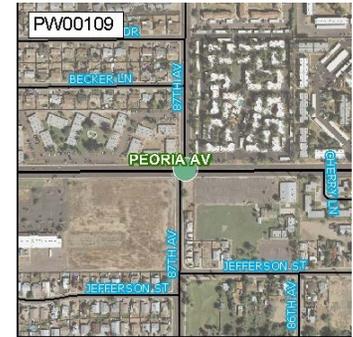
<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,000</b>	<b>\$77,000</b>								
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## 87th Av & Peoria Av Intersection Alignment

**Project Number:** PW00109    **Project Location:** 87th Av & Peoria Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation and extensions, as determined, materials testing, construction and construction administration for the re-alignment and construction of the street improvements for the south leg of the 87th Avenue and Peoria Avenue intersection to Jefferson Street and updating all ADA ramps. Improvements will consist of paving, curb, gutter, sidewalk, relocation of SRP irrigation and structure, other utilities, traffic signal modification and upgrades, and pavement signing and striping. This project will likely include processing of utility agreements (APS, Cox, CenturyLink, SRP, SWG, EPNG, etc.) for design and construction, as well as intergovernmental agreements.



**Justification:**

Currently, each leg of 87th Avenue performs separately and the signal operates inefficiently. The independent operation causes an unnecessary back-up of traffic on Peoria Avenue due to the severe misalignment of the intersection. Correcting the alignment will improve the efficiency of the intersection. The widening will require the redesign and relocation of the traffic signal and the change in traffic control, which currently phases the 87th Avenue legs separately.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
LA-Land	Transportation Sa	Carryover	\$49,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,325
<b>Total Budget</b>			<b>\$49,325</b>	<b>\$0</b>	<b>\$49,325</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$380</b>	<b>\$0</b>	<b>\$3,040</b>									
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## 91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemnn

**Project Number:** EN00594    **Project Location:** E & W Side of 91st Av; Mtn Vw Rd to Grand Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the east and west sides of 91st Avenue between Mountain View Road and Grand Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Certain sections of landscape within the existing right-of-way along the east and west sides of 91st Avenue between Mountain View Road and Grand Avenue are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>								

# ADA Accessibility

**Project Number:** PW00025 **Project Location:** Citywide

**Description:**

This program funds the City's ongoing effort to comply with the requirements of the Americans with Disabilities Act (ADA). The funds will be used to address 3 projects; 1) to procure a consultant for the purpose of identifying accessibility deficiencies within the public right-of-way, including existing curb ramps, sidewalks and driveways and recommending improvements needed to achieve full compliance with ADA requirements and city-approved policies (ADA Transition Plan); 2) respond to individual ADA requests and as ADA deficiencies are identified, the program funding will be used to design and construct the improvements and; 3) the ADA regulations identify that specific asphalt and concrete repair treatments that are considered to be alterations require installation of curb ramps within the scope of the project.



**Justification:**

The Americans with Disabilities Act of 1990 is a civil rights statute that prohibits discrimination against people with disabilities. There are five separate titles (sections) of the Act relating to different aspects of potential discrimination. Title II dictates that public entities must perform self-evaluations of their existing facilities relative to the accessibility requirements of the ADA. The agencies are then required to develop a program access plan, or a transition plan, to address any deficiencies. The transition plan identifies physical obstacles that limit the accessibility of facilities to individuals with disabilities, describes the methods to be used to make the facilities accessible, provides a schedule for making the access modifications, and identifies the public officials responsible for implementation of the plan. The plan is required to be updated periodically until all accessibility barriers are removed. This program is to ensure continued compliance with the federal requirements.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$1,000	\$5,574	\$1,000	\$5,574	\$1,000	\$5,574	\$1,000	\$5,574	\$1,000	\$27,296
CB-Chargebac	Highway User Fu	Base	\$0	\$8,400	\$12,000	\$8,400	\$12,000	\$8,400	\$12,000	\$8,400	\$12,000	\$8,400	\$90,000
CO-Construct	Highway User Fu	Base	\$557,426	\$100,000	\$557,426	\$100,000	\$557,426	\$100,000	\$557,426	\$100,000	\$557,426	\$100,000	\$3,287,130
CO-Construct	Highway User Fu	Carryover	\$61,690	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,690
OT-Other	Highway User Fu	Carryover	\$109,965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,965
SY-Study	Highway User Fu	Base	\$0	\$50,600	\$0	\$50,600	\$0	\$50,600	\$0	\$50,600	\$0	\$50,600	\$253,000
<b>Total Budget</b>			<b>\$729,081</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$160,000</b>	<b>\$3,829,081</b>

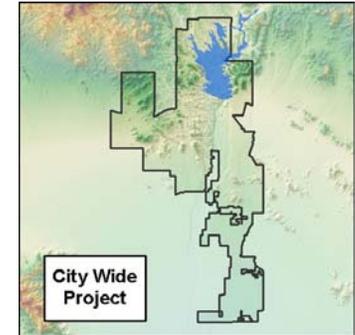
<b>Total Operating Impacts</b>	<b>\$3,200</b>	<b>\$660</b>	<b>\$19,300</b>										
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## Bridge Maintenance & Guardrail Replacement Program

**Project Number:** EN00243    **Project Location:** Citywide

**Description:**

This project provides for the inventory and assessment of the City's guardrail assets and coordination with adjacent property owners, public involvement, design, utility coordination, utility relocation, construction and construction administration for replacement, repair and safety upgrades to roadway guardrail citywide. The improvements may include clearing and grubbing, saw cutting along existing pavement, installing new pavement, curb, gutter, valley gutter and apron, sidewalk, and handicap ramps, removing and replacing existing guardrail systems. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements. In addition, this project provides funding for the ongoing bridge and culvert maintenance and management program.



**Justification:**

City staff has identified a need to maintain, preserve, and improve the City's current aging inventory of roadside guardrail. In addition, the Federal Highway Administration has set new height and performance requirements for new and replaced barriers. Typical work to be performed will consist of assessing partial or full replacement, replacing aging wood post elements, tightening bolts and hardware, grading, clearing vegetation, evaluating length of need. The city's current bridge inventory has been identified, logged, photographed, located on GIS, named, numbered and placed into an internal database as part of the program. Through an intergovernmental agreement with the Arizona Department of Transportation (ADOT), each structure is inspected per National Bridge Inspection Standards (NBIS) and assessed at regular intervals by ADOT. The ADOT inspection program does not address interim structural or safety issues that may arise, nor does it address preventative maintenance. Conditions may arise in the period between ADOT inspections that knowledgeable city crews may be able to detect and report to the City Engineer for evaluation and possible action. Safety issues such as bridge rail impact damage typically cannot wait for biannual inspections to report, evaluate and repair. Routine and preventative maintenance actions may also be appropriate to help maintain or improve the performance of individual bridge elements and the bridge as a whole.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$27,000
CB-Chargebac	Transportation Sa Base		\$0	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$216,000
CO-Construct	Transportation Sa Base		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,500,000
CO-Construct	Transportation Sa Carryover		\$203,416	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$203,416
DS-Design	Transportation Sa Base		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
<b>Total Budget</b>			<b>\$503,416</b>	<b>\$327,000</b>	<b>\$3,446,416</b>								

## Cactus Rd - 67th Av-83rd Av Landscape Enhancement

**Project Number:** EN00689    **Project Location:** Cactus Rd; 67th Av to 83rd Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Cactus Rd between 67th Avenue and 83rd Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Certain sections of landscape within the existing right-of-way along Cactus Road between 67th Avenue and 83rd Avenue are outdated, in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation	Sa Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,083,498	\$0	\$0	\$2,083,498
<b>Total Budget</b>			<b>\$0</b>	<b>\$2,083,498</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,083,498</b>						

## Cactus Rd & 69th Av Sidewalk, North Side

**Project Number:** EN00550    **Project Location:** North side of Cactus Rd between

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction, and construction administration for the construction of a 5-foot concrete sidewalk along the north side of Cactus Road for approximately 635 feet in the vicinity of 69th Avenue. The improvements will include constructing a new concrete sidewalk, driveways, a small retaining wall, and landscaping/decomposed granite. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

**Justification:**

With the construction of the sidewalk along the north side of Cactus Road by the Peoria Village subdivision there is one remaining section of sidewalk that has yet to be constructed. The City is taking the lead to design and construct the missing sections of sidewalk on Cactus Road adjacent to parcels 200-77-003E and 200-77-003B. Pedestrians that walk on the north side of Cactus Road have to either walk in the road or trespass on private property. This project will allow pedestrians continued access along the north side of Cactus Road.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>								

<b>Total Operating Impacts</b>	<b>\$87</b>	<b>\$0</b>	<b>\$783</b>										
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## Chip Seal Rural Maintenance

**Project Number:** PW00163    **Project Location:** Various

**Description:**

This project provides for the application of a rubberized chip seal in rural, residential areas of the city where city standard roadways do not exist. In order to reduce dust and meet PM10 regulations, a rubber chip seal is replaced approximately every five years. These dirt roads include: 92nd Avenue, from Happy Valley Parkway to Jomax Road; 93rd Avenue, from Hatfield Road to Happy Valley Parkway; Camino Del Oro, from 67th Avenue to 70th Avenue; Villa Lindo, from 67th Avenue to 70th Avenue; and Briles Road, from 94th Avenue to 95th Avenue.

**Justification:**

This project includes annexed and rural areas of residential development where paving was not previously required, but for which the city is now required to address air quality implications. The dirt roads encompass approximately seven miles and the estimated cost will be \$465,000 in FY20.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$0	\$0	\$0	\$0	\$4,195	\$0	\$0	\$0	\$0	\$4,195
CO-Construct	Highway User Fu	Base	\$460,396	\$0	\$0	\$0	\$0	\$419,500	\$0	\$0	\$0	\$0	\$879,896
<b>Total Budget</b>			<b>\$460,396</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$423,695</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$884,091</b>

## City Parks Parking Lots - Asphalt Replacement

**Project Number:** PW00995    **Project Location:** Various

**Description:**

In addition to Parks, the Streets Division will begin the process of managing Facilities Parking Lots to apply its Pavement Management Program of condition indexing and lifecycle as the criteria for determining priority and treatment application. In FY20, approximately \$125,000 will be used to have the lots rated electronically and integrated to the electronic system. Thereafter, the programmed treatments will be applied and the Streets Division will manage the lifecycle.

**Justification:**

Electronic survey and data capture has provided the Streets Division with objective rating criteria for all city streets. This has resulted in an overall higher quality of pavement and a better, more predictable plan of maintenance and cost. By applying the same formula to parking lots, the respective Parks and Facilities parking lots will benefit by better managing the condition and budget for these assets.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Future GO Bonds Base		\$125,000	\$150,000	\$0	\$261,000	\$0	\$175,000	\$0	\$261,000	\$0	\$175,000	\$1,147,000
<b>Total Budget</b>			<b>\$125,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$261,000</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$261,000</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$1,147,000</b>

## Deer Valley Rd and 95th Av Traffic Signal

**Project Number:** EN00642    **Project Location:** Deer Valley Rd and 95th Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the design and construction of the traffic signal and incidental intersection improvements at Deer Valley Road and 95th Avenue. The improvements will include: purchasing right-of-way, updating the ADA ramps, construction of a traffic signal, restriping the intersection as needed, removal of the existing Z-crossing (medians, Rectangular Rapid Flashing Beacons (RRFB) signs, obliterate existing striping, micro-sealing the asphalt and restriping), removal of streetlights at the southeast corner of Deer Valley Road and 95th Avenue, as needed. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The Manual on Uniform Traffic Signal Devices specifies 8 "traffic control signal needs studies", known as warrants. A warrant is a condition that an intersection must meet to justify a signal installation. The satisfaction of a signal warrant or warrants do not in its self require the installation of a traffic signal. The final decision is based upon the Traffic Engineer's judgment. According to a recent traffic study conducted by staff the intersection currently meets warrant #1 - number of vehicles entering the intersection from all directions during 4-hour periods. Staff recommends installation of a traffic signal and removal of the Z-crossing.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Intersection Imp	Carryover	\$670,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$670,100
<b>Total Budget</b>			<b>\$670,100</b>	<b>\$0</b>	<b>\$670,100</b>								

<b>Total Operating Impacts</b>	<b>\$700</b>	<b>\$0</b>	<b>\$6,300</b>										
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## Deer Valley Rd; 109th Ave to Lake Pleasant Pkwy

**Project Number:** EN00395    **Project Location:** Deer Valley Rd; 109th Ave to Lake Pleasant Pkwy

**Description:**

This project provides for the coordination with adjacent property owners and Maricopa County Department of Transportation (MCDOT), public involvement, acquisition of right-of-way, utility coordination, utility relocation, noise study, design, materials testing, construction, construction administration for land acquisition and construction of a roundabout at 109th Avenue and Deer Valley Road, and construction of an entry monument just east of the intersection of 109th Avenue and Deer Valley Road.

**Justification:**

MCDOT is planning to extend Deer Valley Road from 109th Avenue to El Mirage Road. MCDOT is planning to construct the roadway improvement in 2019. The City is coordinating with MCDOT to construct a roundabout at 109th Avenue and Deer Valley Road as part of the roadway construction.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Non-Bond Capital Base		\$365,347	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$365,347
LA-Land	Non-Bond Capital Base		\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000
CO-Construct	Transportation Sa Base		\$234,653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$234,653
CO-Construct	Transportation Sa Carryover		\$533,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$533,499
LA-Land	Transportation Sa Carryover		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Total Budget</b>			<b>\$1,293,499</b>	<b>\$0</b>	<b>\$1,293,499</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$100,030</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$35,030</b>	<b>\$345,240</b>
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## El Mirage Rd; Blackstone Dr to Westland Rd

**Project Number:** EN00699    **Project Location:** El Mirage Rd; Blackstone Dr to Westland Rd

**Description:**

This project provides for the coordination with the Master Planned Community known as Lake Pleasant Heights. The City has entered into a Development Agreement with Lake Pleasant Heights and in accordance with the terms of the agreement, the landowners are responsible for the coordinated planning, design, engineering, construction, acquisition, installation of certain infrastructure. The City reserves the right to upsize infrastructure to serve other properties. Upsizing of the infrastructure will be paid by the City. Specifically, this Agreement will allow the City to enhance the Secondary Access along El Mirage Road from Blackstone Drive to Westland Road to a full width roadway. If an all-weather access road is to be constructed by the Landowner(s), the City will fund the differential costs between the full width roadway and an all-weather access road. The City shall only fund the portion across State Land ownership, with funding not to exceed 50% of the total project cost for this section of roadway. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

Under the terms of the agreement, the landowners are responsible for their proportionate share of the roadway improvements included in the Lake Pleasant Heights Traffic Impact Analysis. El Mirage Road is designated as a north/south parkway to provide regional access from the development to State Route 74, and Westland Road is an east/west major arterial from the development to L303. The City reserves the right to upsize infrastructure to serve other properties.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	DIF - Streets	Base	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000
<b>Total Budget</b>			<b>\$1,870,000</b>	<b>\$0</b>	<b>\$1,870,000</b>								

## Happy Valley Pkwy Widening; LPP to Agua Fria

**Project Number:** EN00463    **Project Location:** Happy Valley Pkwy; LPP to Agua Fria River

**Description:**

This project provides for the coordination with MCDOT, the State Land Department, and adjacent property owners, public involvement, design, ROW acquisition and annexation, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the widening of Happy Valley Parkway from Lake Pleasant Parkway to the west end of the bridge over the Agua Fria River. The specific improvements will include clearing and grubbing, saw cut along existing pavement, install new pavement, micro-seal, curb, gutter, valley gutter and apron, sidewalk and ADA ramps, widening and installing drainage facilities, widening of the bridge and accommodating the Agua Fria River trail connection under the bridge, striping and signage, street lighting, and landscape and irrigation. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, SWG, EPNG, etc.) design and construction agreements, development and intergovernmental agreements, and annexing the western portion of the parkway.



**Justification:**

According to the North Peoria Traffic Study completed in 2013, the projected traffic volumes on Happy Valley Parkway between Lake Pleasant Pkwy and L303 would exceed the existing capacity of the roadway by 2016. Therefore, it is recommended that the project to widen this section of Happy Valley Parkway to accommodate six lanes and bike lanes be advanced.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	DIF - Streets	Carryover	\$5,166,686	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,166,686
CO-Construct	GO Bonds 2019	Carryover	\$2,080,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,080,641
LA-Land	GO Bonds 2019	Carryover	\$73,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,472
CO-Construct	Outside Sources	Carryover	\$4,892,094	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,892,094
CO-Construct	Transportation Sa	Carryover	\$7,775,223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,775,223
<b>Total Budget</b>			<b>\$19,988,116</b>	<b>\$0</b>	<b>\$19,988,116</b>								

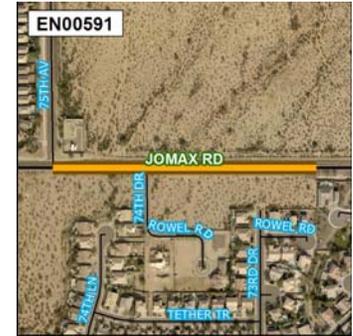
<b>Total Operating Impacts</b>	<b>\$140,000</b>	<b>\$1,400,000</b>											
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## Jomax Rd Improvements; 72nd Dr to 75th Ave

**Project Number:** EN00591    **Project Location:** Jomax Rd; 72nd Dr Alignment to 75th Ave

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the construction of the south 1/2 street improvements on Jomax Road between the 72nd Drive alignment and 75th Avenue. The improvements will include: clearing and grubbing, saw cutting along existing pavement, constructing approximately 1,400 lf of Jomax Road roadway improvements to accommodate a cross section consisting of 2-1-2 with bike lanes. Other improvements include: connecting to the existing curb and gutter at the east end and transitioning back to two lanes west of 75th Avenue, curb, gutter, 8' wide sidewalk, extending storm drain culverts, relocating two air release valves, installing conduit at the intersection of 75th Avenue for a future traffic signal, streetlights, landscape and irrigation and extension of an 8" water lateral south along the 74th Drive alignment. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The proposed Aloravita subdivision will be constructing the Jomax Road north 1/2 street improvements between 75th Avenue and 72nd Drive. The remainder of the north 1/2 street improvements between 71st Avenue and 67th Avenue will be constructed with the later phases. Staff recommended that the City coordinate with the developer of Aloravita Phase I for the design and construction of the Jomax Road south 1/2 street improvements between the 72nd Drive alignment and 75th Avenue. In FY19, it was determined the the developer of Aloravita did not want to partner with the City to design and construct the south 1/2 street. As such, the project was reprogrammed to fund the design in FY19, land acquisition in FY20, and construction in FY21. This project will complete the south 1/2 street improvements between 67th Avenue and 75th Avenue.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	DIF - Streets	Base	\$0	\$21,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,000
CB-Chargebac	DIF - Streets	Base	\$0	\$81,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,000
CO-Construct	DIF - Streets	Base	\$0	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000
CO-Construct	DIF - Streets	Carryover	\$1,085,570	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,085,570
LA-Land	DIF - Streets	Base	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000
LA-Land	DIF - Streets	Carryover	\$282,336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$282,336
<b>Total Budget</b>			<b>\$1,707,906</b>	<b>\$2,202,000</b>	<b>\$0</b>	<b>\$3,909,906</b>							

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,000</b>	<b>\$168,000</b>									
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## Jomax Rd; Loop 303 to Vistancia Blvd

**Project Number:** EN00585    **Project Location:** Jomax Rd; Loop 303 to Vistancia Blvd

### Description:

This project has three distinct phases. Phase 1 is for the preparation of a Design Concept Report (DCR) for Jomax Road between El Mirage Road and Tierra del Rio Boulevard. The DCR is in progress and is scheduled to be completed by December 2018. The purpose of the DCR is to evaluate alternatives and provide recommendations for an alignment, cross section, intersection configurations, right-of-way needs, environmental analysis, identifying biological and culturally sensitive sites, lighting, landscape, water, wastewater, ITE improvements, pedestrian/bike facilities, trail facilities, and drainage plans and arts for this section of the Jomax Road corridor, utility coordination, preparation of 15% plans, construction cost estimates and public involvement. Phase 2 includes the coordination with adjacent property owners and government agencies (ADOT, ASLD, USACOE, FCDMC, utility companies, and other stakeholders), public involvement, design, land acquisition from ASLD, biological, environmental clearances, right-of-way legal descriptions and appraisals, utility coordination, utility relocation, materials testing, construction and construction administration of Jomax Road between Loop 303 and Vistancia Boulevard. This project includes purchasing the ASLD land, construction of four lanes and a wide median, a drainage channel along the north side of the roadway, and natural landscape theme improvements, reconstruction and signalization of the intersection of Vistancia Boulevard and Jomax Road. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, EPCOR, etc) design and construction agreements, development agreements, and intergovernmental agreements (IGA); Phase 3 involves the negotiating an IGA with ADOT for improvements at the Loop 303 and Jomax Road Traffic Interchange (TI). Specifically, the agreement will include aesthetics for the TI, bike lanes, a wider sidewalk, constructing the traffic signal and lighting to City standards, and the City paying for necessary sleeves under Loop 303 for a future water line and interconnect conduit. The City will agree to maintain the Loop 303 TI striping, underdeck lighting, ITE equipment, and traffic signals.

### Justification:

The City's Circulation Element of the General Plan identifies a conceptual alignment for the section of Jomax Road between Tierra Del Rio and El Mirage Road. As development in the area continues and the traffic volumes increase, the need for additional east-west crossings over the Agua Fria River between Happy Valley Road and Lake Pleasant Parkway will become necessary. According to the Circulation Plan, there are 2 future crossings identified: 1) Jomax Road and 2) Lone Mountain Parkway. This study will provide an alignment for the future Jomax Road and allow for better coordination of access for future development and coordination with ADOT regarding the Jomax Road traffic interchange. Construction of the section of Jomax Road between Loop 303 and Vistancia will provide for an additional access to Loop 303.

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## Jomax Rd; Loop 303 to Vistancia Blvd

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation	Sa Base	\$0	\$59,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$59,000
CB-Chargebac	Transportation	Sa Base	\$0	\$182,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$182,000
CO-Construct	Transportation	Sa Base	\$0	\$5,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,900,000
CO-Construct	Transportation	Sa Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
LA-Land	Transportation	Sa Base	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
OT-Other	Transportation	Sa Carryover	\$43,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,896
CO-Construct	Water Fund	Base	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
<b>Total Budget</b>			<b>\$2,643,896</b>	<b>\$6,141,000</b>	<b>\$0</b>	<b>\$8,784,896</b>							

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$45,000</b>	<b>\$360,000</b>									
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## Lake Pleasant Parkway Sidewalk

**Project Number:** EN00480    **Project Location:** LPP; Williams Rd to Jomax Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, materials testing, construction, construction administration for the construction of a concrete sidewalk ranging in width from 5 feet to 8 feet, along the east side of Lake Pleasant Parkway between Deer Valley Road and Jomax Road. The improvements will include re-grading the existing drainage channel, constructing a new concrete sidewalk, upgrading ramps, installing decomposed granite, restoring some landscaping, and traffic signal modifications at Yearling Road and Hatfield Road. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

As development has continued along Lake Pleasant Parkway the demand for a sidewalk along both sides has increased. Completing the sidewalk on both sides of LPP is very expensive. Therefore, the City took the approach of designing and constructing the sidewalk along the west side of Lake Pleasant Parkway between Williams Road and Hatfield Road. This project was completed in early 2016. This project will provide for the design, ROW and construction of the sidewalk along the east side of Lake Pleasant Parkway between Williams Road and Jomax Road.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>								

<b>Total Operating Impacts</b>	<b>\$1,500</b>	<b>\$0</b>	<b>\$13,500</b>										
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## Lake Pleasant Pkwy & Dixileta Dr Intersection Mods

**Project Number:** EN00588    **Project Location:** Dixileta Dr; LPP to Park Access Road

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, materials testing, construction and construction administration for the design and construction of intersection modifications and a traffic signal at Lake Pleasant Parkway and Dixileta Drive, a northbound to eastbound deceleration lane, and an access road extending from the intersection approximately 500 feet to the east, and interconnect conduit duct bank and fiber optics cable between Westwing Parkway and Dixileta Drive. The improvements will include trench and install duct bank and inner duct, vaults, pull fiber optics and splicing as needed, install traffic signal, modify the intersection for ADA, intersection deceleration lane, and roadway improvements. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

This project is a sister project to the Northern Community Park project. This project will: (1) design, acquire ROW and construct intersection modifications and connect the park access to Lake Pleasant Parkway; (2) provide maintenance access for the Flood Control District to the New River Dam and levee; and (3) provide a hard wire communications connection between the City's ITS system and Northern Community Park and the traffic signal.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Carryover	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
<b>Total Budget</b>			<b>\$600,000</b>	<b>\$0</b>	<b>\$600,000</b>								

<b>Total Operating Impacts</b>	<b>\$1,100</b>	<b>\$0</b>	<b>\$9,900</b>										
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## Major Street Repairs

**Project Number:** PW00027    **Project Location:** Various

**Description:**

This project provides for street repairs in response to urgent, unplanned, or unfunded situations or concerns. Repairs typically consist of paving, milling, overlaying, re-surfacing of roadways (with minor concrete curb, gutter, valley gutter, and apron improvements).

**Justification:**

This project is for unplanned, unexpected, and unscheduled street repairs. The specific projects will be identified throughout the year based on staff review, prioritization criteria and justification. Projects are initiated by urgency of prioritization and are the projects are not programmed as part of the ongoing maintenance program.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$13,500
CO-Construct	Highway User Fu	Base	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,500,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$151,500</b>	<b>\$1,513,500</b>								

# Northern Parkway

**Project Number:** EN00142    **Project Location:** Northern Ave from 71st Ave to 115th Ave

**Description:**

This project provides for the City's contribution toward land acquisition and construction to convert the existing Northern Avenue to an eight-lane, limited access "regionally significant" arterial roadway that will be designated Northern Parkway. The project will construct overpasses at the intersections of mile roadways, including bridged mainline overpasses, median barriers, exit and entrance ramps, traffic signals, landscape and irrigation, barrier walls, utility relocations, and drainage improvements, paving, curb, gutters, street lighting, pavement markings and signing. Per the City Attorney's Office, the City has a contractual obligation to contribute financially to this project under the terms of a 2008 intergovernmental agreement. The project budget reflects the latest financial plan formalized in the Arterial Life Cycle Program published by the Maricopa Association of Governments (MAG).



**Justification:**

The Maricopa Association of Governments conducted a study for east-west mobility across the Valley. Considering the location of the I-10 freeway, Bell Road and Loop 101, another east-west route was needed to handle high volumes of regional traffic. The connectivity with the three State Routes of US60, Loop 101 and Loop 303 were also considered vital to the regional traffic circulation. Considering natural and manmade obstructions such as New River, Agua Fria River, military installations, airports, Sun City, etc., the recommended route is Northern Avenue. The following agencies are partnering to design, acquire ROW and construct the Northern Parkway, Maricopa County and the cities of Peoria, Glendale and El Mirage. Proposition 400 funding covers 70 percent of the entire projects costs. In accordance with the IGA, the City's share is 20 percent of the remainder.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$15,403	\$1,164	\$0	\$0	\$106,567
CB-Chargebac	Transportation Sa Base		\$0	\$11,500	\$11,500	\$11,500	\$11,500	\$57,500	\$18,000	\$14,000	\$0	\$0	\$135,500
CO-Construct	Transportation Sa Base		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$1,540,270	\$116,407	\$0	\$0	\$11,656,677
<b>Total Budget</b>			<b>\$1,000,000</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$5,107,500</b>	<b>\$1,573,673</b>	<b>\$131,571</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,898,744</b>

<b>Total Operating Impacts</b>	<b>\$103,000</b>	<b>\$1,030,000</b>											
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## Paradise RV Entrance & Union Hills Dr Modification

**Project Number:** EN00614    **Project Location:** Union Hills Dr & Paradise RV

**Description:**

This project provides for the coordination with adjacent property owners and Maricopa County Department of Transportation (MCDOT), public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction, and construction administration for; 1) approximately 1,100 feet of additional pavement on the south side of Union Hills Drive to accommodate an acceleration lane for traffic exiting the Paradise RV Park and traveling eastbound on Union Hills Drive, and 2) a westbound to northbound deceleration lane at the Paradise RV main access. The project will be coordinated with Paradise RV and their plans to reconstruct their main access. The improvements will include: clearing and grubbing; saw cutting along existing pavement; installing new pavement along the south side of Union Hills Drive as well as curb, gutter, and a westbound to northbound right turn lane into the Paradise RV main entrance; relocating existing utilities; and microsealing and restriping existing pavement. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development agreements, and intergovernmental agreements.



## Pavement Management Program - Preservation

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**Project Number:** PW00138 **Project Location:** Various

**Description:**

In a Pavement Management Program, the ultimate goal is to preserve good conditions on our roadways and extend the lifecycle in good condition, thereby avoiding the much greater costs of rehabilitation and reconstruction. Pavement preservation is accomplished by early, less expensive surface treatments such as seal coats, slurry, micro and chip seals.

In FY20, the Streets Division will continue implementing its annual pavement projects based upon technical condition surveys and the objective planning criteria established by our Pavement Management Software.

It is projected that an estimated 70 miles of roadway will receive either a slurry, 32 miles, or micro seal, 38 miles, treatment in FY20. Project locations shown below:

**Arterial:**

Olive Avenue (67th Avenue to Loop 101) - 10 miles

Beardsley Road (81st Avenue to Lake Pleasant Road) - 13 miles

75th Avenue (Greenway Road to Thunderbird Road) - 9 miles

**Collector:**

94th Drive (Plaza Del Rio Boulevard) - 2 miles

Plaza Del Rio Boulevard (94th Drive to Thunderbird Road) - 3 miles

93rd Avenue (Thunderbird Road to South-End) - 1 mile

**Residential:**

Ironwood; Sunset Ranch II; Suncliff I, III, & IV; Ventana Lakes - 32 miles

**Justification:**

This program provides for general street pavement maintenance throughout the city. Currently there are approximately 1,559 lane miles of arterial, collector, and residential streets in the city. The Streets Division evaluates the condition of the existing streets and prioritizes the required maintenance, which may include crack seal and repairs, surface treatments, pavement replacement, and small-scale restorations as needed.

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## Pavement Management Program - Preservation

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$27,228	\$27,228	\$27,228	\$27,228	\$27,228	\$27,228	\$27,228	\$27,228	\$27,228	\$245,052
CO-Construct	Highway User Fu	Base	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$27,227,720
AT-Arts	Transportation Sa	Base	\$0	\$7,426	\$7,426	\$7,426	\$7,426	\$7,426	\$7,426	\$7,426	\$7,426	\$7,426	\$66,834
CO-Construct	Transportation Sa	Base	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$7,425,740
<b>Total Budget</b>			<b>\$3,465,346</b>	<b>\$3,500,000</b>	<b>\$34,965,346</b>								

## Pavement Management Program - Rehabilitation

**Project Number:** PW13000    **Project Location:** Citywide

**Description:**

In FY17, the Streets Division commissioned a technical survey of all Peoria paved roads. This survey included the electronic collection of data used to evaluate every city street based upon age, condition and historical maintenance. This data has been entered into our pavement management software to facilitate the generation of maintenance plans based upon budget and objectively assessed criteria.

In FY20, the Streets Division will continue its annual pavement projects based upon the technical-condition survey and the objective planning criteria. In addition, ADA sidewalk ramp improvements will take place in communities that will be receiving mill and overlay treatments in FY21.



It is projected that an estimated 25 miles of roadway will receive mill and overlay treatments in FY20. Project locations include: Sweetwater Ridge (8 miles); Tierra Norte I & II (4 miles); Cactus Meadows (2 miles); Foxwood I & II (7 miles); Catalina (2 miles); Chesapeake Park (2 miles). In addition, to this year's program is a comprehensive mill and overlay with ADA compliant retrofits on 77th Ave from Peoria Ave to Mountain View.

**Justification:**

This Program provides for comprehensive, large-scale rehabilitation projects on all streets throughout the city. This includes upgrades to ADA compliant curb, gutter, and sidewalk, which can amount to 30% of a project's cost. These rehabilitation efforts are necessary to restore roads to good condition through mill and overlay that includes the removal and replacement of deteriorated asphalt. There are 1,559 lane miles throughout the city and approximately 44% of those roads are 20 years or older, which creates an emphasis on rehabilitation efforts throughout the city.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$12,871	\$12,871	\$12,871	\$12,871	\$12,871	\$12,871	\$12,871	\$12,871	\$12,871	\$115,839
CO-Construct	Highway User Fu	Base	\$5,296,188	\$1,262,129	\$1,287,129	\$1,262,129	\$1,287,129	\$1,262,129	\$1,287,129	\$1,262,129	\$792,079	\$1,262,129	\$16,260,299
DS-Design	Highway User Fu	Base	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$125,000
CO-Construct	Other Capital	Base	\$850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000
AT-Arts	Transportation Sa	Base	\$0	\$12,377	\$12,377	\$12,377	\$12,377	\$12,377	\$12,377	\$12,377	\$12,377	\$12,377	\$111,393
CO-Construct	Transportation Sa	Base	\$2,700,000	\$1,204,950	\$1,237,623	\$1,204,950	\$1,237,623	\$1,204,950	\$1,237,623	\$1,204,950	\$1,237,623	\$1,204,950	\$13,675,242
DS-Design	Transportation Sa	Base	\$0	\$32,673	\$0	\$32,673	\$0	\$32,673	\$0	\$32,673	\$0	\$32,673	\$163,365
<b>Total Budget</b>			<b>\$8,846,188</b>	<b>\$2,550,000</b>	<b>\$2,054,950</b>	<b>\$2,550,000</b>	<b>\$31,301,138</b>						

## Peoria Auto District

**Project Number:** EN00556    **Project Location:** Bell Rd; L101 to West City Limits

**Description:**

This project is for final design and construction of way finding signage, monument signage, gateway features, lighting, and landscaping on Bell Rd from L101 to the West City Limits. This project will be phased over time. The phases of the project will expand the theme and elements to various areas within the Auto District to make this a regional destination with a vibrant streetscape. The various phases of the project will include paving, concrete, landscaping, lighting, signage, aesthetics, utility relocations, right-of-way acquisition, public involvement, and drainage.

**Justification:**

The City of Peoria has decided to reinvest in one of our greatest sources of tax revenue, the Auto Dealers on Bell Road in Peoria. The Auto District is over 20 years old and is in need of an identity, theming, increased visibility, and a refreshing of the landscaping.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Half Cent Fund	Carryover	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
OT-Other	Half Cent Fund	Carryover	\$204,064	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$204,064
<b>Total Budget</b>			<b>\$1,204,064</b>	<b>\$0</b>	<b>\$1,204,064</b>								

<b>Total Operating Impacts</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$120,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$120,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$640,000</b>
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## Peoria Av & 77th Av Intersection Improvements

**Project Number:** EN00683    **Project Location:** Peoria Av & 77th Av

**Description:**

This project provides for the coordination of the design and construction of the proposed traffic signal at the intersection of Peoria Avenue and 77th Avenue and reimbursement to the Charter School of the City's share of the improvements. This project may also require processing of a development agreement with the Charter School.

**Justification:**

The proposed charter school at the southeast corner of Peoria Avenue and 77th Avenue is responsible to design and construct a traffic signal at the intersection of Peoria Avenue and 77th Avenue. The City's financial participation will include reimbursement to the charter school in an amount not to exceed \$100,000.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa	Base	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>								

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$7,300</b>	<b>\$65,700</b>										
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## Peoria Av; 69th Av-79th Av Landscape Enhancement

**Project Number:** EN00690    **Project Location:** Peoria Av; 69th Av to 79th Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Peoria Avenue between 69th Avenue and 79th Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Certain sections of landscape within the existing right-of-way along Peoria Avenue between 69th Avenue and 79th Avenue are outdated, in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation	Sa Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,335,477	\$0	\$0	\$1,335,477
<b>Total Budget</b>			<b>\$0</b>	<b>\$1,335,477</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,335,477</b>						

## Pinnacle Peak Rd; 91st Ave-Lake Pleasant Pkwy

**Project Number:** EN00015    **Project Location:** Pinnacle Peak Rd; 91st Ave to Lake Pleasant Pkwy

**Description:**

This project provides for the coordination with adjacent property owners, developer of The Meadows, and the Maricopa County Department of Transportation (MCDOT), public involvement, design, right-of-way acquisition, annexation, utility coordination, burying overhead utilities, utility relocation, materials testing, construction and construction administration for roadway improvements to Pinnacle Peak Road from 91st Avenue to Lake Pleasant Parkway to City standards. The improvements will include clearing and grubbing, saw cutting along existing pavement, installing drainage facilities, new pavement, curb, gutter, valley gutter and apron, sidewalk, ramps, streetlights, traffic signal modifications, and landscaping and irrigation system. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

Pinnacle Peak Road from 99th Avenue to 91st Avenue is a two-lane arterial road owned and maintained by the County. Unincorporated Maricopa County borders Pinnacle Peak Road to the north and City of Peoria borders Pinnacle Peak Road to the south. The City plans to improve Pinnacle Peak Road from Lake Pleasant Parkway to 91st Avenue to a five-lane arterial road with a raised median and upgrade the traffic signal at the intersection of Pinnacle Peak Road and 91st Avenue. The project is expected to be completed by the City, the developer of The Meadows and with funding provided by MCDOT. The developer is responsible to design and construct the south 1/2 street improvements along the south side of Pinnacle Peak Road; 91st Avenue to 99th Avenue, MCDOT will provide funding to the City through an IGA for construction of the north 1/2 street improvements of Pinnacle Peak Road; 91st Avenue to 99th Avenue to County standards. The City will be responsible for the cost differential between constructing the north 1/2 street from County standards to City standards (raised landscape median, landscape , irrigation system, streetlights, curb, gutter and sidewalk, and drainage improvements. In addition, the City is responsible for the north 1/2 street improvements along Pinnacle Peak Road between 99th Avenue and Lake Pleasant Parkway.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Outside Sources	Carryover	\$3,979,889	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,979,889
CO-Construct	Transportation Sa	Carryover	\$342,706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$342,706
LA-Land	Transportation Sa	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$4,472,595</b>	<b>\$0</b>	<b>\$4,472,595</b>								

<b>Total Operating Impacts</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$450,000</b>										
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## Resurvey Benchmarks

**Project Number:** PW00137    **Project Location:** Citywide

**Description:**

This project will establish horizontal controls and vertical benchmarks for section and quarter corners within the City of Peoria. The city must establish a grid of monuments completed with second order survey accuracy. Additionally, reference to other datum found within the city, namely, Federal Emergency Management Agency (FEMA), City of Glendale, City of Phoenix, Maricopa County Department of Transportation (MCDOT) and Arizona Department of Transportation (ADOT) datum, shall be corresponded, coordinated and compared with City of Peoria "Inertial System Benchmark Survey."

**Justification:**

At the present time, any developer who is serious about beginning design of a project must first call the city to get an elevation on an adjacent benchmark. This elevation coordinates the project with others that have already been built and those that will be built in the future. The elevation of various benchmarks used in the city comes from a survey performed several years ago. It has been found that since the time of that survey, many of the monuments have been either destroyed or replaced, and that the elevations currently in use are in question. The survey will also establish monuments and elevations in the north portion of the city. This project will allow future developments and services to be on the same elevation base as the rest of the city. This work will minimize the task of recreating benchmark references for any survey conducted by a public or private entity for accurate elevation and coordinate surveys within the city limits. The work will result in a reliable comprehensive, single source, reference for this information to be interpreted consistently by any and all parties. Further implementation into the GIS database will be needed as the information system is improved.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Transportation Sa Base		\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$10,000
SY-Study	Transportation Sa Base		\$0	\$235,000	\$0	\$0	\$0	\$0	\$235,000	\$0	\$0	\$0	\$470,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$480,000</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$40,000</b>								
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# Sidewalks Annual Program

**Project Number:** PW00046 **Project Location:** Citywide

**Description:**

This program addresses sidewalk deficiencies along arterial streets due to lack of adjacent development or older developments that did not complete the sidewalk improvements. The program provides for public involvement, design, utility coordination, utility relocation, right-of-way acquisition, materials testing, construction and construction administration for installing concrete sidewalks, repair or replacement of landscape and irrigation system improvements, applying pre-emergent and decomposed granite, along with incidental work to accomplish connectivity. The project will likely include processing of utility agreements for design and construction, as well as development agreements and intergovernmental agreements.



**Justification:**

In the early 2002, Council approved the funding of the Sidewalks Annual Program to be used for improvements to the City's existing infrastructure. The program is used to construct sidewalks along arterial streets. The Development and Engineering Department prioritizes projects based on certain criteria; 1) input from various departments, city management, Council and citizen requests, neighborhood support, 2) ADA requests, 3) areas around high pedestrian generators; such as, parks, and schools, safe routes, 4) impacts of development, 5) provisions in existing agreements, 6) is right-of-way sufficient to accommodate improvements, and 7) can the sidewalk improvements be constructed or are there any existing improvements, such as; decorative fences, walls, lights, and landscaping (trees, shrubs, grass, sprinklers, etc.) that conflict with the proposed sidewalk improvements and must be removed or relocated by the property owner prior to construction of the sidewalk improvements.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Highway User Fu	Base	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$9,000
CB-Chargebac	Highway User Fu	Base	\$0	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$57,600
CO-Construct	Highway User Fu	Base	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000
CO-Construct	Highway User Fu	Carryover	\$95,581	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,581
<b>Total Budget</b>			<b>\$195,581</b>	<b>\$107,400</b>	<b>\$1,162,181</b>								

<b>Total Operating Impacts</b>	<b>\$600</b>	<b>\$6,000</b>											
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## Sonoran Mountain Ranch Emergency Access

**Project Number:** EN00599    **Project Location:** 75th Av Alignment; Bajada Rd to 74th Ln

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for providing an emergency access road starting from 75th Avenue (2800 feet north of Jomax) and ending at approximately 3000 feet to the north at 74th Lane. The proposed emergency access roadway will be restricted and accessed only during emergencies. The proposed access road will be coordinated with development and is planned to be part of the Aloravita development's internal roadway network. In addition, a 12-inch potable waterline will be installed as part of this project. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

The Sonoran Mountain Ranch development is currently served by one roadway, Pyramid Peak Parkway, in and out. This can be problematic if, for any reason, this roadway becomes blocked or is taken out of service. The proposed emergency access will provide crucial emergency service access to the area in the case the roadway is out of service. The proposed waterline is required to serve existing and future residents.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$0	\$2,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,970
CO-Construct	Transportation Sa Base		\$0	\$0	\$297,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$297,030
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$300,000</b>						

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$70,000</b>								
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## Streetlight Pole Replacement Program

**Project Number:** PW11160 **Project Location:** Various

**Description:**

This program provides for the replacement of old streetlights and allows the city to respond to unexpected failures or newly identified locations for streetlights in residential areas. Staff evaluates the condition of existing streetlight poles, which may be more than 30 years old and prioritizes these for replacement. The division also accepts applications for new streetlights to address areas that may need additional lighting based on current lighting standards.

**Justification:**

In time, streetlight poles will often rust at the base, especially in areas where they are exposed to frequent sprinklers, irrigation and other water sources. When the base rusts, the pole’s integrity is compromised and it may fall. This program provides for the replacement of old streetlight poles that have become rusted and compromised due to age and wear. When the poles are replaced, new energy efficient LED fixtures are also installed.



At the FY20 rate of funding, about 118 poles can be replaced. Each new pole/fixture replacement costs about \$5,000. Approximately 2,543 poles are 30 years old or more out of 16,003 streetlight poles in the city.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Highway User Fu	Base	\$590,000	\$590,000	\$590,000	\$590,000	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$4,700,000
<b>Total Budget</b>			<b>\$590,000</b>	<b>\$590,000</b>	<b>\$590,000</b>	<b>\$590,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$4,700,000</b>

## Technical Pavement Condition Survey & Support

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**Project Number:** PW00512    **Project Location:** Citywide

**Description:**

Pavement preservation is integral to a fiscally sound program of pavement management. Allocated funds are applied to pavements where the greatest cost benefit will be realized in extended lifecycles and enhanced fiscal management through pavement lifecycle management.

In FY17, the Streets Division employed the first electronic survey of its entire pavement network. This survey provided multiple levels of data reporting on the conditions of our pavement surfaces as well as structure and sub-structure. Based upon data collected and allocated budgets, the electronic survey data allows the streets division to prioritize maintenance projects based upon the objective data. The electronic survey results are transmitted to the city’s Hansen work order system and the Streets Division’s Lucity Pavement Management software. It is then used to run various reports and scenarios to plan future maintenance projects. A citywide complete technical survey will be repeated every three (3) years to update the changed conditions for maximum efficiency of our pavement management program.

**Justification:**

This survey greatly enhances the division’s ability to report, forecast and plan our maintenance projects based upon consistent, objective data. Most larger cities in the valley utilize this technical inspection and reporting system, which enables benchmarking with other communities.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Highway User Fu	Base	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$255,000	\$1,020,000
<b>Total Budget</b>			<b>\$255,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>	<b>\$1,020,000</b>

## Thunderbird Rd; 67th Av-81st Av Lndscape Enhancemt

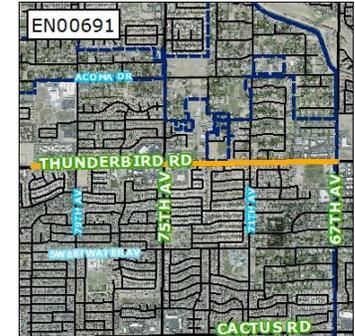
**Project Number:** EN00691    **Project Location:** Thunderbird Rd; 67th Av to 81st Av

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Thunderbird Road between 67th Avenue and 81st Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

Certain sections of landscape within the existing right-of-way along Thunderbird Road between 67th Avenue and 81st Avenue are outdated, in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Transportation Sa Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,516,904	\$0	\$0	\$1,516,904
<b>Total Budget</b>			<b>\$0</b>	<b>\$1,516,904</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,516,904</b>						

## Utility Undergrounding Program

**Project Number:** EN00563    **Project Location:** Citywide

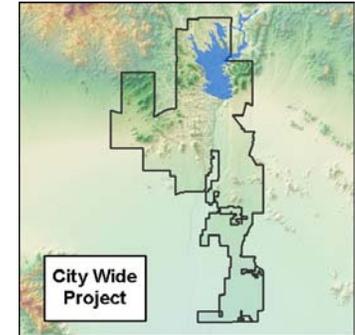
**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocations, materials testing, construction and construction management for a utility undergrounding program. The improvements will include trenching; installing conduit, cabinets, pedestals, etc.; pulling new wire; removing existing overhead facilities; and installing a new streetlight system. This program will also include processing of agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) for design and construction, as well as development agreements and intergovernmental agreements.

**Justification:**

Undergrounding overhead utilities can provide a number of benefits to Peoria residents, from more beautiful neighborhoods to more reliable utilities during extreme weather. City Code requires new or existing utilities to be placed underground when associated with new construction. Undergrounding overhead utilities faces many challenges, including cost, coordinating with other utilities, finding room within the existing right-of-way, and installing new streetlight systems. In 2013, the City prepared a Utility Undergrounding Master Plan (UUMP) that formalized a policy for burying overhead utilities, identified and prioritized projects, and evaluated possible funding sources.

The City of Peoria has a total of 170 miles of overhead utilities. The UUMP was based on a cost of \$350 per foot. Most recently the costs have been realized at \$400 per foot, which included installation of a new streetlight system. The UUMP identified removal of overhead utilities along arterial streets as a priority. In 2015, the city completed a project that buried the overhead utilities and installed a new streetlight system along the west side of 83rd Ave between Olive Av and Butler Dr and a second project is currently under design to bury the overhead utilities and install a new streetlight system along the south side of Olive Av between 91st Av and 85th Av.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000
CB-Chargebac	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000
CO-Construct	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000	\$450,000	\$450,000	\$1,800,000
DS-Design	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$535,000</b>	<b>\$535,000</b>	<b>\$535,000</b>	<b>\$535,000</b>	<b>\$2,140,000</b>

## Install CCTV Equipment Citywide

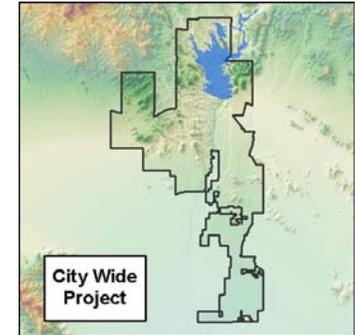
**Project Number:** EN00666    **Project Location:** Citywide

**Description:**

This project provides for two years of funding for the expansion of the city’s closed-circuit television cameras (CCTV) coverage at various signalized intersections. The CCTV deployment includes installation of the following components: pan-tilt-zoom high-definition CCTV cameras and other equipment, cabling and power supplies as needed.

**Justification:**

Traffic engineering staff use the CCTVs to monitor roadway congestion, assist with signal timing adjustments during construction, assist with planned/unplanned events, and for various traffic engineering studies. The new recording capability of the CCTVs allows staff to conduct studies more efficiently and identify issues, even during off hours. In addition, the Police Department is now using the recording capability to assist in serious injury/fatal collision reconstruction and/or prosecution, on-going criminal investigations, damage to government property and silver/amber alert situations. Currently, 63 of the city’s 121 signalized intersections have CCTV cameras. This project would provide CCTVs at an 24 additional strategic locations, and replace 8 existing legacy CCTVs that are low quality or at the end of life cycle. The remaining intersections will be upgraded with cameras in FY21.



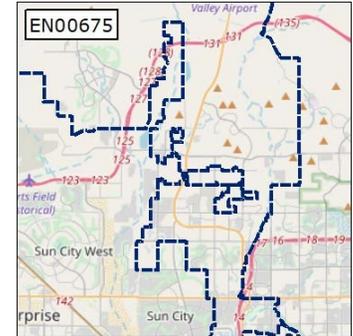
Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$2,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200
CB-Chargebac	Transportation Sa Base		\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000
CO-Construct	Transportation Sa Base		\$220,000	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$440,000
<b>Total Budget</b>			<b>\$220,000</b>	<b>\$229,200</b>	<b>\$0</b>	<b>\$449,200</b>							

## North Peoria Communications Backup

**Project Number:** EN00675    **Project Location:** North of Paradise Lane

**Description:**

The northern portion of Peoria continues to grow with more and more development coming into this area. Currently the entire north part of Peoria is served by one fiber trunk line that runs from Union Hills Drive up 83rd Avenue and along the Lake Pleasant Parkway alignment. This fiber line provides communication to the traffic signals and ITS infrastructure (including CCTV's), however, the City's IT Department also uses this fiber line to connect to City facilities including the Sunrise Mountain Library, the Pinnacle Peak Public Safety Facility, and in the future, the Paloma Community Park. In addition, the Public Works Department is now looking at connecting their infrastructure (SCADA) to this communication line as well. This project would provide a backup connection to the north part of Peoria in the event of a fiber break or other interruption, communication would continue to work through a wireless radio connection.



**Justification:**

Many City departments are dependent on the communication line to the north part of Peoria. In the event of a fiber break, all communication is lost. This wireless radio backup would provide the ability to not lose communication to any of the infrastructure that is so dependent on this communication line.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$0	\$0	\$14,600	\$0	\$0	\$0	\$0	\$0	\$0	\$14,600
CB-Chargebac	Transportation Sa Base		\$0	\$0	\$0	\$117,000	\$0	\$0	\$0	\$0	\$0	\$0	\$117,000
CO-Construct	Transportation Sa Base		\$0	\$0	\$0	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
DS-Design	Transportation Sa Base		\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
SY-Study	Transportation Sa Base		\$0	\$0	\$0	\$65,000	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,656,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,656,600</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$18,000</b>										
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## Traffic Management Center Equipment Replacement

**Project Number:** EN00433    **Project Location:** Development and Community Services Building

**Description:**

This project provides funding for periodic equipment replacement in the City’s Traffic Management Center (TMC) located in the Development and Community Services Building. This equipment includes the video wall monitors, computer hardware and switches, video conferencing equipment, and other related equipment. The city was awarded federal CMAQ funds to offset the costs of the first equipment replacement.

**Justification:**

The equipment in the Traffic Management Center has an average life of five years. This funding will allow for the regular replacement of this equipment to ensure that the TMC continues to operate at an acceptable level of service.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation	Sa Base	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$10,000
CO-Construct	Transportation	Sa Base	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$1,000,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$505,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$505,000</b>	<b>\$1,010,000</b>

## Traffic Signal Interconnect Project (TSIP)

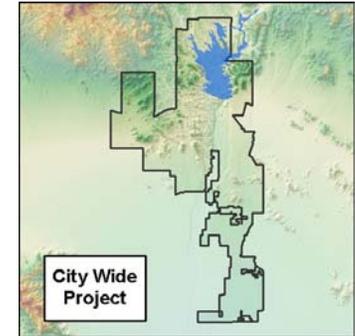
**Project Number:** PW00133    **Project Location:** Various

**Description:**

This project is for the extension of the fiber optic system to provide communications to the city's traffic signals. This funding will provide the additional conduit, fiber optic cable, computer networking equipment, communication lines and ITS equipment (CCTV cameras, dynamic message signs, etc.). The fiber optics communication system will aid in maintaining the coordination of the city's traffic signals, as well as obtaining valuable intersection information from a central location.

**Justification:**

The city installed a fiber optic backbone on 83rd Avenue from Olive Avenue to Bell Road, and has installed additional interconnect conduit to connect to the backbone system. The system needs to be extended to allow the city to communicate with the traffic signals, make changes to the timing, and monitor the operation of the signal from a central location. This project will improve transportation efficiency and safety, and improve the response to traffic problems such as stalled vehicles, crashes and other obstructions to traffic flow.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Transportation Sa Base		\$0	\$0	\$2,000	\$0	\$2,000	\$0	\$2,000	\$0	\$2,000	\$0	\$8,000
CB-Chargebac	Transportation Sa Base		\$0	\$0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$0	\$20,000
CO-Construct	Transportation Sa Base		\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$875,000
CO-Construct	Transportation Sa Carryover		\$63,501	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,501
DS-Design	Transportation Sa Base		\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$125,000
<b>Total Budget</b>			<b>\$263,501</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$0</b>	<b>\$1,091,501</b>

## Traffic Signal Program

**Project Number:** EN00170    **Project Location:** Various

**Description:**

The Traffic Signal Program provides funding for traffic studies, coordination with adjacent property owners, public involvement, design, materials testing, construction and construction administration for various traffic control improvements/enhancements. These improvements may include, but are not limited to, new signals, modification of existing signals and handicap ramps, the purchase and installation of miscellaneous traffic signal equipment, intelligent transportation system equipment, speed display signs, CCTV, etc.

**Justification:**

The Traffic Signal Program consistently follows the city’s General Plan and reflects City Council goals and policies to create a safe, efficient transportation network for the movement of traffic, people, and goods; improve the coordination with regional transportation management; and provide a way to address evolving needs in response to growth and development. The Development and Engineering Department prioritizes projects based on input from various departments, city management, Council, and citizen requests.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Outside Sources	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
AT-Arts	Transportation Sa	Base	\$0	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$49,500
CB-Chargebac	Transportation Sa	Base	\$0	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$400,500
CO-Construct	Transportation Sa	Base	\$748,020	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,698,020
CO-Construct	Transportation Sa	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$873,020</b>	<b>\$600,000</b>	<b>\$6,273,020</b>								

## Traffic Signal Renovation and Replacement

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**Project Number:** PW00993    **Project Location:** Various

**Description:**

There are currently 122 signalized intersections in the City. This project provides for the replacement of wiring, signal cabinets, battery back-ups, and controllers at an average rate of 6 intersections per year. In many cases, accidents necessitating replacement or new development/technology facilitate signal systems upgrades but if not, they should be thoroughly renovated in a routine program of maintenance.

**Justification:**

The traffic signal system requires ongoing maintenance and replacement to avoid malfunctions and failures. This electronic equipment is subject to a high temperature environment, which has a negative impact on its longevity.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Highway User Fu	Base	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$3,090,000
<b>Total Budget</b>			<b>\$309,000</b>	<b>\$3,090,000</b>									

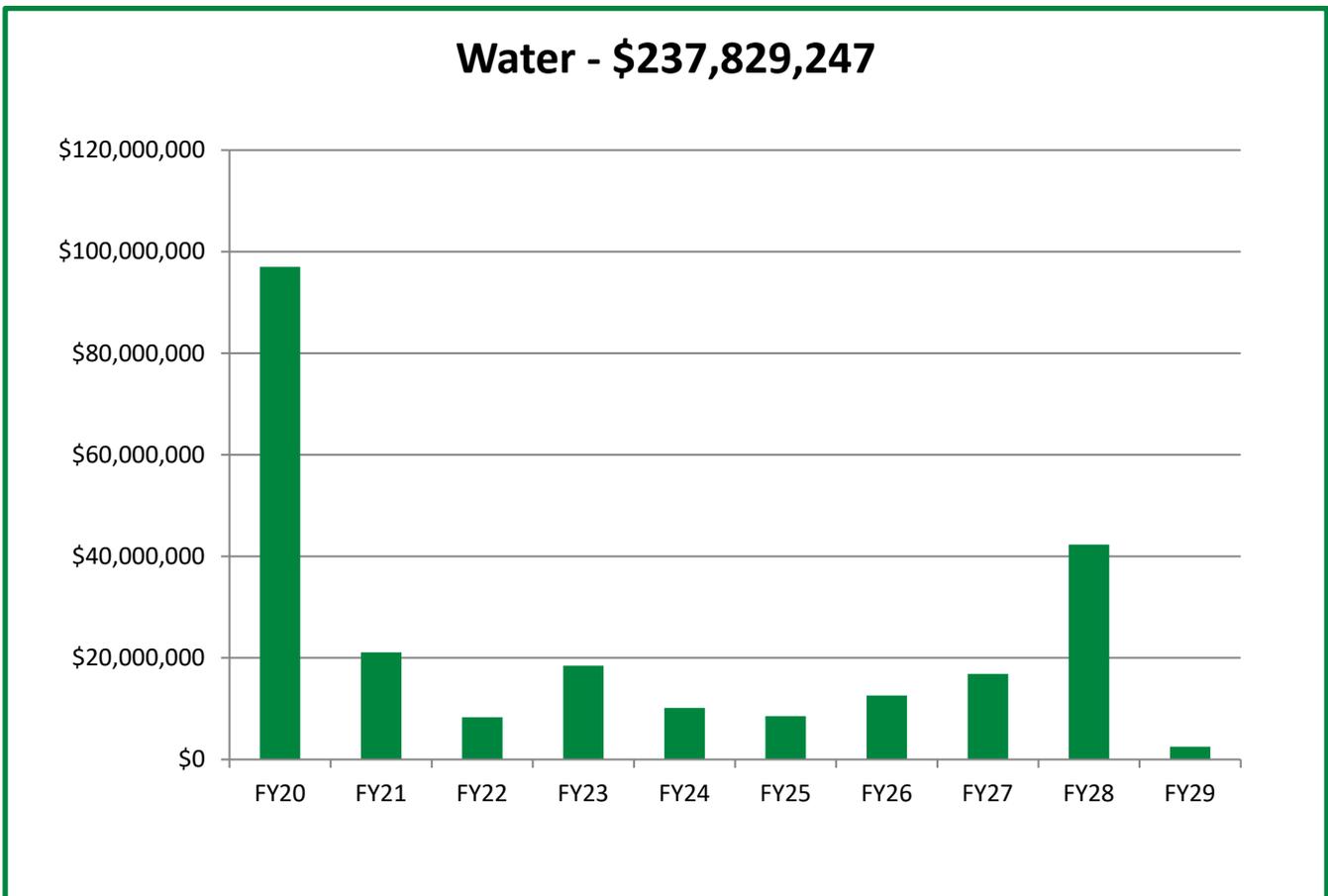


# Water

Water operations are considerably more complex than one might imagine. Acquisition of the water itself is only the first step, whether it comes from renewable sources like the Colorado River or the city’s own well sites. A successful water operation depends upon large treatment facilities, as well as a network of infrastructure to distribute water to the facilities for treatment and then ultimately to the users.

Like wastewater projects, water infrastructure is funded primarily through operating revenues from user fees, revenue bonds, and development

impact fees. The 10-year program includes funding for an additional 10 million gallons per day of treatment capacity to serve the growing needs for water in the northern portion of Peoria, replacement of water meters that are using transmission technology and equipment that has reached the end of its useful life as well as upgrading existing water distribution and production sites to address reliability and efficiency issues as these facilities age. These upgrades allow the system to continue to operate with reliability, efficiency, and redundancy as well as ensuring water quality.



## Water

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
67th Ave. 16-in Waterline Pinnacle Pk. To Hatfield	197	\$0	\$153,975	\$0	\$1,307,500	\$0	\$0	\$1,461,475
75th Ave 16" Waterline Cholla St to Thunderbird Rd	198	\$0	\$0	\$0	\$252,500	\$2,500,000	\$0	\$2,752,500
75th Avenue and Grand PRV Upgrade	199	\$515,073	\$0	\$0	\$0	\$0	\$0	\$515,073
Agua Fria Booster Station - Phase II	200	\$0	\$0	\$0	\$0	\$0	\$5,234,000	\$5,234,000
Agua Fria Booster/PRV	201	\$2,512,381	\$0	\$0	\$0	\$0	\$0	\$2,512,381
Butler Well Site Rehabilitation	202	\$748,596	\$0	\$0	\$0	\$0	\$0	\$748,596
CAP Pump Station Rehabilitation	203	\$3,301,103	\$0	\$0	\$0	\$0	\$0	\$3,301,103
Condition Assessment of Remote Sites	204	\$68,665	\$0	\$300,000	\$0	\$0	\$0	\$368,665
Desert Harbor-Arrowhead Shores Well Mixing	205	\$3,393,925	\$0	\$0	\$0	\$0	\$0	\$3,393,925
El Mirage Road Waterline Upsizing	206	\$0	\$0	\$0	\$0	\$1,717,000	\$0	\$1,717,000
Expansion of Reclaim System in Old Town Area	207	\$0	\$2,078,026	\$0	\$0	\$0	\$0	\$2,078,026
Fire Hydrant Infill and Replacement	209	\$60,000	\$163,200	\$163,200	\$163,200	\$163,200	\$816,000	\$1,528,800
Greenway WTP 8 MGD Expansion	210	\$0	\$0	\$0	\$0	\$0	\$31,694,078	\$31,694,078
Greenway WTP Equipment Upgrade and Replacement	211	\$594,000	\$358,000	\$302,000	\$102,000	\$102,000	\$642,000	\$2,100,000
Integrated Water Utility Master Plan (IWUMP)	212	\$0	\$0	\$351,600	\$239,600	\$0	\$0	\$591,200
Jomax Booster Station Upgrades	213	\$3,057,176	\$0	\$0	\$0	\$0	\$0	\$3,057,176
Jomax Waterline - Loop 303 to El Mirage Road	214	\$0	\$0	\$0	\$0	\$0	\$2,001,500	\$2,001,500
Lake Pleasant Parkway 16-inch Waterline	215	\$2,547,295	\$0	\$0	\$0	\$0	\$0	\$2,547,295
Lake Plsnt Pkwy 24-inch Waterline; Loop 303- LPWTP	216	\$0	\$0	\$0	\$0	\$0	\$6,437,104	\$6,437,104
LPH Mystic Water Oversizing	217	\$261,097	\$70,629	\$0	\$95,483	\$0	\$0	\$427,209
Miscellaneous Local Waterline Improvements	218	\$450,000	\$257,500	\$257,500	\$257,500	\$257,500	\$1,287,500	\$2,767,500
MOC Reservoir Site Improvements	219	\$427,822	\$0	\$0	\$0	\$0	\$0	\$427,822
New River Utility Co. Acquisition & Improvements	220	\$4,101,165	\$0	\$0	\$0	\$0	\$0	\$4,101,165
Patterson Reservoir - Existing Well Connection	221	\$437,194	\$5,692,867	\$0	\$0	\$0	\$0	\$6,130,061

## Water

### Summary by Project

<b>Project Name</b>	<b>Pg#</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
Pyramid Peak Water Treatment Plant - Upgrades	222	\$4,831,355	\$0	\$0	\$0	\$0	\$0	\$4,831,355
Pyramid Peak Water Treatment Plant Expansion	223	\$52,576,365	\$1,669,125	\$0	\$0	\$0	\$0	\$54,245,490
Quintero WTP Equipment Upgrade and Replacement	224	\$70,000	\$150,000	\$100,000	\$50,000	\$50,000	\$250,000	\$670,000
Reclaimed Water Master Plan Implementation	225	\$300,000	\$0	\$2,000,000	\$5,700,000	\$0	\$0	\$8,000,000
SCADA Equipment Replacement	226	\$455,000	\$450,000	\$450,000	\$550,000	\$550,000	\$750,000	\$3,205,000
Sports Complex/WI115 Well Connection	227	\$0	\$0	\$0	\$2,875,989	\$0	\$0	\$2,875,989
Sweetwater Well Site Rehabilitation	228	\$0	\$0	\$0	\$385,950	\$2,243,375	\$0	\$2,629,325
Technology and Security Master Plan	229	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
Terramar Booster Pump Station Rehabilitation	230	\$3,050,000	\$0	\$0	\$0	\$0	\$0	\$3,050,000
Utility Billing System	231	\$0	\$0	\$0	\$2,810,000	\$0	\$0	\$2,810,000
WI08 Bailey Well Site Improvements	232	\$0	\$500,439	\$0	\$0	\$0	\$0	\$500,439
Water & Wastewater Rate Study	233	\$175,000	\$0	\$0	\$100,000	\$0	\$200,000	\$475,000
Water Facility Reconditioning	234	\$1,300,000	\$813,000	\$813,000	\$813,000	\$813,000	\$4,065,000	\$8,617,000
Water Line Assessment and Replacement	235	\$857,249	\$2,220,000	\$0	\$0	\$0	\$0	\$3,077,249
Water Meter Replacement Program	236	\$0	\$0	\$0	\$0	\$0	\$14,605,000	\$14,605,000
Water System Additional R & M Expense	237	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$4,418,750	\$8,837,500
Water/Wastewater Hydraulic Model Update	238	\$179,000	\$0	\$0	\$0	\$200,000	\$0	\$379,000
Water/Wastewater/Expansion Fee Update	239	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$200,000
Weedville Well Site Rehabilitation	240	\$1,030,000	\$1,753,000	\$0	\$0	\$0	\$0	\$2,783,000
Wellhead Water Quality Mitigation	241	\$3,459,123	\$0	\$0	\$0	\$0	\$0	\$3,459,123
Wells - New Construction	242	\$1,300,001	\$230,840	\$1,963,720	\$0	\$203,250	\$3,669,810	\$7,367,621
West Agua Fria Water Lines	243	\$1,286,787	\$590,092	\$237,855	\$1,284,720	\$0	\$0	\$3,399,454
Westland Rd. Reservoir and Booster Station	244	\$2,315,666	\$0	\$0	\$0	\$0	\$0	\$2,315,666
Westland Reservoir/Booster Station - Phase II	245	\$0	\$0	\$0	\$0	\$0	\$6,196,000	\$6,196,000
White Mountain Apache Tribe Water Rights Purchase	246	\$0	\$1,726,020	\$509,176	\$483,286	\$457,395	\$431,505	\$3,607,382
Zone 1/2 PRV Upgrades (91st and Cactus)	247	\$150,000	\$1,349,000	\$0	\$0	\$0	\$0	\$1,499,000

## Water

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<i>Total - Water</i>		\$96,994,788	\$21,109,463	\$8,331,801	\$18,454,478	\$10,140,470	\$82,798,247	\$237,829,247

# Water

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
2050 - Water Fund	\$28,227,594	\$15,274,965	\$5,260,950	\$14,401,547	\$6,861,450	\$34,926,262	\$104,952,768
2161 - Water Expansion	\$674,346	\$0	\$0	\$0	\$0	\$0	\$674,346
2162 - Water Expansion	\$1,936,465	\$0	\$0	\$45,000	\$0	\$0	\$1,981,465
2163 - Water Expansion	\$1,043,500	\$2,494,678	\$14,045	\$1,089,195	\$2,243,375	\$5,000	\$6,889,793
2164 - Water Expansion	\$11,100,094	\$1,043,147	\$1,997,575	\$333,030	\$203,250	\$10,332,937	\$25,010,033
2165 - Water Expansion	\$0	\$5,842	\$2,355	\$32,720	\$0	\$20,000	\$60,917
2167 - Water Resource	\$0	\$1,726,020	\$509,176	\$483,286	\$457,395	\$431,505	\$3,607,382
2270 - WIFA Revenue Bonds	\$2,601,165	\$0	\$0	\$0	\$0	\$0	\$2,601,165
2271 - WIFA Revenue Bonds	\$50,717,624	\$0	\$0	\$0	\$0	\$0	\$50,717,624
2273 - Future WIFA Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$31,694,078	\$31,694,078
2400 - Wastewater Fund	\$534,000	\$437,382	\$523,097	\$1,085,997	\$375,000	\$5,338,465	\$8,293,941
2506 - Wastewater Expansion	\$0	\$127,429	\$24,603	\$148,203	\$0	\$29,500	\$329,735
2507 - Wastewater Expansion	\$0	\$0	\$0	\$20,500	\$0	\$20,500	\$41,000
2590 - Commercial Solid Waste	\$25,000	\$0	\$0	\$240,000	\$0	\$0	\$265,000
2600 - Residential Solid Waste	\$50,000	\$0	\$0	\$500,000	\$0	\$0	\$550,000
2700 - Stormwater Fund	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
4810 - Outside Sources	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
<b>Total - Water</b>	<b>\$96,994,788</b>	<b>\$21,109,463</b>	<b>\$8,331,801</b>	<b>\$18,454,478</b>	<b>\$10,140,470</b>	<b>\$82,798,247</b>	<b>\$237,829,247</b>

## 67th Ave. 16-in Waterline Pinnacle Pk. To Hatfield

**Project Number:** UT00440    **Project Location:** 67th Av; Pinnacle Peak Rd to Hatfield Rd

**Description:**

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the installation of approx. 6,700 LF of new 16-inch ductile iron waterline on 67th Avenue between Pinnacle Peak Road and Hatfield Road. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

**Justification:**

The project is programmed to be constructed simultaneously with the regional storm drain project and the 67th Av street improvements. The water line will also increase water system redundancy, reliability and availability in the area. Currently many of the local residents are on groundwater wells. This project is intended to encourage connection to our water system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$1,500	\$0	\$12,500	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000
CB-Chargebac	Water Fund	Base	\$0	\$2,475	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$47,475
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,000
DS-Design	Water Fund	Base	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$153,975</b>	<b>\$0</b>	<b>\$1,307,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,461,475</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$35,000</b>							
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## 75th Ave 16" Waterline Cholla St to Thunderbird Rd

**Project Number:** UT00400    **Project Location:** 75th Av; Cholla St to Thunderbird Rd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, Water Services coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, and all related sitework for installation of new ductile iron waterlines to replace existing AC and PVC Pipe along 75th Avenue from Cholla Street to Thunderbird Road. This excludes segments constructed with the Thunderbird Road and Cactus Road intersection widening projects. It will install a new 16" watermain, including fittings, valves, hydrants, appurtenances and abandonment of existing replaced waterlines, and restoration and or replacement of pavement, including, landscaping, as necessary, etc. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc.) design and construction agreements, development and intergovernmental agreements.



**Justification:**

Major water transmission pipelines and booster stations are required to convey and deliver surface water. These pipelines will connect the water treatment plant to the local water distribution system. This waterline was recommended by the Water Infrastructure Master Plan. These reaches of waterline are dependent upon and being coordinated with the 75th Avenue and Cactus Road Intersection project. Replacement of aging waterlines within the construction limits of each intersection will prevent disturbing the new intersections for some years to come.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$2,500	\$24,752	\$0	\$0	\$0	\$0	\$0	\$27,252
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$2,475,248	\$0	\$0	\$0	\$0	\$0	\$2,475,248
DS-Design	Water Fund	Base	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$252,500</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,752,500</b>

## 75th Avenue and Grand PRV Upgrade

**Project Number:** UT00408    **Project Location:** 75th Av & Grand Av

**Description:**

Project includes the abandonment and demolition of an existing pressure-reducing valve (PRV) station located at 75th Avenue and Grand Avenue. A new PRV station, located in the same vicinity, will be constructed per City standards. The project will upsize the existing 8-inch PRV to a 10-inch, and add a 4-inch low flow bypass as well.

**Justification:**

The current pressure reducing valve station (PRV) at 75th Avenue and Grand Avenue is not to current City standards. A PRV is needed at the intersection to allow drinking water to flow between City pressure zones (1 and 2). By removing the older, substandard PRV, the City can construct a new PRV station that is much more efficient and safe for City maintenance staff. In addition, staff cannot currently control this PRV through our SCADA system. This project will add the required SCADA elements to allow for remote monitoring and operation that will increase staff efficiency.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Base	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000
CO-Construct	Water Fund	Carryover	\$175,073	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,073
<b>Total Budget</b>			<b>\$515,073</b>	<b>\$0</b>	<b>\$515,073</b>								

## Agua Fria Booster Station - Phase II

**Project Number:** UT00501    **Project Location:** Agua Fria Booster Station

**Description:**

This project is the second phase of construction for a new water booster pump station located just west of Lake Pleasant Parkway along the Lone Mountain Parkway alignment. This second phase will include pre-design, design, utility coordination, permitting and construction for additional pump station capacity to meet further development demand.

**Justification:**

Phase one of the project will only move 6 MGD to the Vistancia area. Growth timing is still not known, so the full booster station capacity is not being built at this time. This project will reserve funding for the second phase for when it is needed.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$12,822	\$0	\$0	\$0	\$0	\$12,822
CB-Chargebac	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
CO-Construct	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$782,178	\$0	\$0	\$0	\$0	\$782,178
DS-Design	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$19,307	\$19,307	\$0	\$0	\$38,614
CB-Chargebac	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000	\$12,000	\$0	\$0	\$24,000
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$1,930,693	\$1,930,693	\$0	\$0	\$3,861,386
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,310,000</b>	<b>\$1,962,000</b>	<b>\$1,962,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,234,000</b>

## Agua Fria Booster/PRV

**Project Number:** UT00245    **Project Location:** Lake Pleasant Pkwy and Lone Mountain Rd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for the construction a new water booster pump station that will provide additional water to areas west of the Agua Fria River. This additional water is needed for future development and to provide system redundancy. The proposed FY20 funding is for expected additional construction costs related to recent industry cost trends. The site is located just west of Lake Pleasant Parkway at Lone Mountain Road.



**Justification:**

Construction of this project will increase water supply quantity to meet demand in areas to the west of the Agua Fria River. These areas are currently only supplied by groundwater wells. Additional water supply is needed for expected growth in the area.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Carryover	\$2,512,381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,512,381
<b>Total Budget</b>			<b>\$2,512,381</b>	<b>\$0</b>	<b>\$2,512,381</b>								

<b>Total Operating Impacts</b>	<b>\$33,100</b>	<b>\$331,000</b>											
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## Butler Well Site Rehabilitation

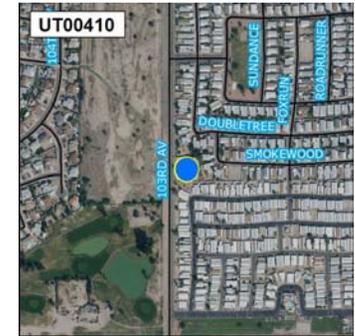
**Project Number:** UT00410    **Project Location:** 103rd Av & Butler Dr

**Description:**

Project includes several site rehabilitation tasks to bring the site up to City standard. General site work includes grading, tree removal, wall painting, and landscaping. Concrete work includes new pad for the electrical lineup, the discharge box, and a few other minor items. Project will add an onsite retention basin with drywell for well startup waste.

**Justification:**

A condition assessment of the City's water and wastewater remote facilities was completed in 2014. The Butler Well and Reservoir Site (W102) was identified in this assessment as not currently meeting City standards. The site is an important site for the southern portion of the City's water supply.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Carryover	\$748,596	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$748,596
<b>Total Budget</b>			<b>\$748,596</b>	<b>\$0</b>	<b>\$748,596</b>								

## CAP Pump Station Rehabilitation

**Project Number:** UT00274    **Project Location:** 163rd Av & Jomax Rd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for the rehabilitation of an existing raw water booster pump station that provides raw water to the Quintero Water Treatment Facility. The CAP Pump Station is the only source of water for the Quintero community. The station is outdated and not up to current City standards. The project includes backfill of an existing basin, replacement of pump station piping, replacement of aging pumps, and the relocation and replacement of existing electrical equipment that is beyond its expected lifespan. The site itself is located outside of the City's limits at 163rd Avenue and Jomax Road.



**Justification:**

The CAP Pump Station is the sole source of water for the Quintero subdivision in northern Peoria. The site is outdated and not to current City standards.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Base	\$2,900,330	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,900,330
CO-Construct	Water Fund	Carryover	\$400,773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,773
<b>Total Budget</b>			<b>\$3,301,103</b>	<b>\$0</b>	<b>\$3,301,103</b>								

## Condition Assessment of Remote Sites

**Project Number:** UT00256    **Project Location:** Citywide

**Description:**

This project will assess the condition of all water wells and booster pump stations, wastewater lift stations and collection systems, and reuse water sites (excluding treatment plants). The information gathered will be used to assess the overall funding needs for Water Services sites. In addition, this information may be used to increase the accuracy of some master plan elements.

**Justification:**

This project will provide an overall condition assessment of all utility infrastructure that will be used for project costs and timing as well as providing information for the Integrated Master Plan.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	Wastewater Fund	Base	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
OT-Other	Water Fund	Carryover	\$68,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$68,665
SY-Study	Water Fund	Base	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$68,665</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$368,665</b>						

## Desert Harbor-Arrowhead Shores Well Mixing

**Project Number:** UT00312    **Project Location:** 91st Av and Greenway Rd to Arrowhead Shores Well

**Description:**

This project will recommission the waterline from the Desert Harbor Well to the Arrowhead Shores Reservoir in order to facilitate mixing of two water sources including the Desert Harbor Well and the Arrowhead Shores Well. The Desert Harbor Well is currently only used to supply water to the Desert Harbor HOA Lake. This project will not interrupt that service, but will allow some of the well capacity to be used for potable purposes. The FY18 project scope was updated to include rehabilitation of the existing Arrowhead Shores Well/Reservoir Site. Additional FY19 and FY20 funding is needed to ensure the site is brought up to current City standards. Site improvements include rehabilitation of the Arrowhead Shores Well, the two reservoirs, and updates to the disinfection system and booster pump station.



**Justification:**

The Desert Harbor Well is currently not connected to the system due to arsenic concerns. The blending of this water source with the Arrowhead Shores Well will allow for an increase in the reliable water supply for the area.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Carryover	\$1,761,877	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,761,877
CO-Construct	Water Fund	Base	\$650,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000
CO-Construct	Water Fund	Carryover	\$982,048	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$982,048
<b>Total Budget</b>			<b>\$3,393,925</b>	<b>\$0</b>	<b>\$3,393,925</b>								

## El Mirage Road Waterline Upsizing

**Project Number:** UT00430    **Project Location:** El Mirage Rd - Lone Mntn to Westland Reservoir

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and Water Services coordination for the installation of new waterline along El Mirage Road from Lone Mountain Road to the Westland Reservoir Facility. The waterline will be constructed by an area developer, but the City will include funding for 'oversize' of that waterline to account for future development. This oversize component is typically repaid by future developers through impact fee assessment.

**Justification:**

While this waterline is expected to be constructed by developers in the area, the City will often look to "oversize" a waterline to meet future development needs beyond those of the developer. This process is done through a development agreement where the City reimburses the developer for the oversize cost.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717,000</b>

## Expansion of Reclaim System in Old Town Area

**Project Number:** UT00310    **Project Location:** 85th Av; Mountain View Rd to Grand Av

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for the installation of approx. 12-inch ductile iron reclaimed waterline and appurtenances in the Old Town area. The City has goals to utilize the treated wastewater (reclaimed water), produced at the Butler Water Reclamation Facility for groundwater recharge and landscape irrigation. This waterline will provide reclaimed water to a future groundwater recharge well as well as area parks and landscaping. The project will be coordinated in the CIP with the design and construction of a new groundwater recharge well.



**Justification:**

Installation of new reclaimed waterlines allows reclaimed water to be used for landscape irrigation in parks, schools, and the City right-of-way. By providing reclaimed water for these customers, the city helps preserve valuable drinking water resources.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Expa	Base	\$0	\$1,222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,222
CB-Chargebac	Wastewater Expa	Base	\$0	\$2,261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,261
CO-Construct	Wastewater Expa	Base	\$0	\$122,162	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$122,162
DS-Design	Wastewater Expa	Base	\$0	\$1,784	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,784
AT-Arts	Wastewater Fund	Base	\$0	\$2,036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,036
CB-Chargebac	Wastewater Fund	Base	\$0	\$3,768	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,768
CO-Construct	Wastewater Fund	Base	\$0	\$203,605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$203,605
DS-Design	Wastewater Fund	Base	\$0	\$2,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,973
AT-Arts	Water Expansion	Base	\$0	\$14,206	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,206
CB-Chargebac	Water Expansion	Base	\$0	\$27,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,130
CO-Construct	Water Expansion	Base	\$0	\$1,420,616	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,420,616
DS-Design	Water Expansion	Base	\$0	\$21,404	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,404
AT-Arts	Water Fund	Base	\$0	\$2,443	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,443
CB-Chargebac	Water Fund	Base	\$0	\$4,522	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,522
CO-Construct	Water Fund	Base	\$0	\$244,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$244,327
DS-Design	Water Fund	Base	\$0	\$3,567	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,567
<b>Total Budget</b>			<b>\$0</b>	<b>\$2,078,026</b>	<b>\$0</b>	<b>\$2,078,026</b>							

## Expansion of Reclaim System in Old Town Area

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,633</b>	<b>\$1,633</b>	<b>\$1,633</b>	<b>\$1,633</b>	<b>\$1,633</b>	<b>\$1,633</b>	<b>\$0</b>	<b>\$9,798</b>
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## Fire Hydrant Infill and Replacement

**Project Number:** UT00204    **Project Location:** Citywide

**Description:**

This is an ongoing program to install new fire hydrants in areas of the city where fire hydrant spacing exceeds city infrastructure guidelines. In addition, this program will provide for the systematic replacement of fire hydrants in the water distribution system that are determined to be obsolete and/or for which replacement parts are no longer available. There are currently a total of 8,717 fire hydrants in our water distribution system. This program will provide for the systematic replacement of 20 obsolete hydrants per year at a cost of \$160,000.

**Justification:**

Identification of the need for additional fire hydrants in the water distribution system and the replacement of obsolete fire hydrants is ongoing to ensure compliance with Fire Code standards.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$1,616	\$1,616	\$1,616	\$1,616	\$1,616	\$1,616	\$1,616	\$1,616	\$1,616	\$14,544
CO-Construct	Water Fund	Base	\$0	\$161,584	\$161,584	\$161,584	\$161,584	\$161,584	\$161,584	\$161,584	\$161,584	\$161,584	\$1,454,256
CO-Construct	Water Fund	Carryover	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
<b>Total Budget</b>			<b>\$60,000</b>	<b>\$163,200</b>	<b>\$1,528,800</b>								

## Greenway WTP 8 MGD Expansion

**Project Number:** UT00311    **Project Location:** Greenway Water Treatment Plant

**Description:**

This project provides for an 8 million gallons per day (MGD) expansion of the Greenway Water Treatment Plant from its current capacity of 16 MGD to 24 MGD. The treatment plant was master planned to be expanded further to an ultimate capacity of 32 MGD. This project includes sizing major treatment processes to increase existing capacity.

**Justification:**

The City’s continuing growth and development results in the increased demand for potable water. This expansion will ensure that sufficient water production is provided to meet the increasing demands by adding treatment capacity at the existing facility.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,216	\$277,102	\$0	\$312,318
CB-Chargebac	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$0	\$150,000
CO-Construct	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,710,176	\$0	\$27,710,176
DS-Design	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,521,584	\$0	\$0	\$3,521,584
<b>Total Budget</b>			<b>\$0</b>	<b>\$3,606,800</b>	<b>\$28,087,278</b>	<b>\$0</b>	<b>\$31,694,078</b>						

## Greenway WTP Equipment Upgrade and Replacement

**Project Number:** UT00316    **Project Location:** Greenway Water Treatment Plant

**Description:**

The Greenway Water Treatment Plant was constructed in 2001, and like any critical facility, requires equipment and component replacement and overhaul on a periodic basis to ensure continuous and reliable operation. Replacement, upgrade, and overhaul projects include replacement of chemical feed pumps, motors, VFDs, replacement of ozone generator and destruct unit components, mixers, influent screens, various analyzers, and miscellaneous building and site improvements.

**Justification:**

The Greenway Water Treatment Plant provides potable water services to approximately one-third of Peoria customers. Repairing and replacing equipment is an important part of keeping this facility in good and reliable working order. This is not only important for our core service, but is required by county and state regulations.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
EQ-Equipment	Water Fund	Base	\$494,000	\$358,000	\$302,000	\$102,000	\$102,000	\$178,000	\$158,000	\$102,000	\$102,000	\$102,000	\$2,000,000
<b>Total Budget</b>			<b>\$594,000</b>	<b>\$358,000</b>	<b>\$302,000</b>	<b>\$102,000</b>	<b>\$102,000</b>	<b>\$178,000</b>	<b>\$158,000</b>	<b>\$102,000</b>	<b>\$102,000</b>	<b>\$102,000</b>	<b>\$2,100,000</b>

## Integrated Water Utility Master Plan (IWUMP)

**Project Number:** UT00271    **Project Location:** Citywide

**Description:**

This project will update the 2015 Integrated Water Utilities Master Plan (IWUMP), which addresses the City's water, wastewater, and reuse systems, as well as the City's water portfolio. The IWUMP will identify the water resources needed to support the City's adopted General Plan Land Use map. This will be accomplished by determining the amount of potable and reuse water required along with the amount of wastewater generated at build-out. These requirements must be identified to determine future water resource, production, distribution, collection, and treatment facility requirements. Because it is so broad in scope, this project will require 18 months to complete.



**Justification:**

According to the City's adopted Principles of Sound Water Management, staff will update the IWUMP on a seven-year cycle, to keep up with development and regulatory changes. The current IWUMP was completed in FY2015; accordingly, the next update will need to start in FY2022.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CB-Chargebac	Wastewater Expa	Base	\$0	\$0	\$2,185	\$1,665	\$0	\$0	\$0	\$0	\$0	\$0	\$3,850
SY-Study	Wastewater Expa	Base	\$0	\$0	\$22,418	\$17,038	\$0	\$0	\$0	\$0	\$0	\$0	\$39,456
CB-Chargebac	Wastewater Fund	Base	\$0	\$0	\$13,109	\$8,739	\$0	\$0	\$0	\$0	\$0	\$0	\$21,848
SY-Study	Wastewater Fund	Base	\$0	\$0	\$134,988	\$92,258	\$0	\$0	\$0	\$0	\$0	\$0	\$227,246
CB-Chargebac	Water Expansion	Base	\$0	\$0	\$4,369	\$2,705	\$0	\$0	\$0	\$0	\$0	\$0	\$7,074
SY-Study	Water Expansion	Base	\$0	\$0	\$43,531	\$29,195	\$0	\$0	\$0	\$0	\$0	\$0	\$72,726
CB-Chargebac	Water Fund	Base	\$0	\$0	\$11,548	\$7,699	\$0	\$0	\$0	\$0	\$0	\$0	\$19,247
SY-Study	Water Fund	Base	\$0	\$0	\$119,452	\$80,301	\$0	\$0	\$0	\$0	\$0	\$0	\$199,753
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$351,600</b>	<b>\$239,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$591,200</b>

## Jomax Booster Station Upgrades

**Project Number:** UT00285    **Project Location:** Jomax Rd and Terramar Blvd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for an upgrade to the existing Jomax Booster Pump Station, located at Jomax Road and Terramar Blvd. The City is actively working with the City of Glendale on an expansion of the Pyramid Peak Water Treatment Plant (PPWTP), which will provide more water for future growth in northern areas of the City. This project will increase the booster pump capacity at the Jomax Booster Station site to move the additional water where it is needed. Included in this upgrade are new booster pumps, additional electrical capacity and equipment, a new backup generator, and new site piping associated with these improvements. This project will also include modifications to an existing turnout structure from the PPWTP located at 67th Avenue and Jomax Road and pump upgrades at the Sonoran Mountain Ranch Booster Station located at 75th Avenue and Jomax Road to further assist with proper delivery of the new water source.



**Justification:**

Construction of this project will increase water supply quantity by increasing infrastructure capacity to meet the newly available supply from the Glendale PPWTP.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Outside Sources	Base	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
CO-Construct	Water Expansion	Base	\$1,971,129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,971,129
CO-Construct	Water Expansion	Carryover	\$270,230	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$270,230
CO-Construct	Water Fund	Base	\$728,871	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$728,871
OT-Other	Water Fund	Carryover	\$1,946	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,946
<b>Total Budget</b>			<b>\$3,057,176</b>	<b>\$0</b>	<b>\$3,057,176</b>								

<b>Total Operating Impacts</b>	<b>\$20,100</b>	<b>\$0</b>	<b>\$180,900</b>										
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## Jomax Waterline - Loop 303 to El Mirage Road

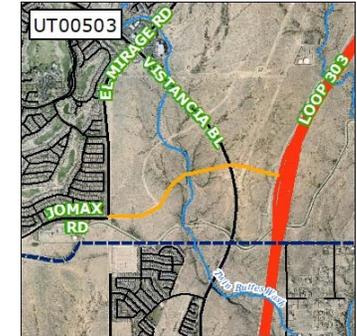
**Project Number:** UT00503    **Project Location:** Jomax Blvd and El Mirage Rd

**Description:**

This project will add a new ductile iron water distribution main along Jomax Boulevard between the Loop 303 and El Mirage Road. This new watermain will be needed to meet local growth demands not covered by developers.

**Justification:**

As growth occurs, new water distribution mains will be needed to meet local demands.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$0	\$19,500
CB-Chargebac	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,000	\$0	\$32,000
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$0	\$1,800,000
DS-Design	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$2,001,500</b>	<b>\$0</b>	<b>\$2,001,500</b>							

## Lake Pleasant Parkway 16-inch Waterline

**Project Number:** UT00439    **Project Location:** 87th Av & Lake Pleasant Pkwy

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of approx. 5,300 linear feet of new 16-inch ductile iron waterline and appurtenances on Lake Pleasant Parkway, from 87th Avenue to 95th Avenue. This project provides additional interconnections between the City's existing system and the recently acquired New River Utility Company, allowing for further water system redundancy and reliability in the area.

**Justification:**

This project will connect the City of Peoria and the recently acquired New River Utility Company water systems, providing additional redundancy and reliability in the area.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Base	\$247,525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$247,525
CO-Construct	Water Fund	Base	\$2,299,770	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,299,770
<b>Total Budget</b>			<b>\$2,547,295</b>	<b>\$0</b>	<b>\$2,547,295</b>								

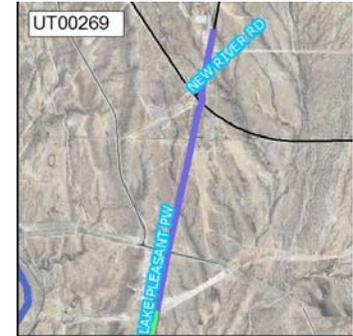
<b>Total Operating Impacts</b>	<b>\$2,980</b>	<b>\$0</b>	<b>\$26,820</b>									
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## Lake Plsnt Pkwy 24-inch Waterline; Loop 303- LPWTP

**Project Number:** UT00269    **Project Location:** Lake Pleasant Pkwy; Loop 303 to LPWTP

**Description:**

This project is part of the infrastructure necessary to gain access to the Lake Pleasant Water Treatment Plant (LPWTP). This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, grade the work area for installation of 24-inch waterline and appurtenances on Lake Pleasant Parkway from Loop 303 to a future take out structure south of LPWTP, and restoration and or replacement of pavement and striping, landscaping, etc. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

As development begins to occur along the Lake Pleasant Parkway corridor in northern Peoria, a reliable water source will be needed. This 24-inch waterline will form the backbone of the water system for the areas of Peoria north of Loop 303, and it could serve as an alternative source of water for the City by connecting to the LPWTP, when such connection is agreed upon and approved.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,519	\$46,831	\$0	\$49,350
CB-Chargebac	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,213	\$62,640	\$0	\$82,853
CO-Construct	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$251,859	\$4,683,109	\$0	\$4,934,968
OT-Other	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260,956	\$0	\$0	\$260,956
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,356	\$0	\$0	\$5,356
CB-Chargebac	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000	\$0	\$0	\$13,000
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$535,637	\$0	\$0	\$535,637
OT-Other	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$554,984	\$0	\$0	\$554,984
<b>Total Budget</b>			<b>\$0</b>	<b>\$1,644,524</b>	<b>\$4,792,580</b>	<b>\$0</b>	<b>\$6,437,104</b>						

## LPH Mystic Water Oversizing

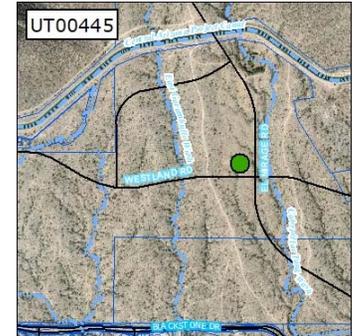
**Project Number:** UT00445    **Project Location:** Lake Pleasant Heights Development

**Description:**

This project provides for additional transmission capacity in the water system serving the Lake Pleasant Heights (LPH) development and adjacent developments in the future. The LPH development will fund the transmission mains necessary to serve the development's requirements. The City is funding the over-sizing of selected transmission mains to provide water distribution capacity for new developments in the surrounding areas.

**Justification:**

The project provides for additional transmission capacity in the water system in and around the Lake Pleasant Heights development area. The lines will be used to convey water from the water treatment infrastructure and connect to local distribution lines.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$699	\$0	\$945	\$0	\$0	\$0	\$0	\$0	\$0	\$1,644
CO-Construct	Water Expansion	Base	\$0	\$69,930	\$0	\$94,538	\$0	\$0	\$0	\$0	\$0	\$0	\$164,468
CO-Construct	Water Expansion	Carryover	\$261,097	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$261,097
<b>Total Budget</b>			<b>\$261,097</b>	<b>\$70,629</b>	<b>\$0</b>	<b>\$95,483</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$427,209</b>

## Miscellaneous Local Waterline Improvements

**Project Number:** UT00203    **Project Location:** Citywide

**Description:**

This project provides funding to upgrade the city's existing water distribution system to ensure its continued operation and to replace water valves and ACP, HDPE, and PVC pipes and unlined ductile iron mains in streets and alleyways that have exceeded their usable life expectancy. These funds may also be used to construct water line extensions in coordination with street improvement projects, address water line rehabilitations identified during inspections, and replace on an annual basis approximately 20 deficient water valves.

**Justification:**

The existing city water distribution system needs continual upgrading to ensure uninterrupted service and compliance with water quality regulations. In addition, these funds provide a means for the Water Services Department to coordinate efforts with other city projects where opportunities are identified for water system improvements.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$22,500
CB-Chargebac	Water Fund	Base	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$45,000
CO-Construct	Water Fund	Base	\$350,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,600,000
CO-Construct	Water Fund	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$450,000</b>	<b>\$257,500</b>	<b>\$2,767,500</b>								

## MOC Reservoir Site Improvements

**Project Number:** UT00434    **Project Location:** Municipal Operations Center

**Description:**

This project will provide for pre-design, design, permitting, utility coordination and construction of site improvements at the MOC Reservoir Site. These improvements will include the replacement of aging pumps and other associated equipment to bring the site to current City standards.

**Justification:**

The replacement of aging and outdated equipment at our facilities helps ensure a reliable and efficient water system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
DS-Design	Water Fund	Base	\$427,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,822
<b>Total Budget</b>			<b>\$427,822</b>	<b>\$0</b>	<b>\$427,822</b>								

## New River Utility Co. Acquisition & Improvements

**Project Number:** UT00390    **Project Location:** Deer Valley Rd./Beardsley Rd. & 83rd Ave. and surrounding area

**Description:**

This project entails preliminary costs associated with the purchase of the New River Utility Company water system such as water resource acquisition costs, system improvement costs, meter replacement costs, and costs associated with the integration of the water system into the City's water production and distribution system. This project excludes the cost of the purchase of the utility.

**Justification:**

Acquisition of the private water utility company will provide for an integrated system in that portion of the City, allow the City to address chronic pressure complaints expressed by citizens, and allow for enhanced planning and modeling of the overall water system. The funding will allow the water system to be improved to a level consistent with that of the City's existing water system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
OT-Other	Water Fund	Base	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
CO-Construct	WIFA Revenue B	Carryover	\$2,601,165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,601,165
<b>Total Budget</b>			<b>\$4,101,165</b>	<b>\$0</b>	<b>\$4,101,165</b>								

## Patterson Reservoir - Existing Well Connection

**Project Number:** UT00328    **Project Location:** 107th Ave - Deer Valley to Williams Rd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and Water Services coordination for the installation of waterline, as needed, to connect three existing well sites to the Patterson Reservoir site. The location of the existing wells are 104th Ave. and Deer Valley Rd., 105th Ave. and Rose Garden Ln., and 102nd Ave. and Patrick Ln. Each of these wells has water quality issues, primarily cloudy water resulting from dissolved air in the water. By sending the water from each well to a reservoir site, the water can be treated at one central location and provide additional water system redundancy in the area. The expected pipeline route will be along 107th Ave. between Deer Valley Rd. and Williams Rd.



**Justification:**

Three City well sites, W209, W210 and W213 currently have water quality issues that include cloudy water resulting from dissolved air in the water. While not a health risk, this is an aesthetic issue for our customers and the air needs to be removed in order for the wells to be returned to service. This project will connect these three wells to the W211 Patterson Reservoir site for the purpose of air removal through dissipation in the reservoir.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$55,881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,881
CB-Chargebac	Water Fund	Base	\$0	\$48,846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,846
CO-Construct	Water Fund	Base	\$0	\$5,588,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,588,140
DS-Design	Water Fund	Base	\$437,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$437,194
<b>Total Budget</b>			<b>\$437,194</b>	<b>\$5,692,867</b>	<b>\$0</b>	<b>\$6,130,061</b>							

## Pyramid Peak Water Treatment Plant - Upgrades

**Project Number:** UT00037    **Project Location:** Pyramid Peak Water Treatment Plant

**Description:**

This project is for capital costs associated with the Pyramid Peak Water Treatment Plant, including anticipated design and construction costs for projects identified as necessary as a result of recent condition assessments and subsequent design efforts. Peoria currently owns 11MGD of capacity at the plant, representing 23 percent of the plant's capacity and is responsible for 23 percent of the cost for plant improvements.

**Justification:**

The Pyramid Peak Water Treatment Plant treats approximately 11 million gallons of drinking water for the City of Peoria per day and is a vital component of the City's drinking water supply. Improvements, upgrades, and capital investment at the facility enhances the reliability of this critical source of water for the City.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Base	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
CO-Construct	Water Fund	Carryover	\$1,831,355	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,831,355
<b>Total Budget</b>			<b>\$4,831,355</b>	<b>\$0</b>	<b>\$4,831,355</b>								

## Pyramid Peak Water Treatment Plant Expansion

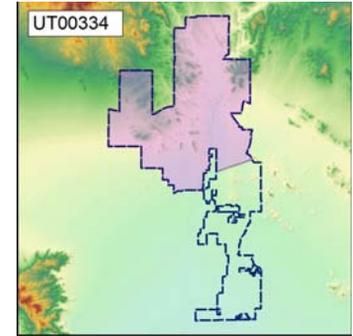
**Project Number:** UT00334    **Project Location:** Pyramid Peak Water Treatment Plant

**Description:**

The project will provide for the design, permitting, construction, construction administration, and project management of an expansion of the City of Glendale Pyramid Peak Water Treatment Plant. The project includes addition of a new treatment train, chemical feed systems, solids disposal facilities, pumping equipment, distribution or transmission piping, SCADA, instrumentation, electrical, mechanical, and other ancillary equipment, structures, and appurtenances.

**Justification:**

Projected growth in the northern part of the city will require additional Central Arizona Project (CAP) treatment capacity. The city has rights to use CAP water but will need additional treatment capacity by FY2020. The city owns capacity in the City of Glendale Pyramid Peak Water Plant, which treats a portion of Peoria's CAP allocation. This project is proposed to purchase additional treatment capacity to provide Peoria capacity ownership of 24 million gallons per day.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Carryover	\$1,558,741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,558,741
OT-Other	Water Fund	Base	\$0	\$1,669,125	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,669,125
OT-Other	Water Fund	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
CO-Construct	WIFA Revenue B	Carryover	\$1,678,891	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,678,891
OT-Other	WIFA Revenue B	Base	\$24,837,297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,837,297
OT-Other	WIFA Revenue B	Carryover	\$24,201,436	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,201,436
<b>Total Budget</b>			<b>\$52,576,365</b>	<b>\$1,669,125</b>	<b>\$0</b>	<b>\$54,245,490</b>							

## Quintero WTP Equipment Upgrade and Replacement

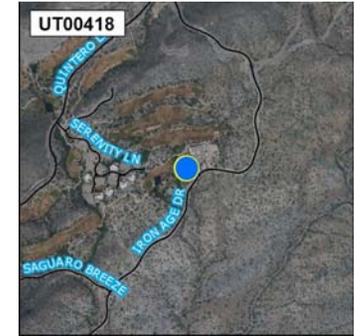
**Project Number:** UT00418    **Project Location:** Quintero Water Treatment Plant

**Description:**

The Quintero Water Treatment was constructed in 2005, and like any critical facility, requires equipment and component replacement and overhaul on a periodic basis to ensure continuous and reliable operation. Projects include rebuilding pumps, upgrading disinfection facilities, treatment components, and site aesthetics.

**Justification:**

The Quintero Water Treatment Plant provides potable water service to the Quintero service area. Repairing and replacing equipment is an important part of keeping this facility in operating condition and in compliance with all applicable permits and regulatory requirements.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Water Fund	Base	\$20,000	\$150,000	\$100,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$620,000
OT-Other	Water Fund	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Total Budget</b>			<b>\$70,000</b>	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$670,000</b>						

## Reclaimed Water Master Plan Implementation

**Project Number:** UT00505    **Project Location:** Citywide

**Description:**

This project provides for coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, administration, utility coordination, and all related sitework for the expansion of the reclaimed water system. A study will determine the actual projects to achieve the highest and best use of reclaimed water resources. Projects may include extension of the purple pipe system to serve additional customers, expansion of recharge capabilities within the city, connection of systems to increase operation efficiency, and improvements to ensure beneficial use of all reclaimed water produced.

**Justification:**

One of the City’s goals is to utilize treated wastewater from the three water reclamation facilities for groundwater recharge and landscape irrigation. This project will enhance the City’s ability to reliably gain beneficial use of all reclaimed water produced.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$0	\$19,802	\$56,436	\$0	\$0	\$0	\$0	\$0	\$0	\$76,238
CO-Construct	Water Fund	Base	\$0	\$0	\$1,980,198	\$5,643,564	\$0	\$0	\$0	\$0	\$0	\$0	\$7,623,762
SY-Study	Water Fund	Base	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
<b>Total Budget</b>			<b>\$300,000</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$5,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000,000</b>

## SCADA Equipment Replacement

**Project Number:** UT00266    **Project Location:** Citywide

**Description:**

This project will replace, upgrade and add supervisory control and data acquisition (SCADA) equipment and associated communication network equipment at water, wastewater, and reclaimed water facilities operated by the City. Included in the project will be the items necessary for full functionality, such as programmable logic controllers (PLCs), monitoring devices, flow meters, radios, sensors, transducers, and related support equipment and housings. All remaining treatment plant and remote site PLC's will be updated in FY20-FY22. Radio communications will be updated in FY23 and FY24. The project will also provide for project coordination, pre-design studies, design, programming, construction, materials testing, construction administration, utility coordination, utility relocation, processing of utility company (APS, Cox, CenturyLink, SRP, SWG, EPNG, etc.) design and construction agreements, as well as development and intergovernmental agreements, as needed.



**Justification:**

As equipment ages and becomes obsolete, new equipment is needed to more effectively and efficiently operate our water and wastewater systems and provide more flexibility for our operations staff.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Fund	Carryover	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
EQ-Equipment	Wastewater Fund	Base	\$225,000	\$225,000	\$225,000	\$275,000	\$275,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,600,000
EQ-Equipment	Water Fund	Base	\$225,000	\$225,000	\$225,000	\$275,000	\$275,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,600,000
<b>Total Budget</b>			<b>\$455,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$3,205,000</b>

## Sports Complex/WI 15 Well Connection

**Project Number:** UT00327    **Project Location:** Peoria Sports Complex

**Description:**

This project will design and construct a new 12-inch waterline primarily along 83rd Avenue between the Peoria Sports Complex Reservoir Site and the WI 15 Well located just west of 83rd Avenue at Bell Road. The WI 15 Well is currently offline for water quality concerns. The new pipeline will be used to convey water from this well to a site where it can be treated or blended with other potable water sources to increase the City's water supply in the area. In addition, this project includes the evaluation, design and possible installation of wellhead treatment equipment at the Sports Complex site. A FY23 study will help further identify whether or not the project will need to include wellhead treatment.



**Justification:**

The WI 15 Well Site has water quality issues that could potentially be addressed by blending with higher quality sources to meet all regulatory requirements. By treating or blending the water from this well with other sources, the well could be put back to use for potable water purposes. Bringing this well back online provides a good source of added water system redundancy in the area.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$0	\$0	\$6,474	\$0	\$0	\$0	\$0	\$0	\$0	\$6,474
CO-Construct	Water Expansion	Base	\$0	\$0	\$0	\$647,418	\$0	\$0	\$0	\$0	\$0	\$0	\$647,418
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$22,001	\$0	\$0	\$0	\$0	\$0	\$0	\$22,001
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$2,200,096	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,096
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,875,989</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,875,989</b>

## Sweetwater Well Site Rehabilitation

**Project Number:** UT00442    **Project Location:** 12740 N. 91st Avenue

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, and all related sitework for rehabilitation of the existing Sweetwater Well Site. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc) design and construction agreements, development and intergovernmental agreements.

**Justification:**

The Sweetwater Well has not been in service for years due to water quality concerns. This project will perform a study to evaluate options that will bring the well to acceptable water quality standards. In addition, rehabilitation of the existing well could lead to increased water supply that will provide additional redundancy for the local water system. The project will also bring the site to current City standards.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$0	\$0	\$3,784	\$22,175	\$0	\$0	\$0	\$0	\$0	\$25,959
CB-Chargebac	Water Expansion	Base	\$0	\$0	\$0	\$3,716	\$3,716	\$0	\$0	\$0	\$0	\$0	\$7,432
CO-Construct	Water Expansion	Base	\$0	\$0	\$0	\$378,450	\$2,217,484	\$0	\$0	\$0	\$0	\$0	\$2,595,934
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$385,950</b>	<b>\$2,243,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,629,325</b>

## Technology and Security Master Plan

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**Project Number:** UT00304    **Project Location:** Citywide

**Description:**

This project merges three previous master plans into a consolidated plan, linking planning efforts for Utilities technology, Supervisory Control and Data Acquisition (SCADA) and security into a single master plan. The plan was last updated in 2008.

**Justification:**

The integration of technology and security into utility operating systems is a best management practice in the water and wastewater industry and allows the city to improve the performance and security of its systems. To maximize the use of technology, it is critical to have a system-wide master plan to ensure a long-term, system-wide approach is developed.



Category	Funding		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
	Source	Carryover / Base											
OT-Other	Wastewater Fund	Carryover	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
OT-Other	Water Expansion	Carryover	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,000
<b>Total Budget</b>			<b>\$300,000</b>	<b>\$0</b>	<b>\$300,000</b>								

## Terramar Booster Pump Station Rehabilitation

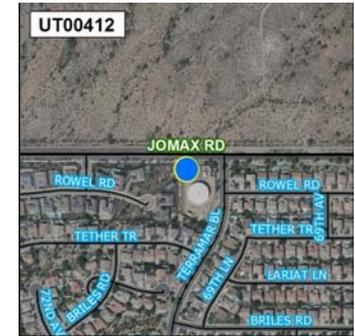
**Project Number:** UT00412    **Project Location:** Jomax Rd and Terramar Blvd

**Description:**

This project includes the complete site rehabilitation of the Terramar Reservoir/Booster Station site including the evaluation and possible replacement of existing electrical equipment, booster pumps, disinfection equipment, and yard piping. Additional items include reservoir rehabilitation, site grading, and installation of security equipment to bring the site to current City standards.

**Justification:**

Construction of this project will increase reliability and resiliency by replacing worn out equipment and upgrading to current City standards.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Fund	Base	\$2,850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,850,000
CO-Construct	Water Fund	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$3,050,000</b>	<b>\$0</b>	<b>\$3,050,000</b>								

## Utility Billing System

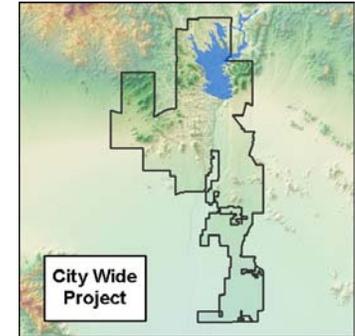
**Project Number:** UT00160    **Project Location:** Citywide

**Description:**

This project will replace the existing utility billing system with a new customer information system (CIS) for utility billing and revenue collection. This system will interface with other city information systems, such as meter reading, fixed asset accounting, financial accounting and e-government software. The current utility billing system needs to be replaced to handle new accounts as the number of customers increases.

**Justification:**

The current utility billing system is several years old. The current system's performance will likely begin to degrade as the number of utility accounts increases, and the vendor may soon stop providing support for this version of its product. A new system will enhance functionality for utility customers and provide a stable, supported platform for this critical system that will accommodate the city's system requirements for several more years.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Commercial Solid	Base	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000
EQ-Equipment	Residential Solid	Base	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
EQ-Equipment	Stormwater Fund	Base	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
EQ-Equipment	Wastewater Expa	Base	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
EQ-Equipment	Wastewater Fund	Base	\$0	\$0	\$0	\$660,000	\$0	\$0	\$0	\$0	\$0	\$0	\$660,000
EQ-Equipment	Water Expansion	Base	\$0	\$0	\$0	\$270,000	\$0	\$0	\$0	\$0	\$0	\$0	\$270,000
EQ-Equipment	Water Fund	Base	\$0	\$0	\$0	\$965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$965,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,810,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,810,000</b>

## WI08 Bailey Well Site Improvements

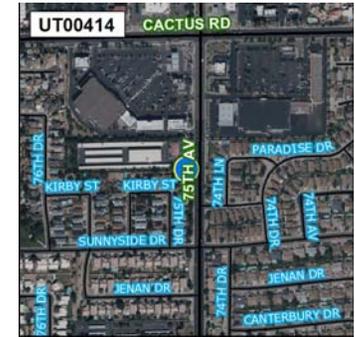
**Project Number:** UT00414    **Project Location:** Cactus Rd and 75th Av

**Description:**

This project, located near the southwest corner of 75th Avenue and Cactus Road, will fund well site improvements including a new wall and access gates, site grading, site lighting and new dry well to bring the site up to current city standards.

**Justification:**

Construction of the project will enhance security at the site as well as provide easier access to the well pump and appurtenances and improve the grading, drainage and site lighting.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$4,630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,630
CB-Chargebac	Water Fund	Base	\$0	\$23,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,512
CO-Construct	Water Fund	Base	\$0	\$427,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,924
DS-Design	Water Fund	Base	\$0	\$35,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,112
OT-Other	Water Fund	Base	\$0	\$9,261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,261
<b>Total Budget</b>			<b>\$0</b>	<b>\$500,439</b>	<b>\$0</b>	<b>\$500,439</b>							

## Water & Wastewater Rate Study

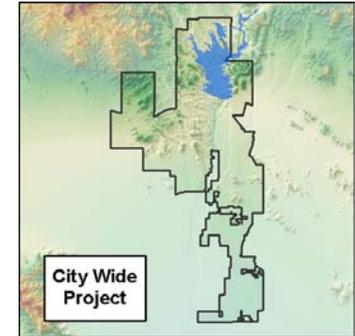
**Project Number:** UT00298    **Project Location:** Citywide

**Description:**

This study will update the city’s water and wastewater rates. Rates will be reviewed to ensure that they cover the costs of system operations and maintenance, fund the systems’ capital program requirements, and support the financial strength of the enterprise funds. Studies are anticipated to be performed with the help of outside consultants and coordinated with staff from the Finance and Water Services departments. During the interim years between full studies, staff anticipates a lower level of annual support to update information and findings.

**Justification:**

Water and wastewater rates and structures are reviewed annually to ensure that they provide necessary funding to operate, maintain, and upgrade the city’s utility systems in a financially sound and sustainable manner.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	Commercial Solid	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
SY-Study	Residential Solid	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
SY-Study	Wastewater Fund	Base	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$200,000
SY-Study	Water Fund	Base	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$200,000
<b>Total Budget</b>			<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$475,000</b>

## Water Facility Reconditioning

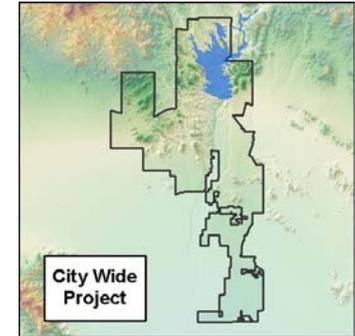
**Project Number:** UT00206    **Project Location:** Citywide

**Description:**

This project will upgrade and recondition over 40 existing water distribution and production facilities. Water Services staff prioritizes projects to be included in this program based on operational needs and facility conditions in the city's aging water conveyance system. The Department plans to rehabilitate the following reservoir in FY20: Vistancia 4/5West Tank.

**Justification:**

This project will upgrade existing distribution and production sites to address reliability and efficiency issues as these facilities age. This project will also upgrade sites with new technologies as appropriate. These upgrades allow the system to continue to operate with reliability, efficiency, and redundancy as well as ensuring water quality.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$72,000
CB-Chargebac	Water Fund	Base	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$45,000
CO-Construct	Water Fund	Base	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$8,000,000
CO-Construct	Water Fund	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
<b>Total Budget</b>			<b>\$1,300,000</b>	<b>\$813,000</b>	<b>\$8,617,000</b>								

## Water Line Assessment and Replacement

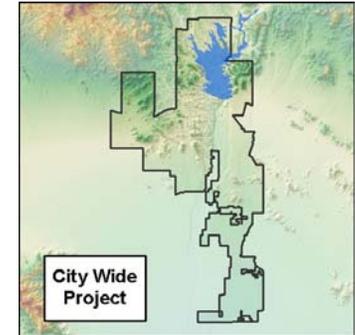
**Project Number:** UT00335    **Project Location:** Citywide

**Description:**

This project will entail the identification, design, and replacement of small diameter water mains throughout the city to minimize main breaks, service outages, and property damage. Areas within one half of a mile in all directions of the 75th Avenue and Cactus Road intersection will be assessed and replaced.

**Justification:**

Portions of the city's distribution system exceed 25 years in age and are constructed of materials that would not meet current design criteria. Issues are compounded by improper pipe bedding and system pressures resulting in main breaks and service outages. Funding will provide for a systematic review and replacement of small diameter pipelines that service neighborhoods and have a history of breaks or leaks.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$21,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,980
CO-Construct	Water Fund	Base	\$0	\$2,198,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,198,020
CO-Construct	Water Fund	Carryover	\$705,749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$705,749
SY-Study	Water Fund	Base	\$151,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,500
<b>Total Budget</b>			<b>\$857,249</b>	<b>\$2,220,000</b>	<b>\$0</b>	<b>\$3,077,249</b>							

## Water Meter Replacement Program

**Project Number:** UT00326    **Project Location:** Citywide

**Description:**

The city’s inventory of over 55,000 water meters includes approximately 6,000 meters that were not replaced during the first phase of this project. To ensure that the city’s water billing data meets accuracy standards going forward, the most cost-effective approach is to replace meters at the end of their lifecycle on a consistent basis. Staff will, however, continue to explore alternatives that might reduce the number of meters to be replaced. Replacement labor will be provided by contracted staff.

**Justification:**

Water rate revenues are dependent on accurate volume metering from the city’s meter inventory. Not updating our technology in a timely manner would lead to an increasing level of effort and cost to repair failing equipment, less accurate billing information, and the potential that the timeliness of the current billing process could be jeopardized. The city’s current meter reading process requires a minimal level of staff effort to complete with the existing reading technology. Keeping this technology current will enable continued timely processing of water meter information and is more cost-effective than investing in additional staff to perform manual reading.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$1,573,425	\$1,621,710	\$1,668,330	\$0	\$4,863,465
EQ-Equipment	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$3,151,575	\$3,248,290	\$3,341,670	\$0	\$9,741,535
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,725,000</b>	<b>\$4,870,000</b>	<b>\$5,010,000</b>	<b>\$0</b>	<b>\$14,605,000</b>

## Water System Additional R & M Expense

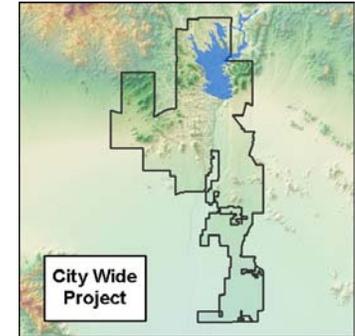
**Project Number:** UT00438    **Project Location:** Citywide

**Description:**

This project will provide for major repair, maintenance, assessment and rehabilitation of our water infrastructure.

**Justification:**

Aging infrastructure requires additional major repair, maintenance, assessment and rehabilitation to extend the life of water utility assets and to ensure uninterrupted service to our customers. Planning and funding major repair, maintenance, assessment and rehabilitation projects as opposed to addressing concerns reactively allows for coordinated scheduling, and reduces both service interruption duration and overall project costs. This project will also provide assessment and maintenance of 104 air relief valves a year, located throughout the system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Water Fund	Base	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$8,837,500
<b>Total Budget</b>			<b>\$883,750</b>	<b>\$8,837,500</b>									

## Water/Wastewater Hydraulic Model Update

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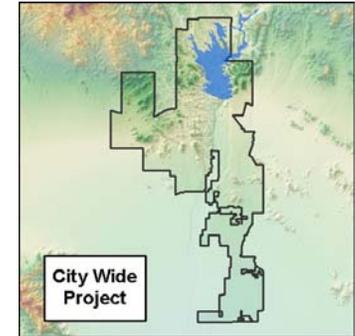
**Project Number:** UT00428    **Project Location:** Citywide

**Description:**

This project provides a study to evaluate the City's existing computer models used to assist in operation and planning of the City's water and wastewater systems. The study will evaluate the accuracy of the existing model through a process known as hydraulic model calibration, add new infrastructure to the model, and perform scenario modeling used to plan for future development per the City's 2015 Integrated Water Utility Master Plan. The City's intent is to update this model every five years to ensure the model remains accurate for use.

**Justification:**

This project provides for the update and/or replacement of the City's existing water and wastewater hydraulic models. The hydraulic models assist City Staff in planning the existing and future needs of the City's water and wastewater infrastructure.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Wastewater Fund	Carryover	\$179,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,000
SY-Study	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SY-Study	Water Fund	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$179,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$379,000</b>

## Water/Wastewater/Expansion Fee Update

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**Project Number:** UT00070    **Project Location:** Citywide

**Description:**

This study will update water and wastewater expansion fees. These fees are required to be updated every two years to ensure that they accurately recover the cost of constructing infrastructure required by new development. The project will be coordinated with the Finance Department.

**Justification:**

Expansion fees are updated every two years to ensure the fees cover the cost of infrastructure required by new development.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
SY-Study	Wastewater Expa	Base	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$100,000
SY-Study	Water Expansion	Base	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$100,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

## Weedville Well Site Rehabilitation

**Project Number:** UT00441    **Project Location:** 14017 N. 73rd Avenue

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, and all related sitework for rehabilitation of the existing Weedville Well and Reservoir sites. The project will be a joint project with SRP to drill and equip a new well. In addition, the City will rehabilitate the existing reservoir and booster pump station site to bring it up to current City standards. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc) design and construction agreements, development and intergovernmental agreements.



**Justification:**

A joint agreement with SRP to redrill and equip a new groundwater well will allow for improved water quality as well as additional water system supply and redundancy for the area during annual dry-up periods.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$17,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,000
CB-Chargebac	Water Expansion	Base	\$0	\$36,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,000
CO-Construct	Water Expansion	Base	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
CO-Construct	Water Expansion	Carryover	\$850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000
DS-Design	Water Expansion	Base	\$180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180,000
<b>Total Budget</b>			<b>\$1,030,000</b>	<b>\$1,753,000</b>	<b>\$0</b>	<b>\$2,783,000</b>							

## Wellhead Water Quality Mitigation

**Project Number:** UT00272    **Project Location:** Citywide

**Description:**

This project will provide for arsenic treatment at various well sites in Utility project UT00312, UT00327, UT00328, and UT00394 on an as needed basis. The treatment technology will allow the reduction of arsenic levels to allowable regulatory limits. Well blending may be utilized in addition to arsenic treatment to achieve regulatory compliance. Water quality testing and blending capabilities will be considered in determining if arsenic treatment is required.

**Justification:**

The project will increase water supply quantity by increasing utilization of existing ground water resources and improving water quality to meet current standards.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Carryover	\$1,152,781	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,152,781
CO-Construct	Water Fund	Carryover	\$2,306,342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,306,342
<b>Total Budget</b>			<b>\$3,459,123</b>	<b>\$0</b>	<b>\$3,459,123</b>								

## Wells - New Construction

**Project Number:** UT00117    **Project Location:** Citywide

**Description:**

The City currently uses surface water as its primary water supply. However, it is still necessary to drill and equip new wells to produce groundwater for meeting system redundancy requirements and future water demands. Currently the City's water system is made up of approximately 33% groundwater, but droughts and the uncertainty of future surface water supply makes the production of groundwater an important task. This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, and utility coordination for the installation and equipping of new groundwater wells. Groundwater wells are typically built in three phases: test well to determine feasibility of the location, drilling of the well, and equipping of the well to pump water into the system. With land acquisition included, this is typically a three-year process.



**Justification:**

Surface water supplies may be interrupted during periods of extreme drought or if there is a failure in the canal delivery system. In addition, the Central Arizona Project and the Salt River Project canal systems are shut down periodically for maintenance and repairs, requiring back-up sources of water. Groundwater wells provide the redundancy necessary to ensure a reliable water system for city residents.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$2,200	\$19,000	\$0	\$0	\$11,000	\$2,200	\$0	\$0	\$0	\$34,400
CB-Chargebac	Water Expansion	Base	\$0	\$8,640	\$44,720	\$0	\$3,250	\$3,250	\$8,640	\$44,720	\$0	\$0	\$113,220
CO-Construct	Water Expansion	Base	\$180,000	\$0	\$1,900,000	\$0	\$0	\$1,100,000	\$0	\$0	\$0	\$0	\$3,180,000
CO-Construct	Water Expansion	Carryover	\$1,050,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,001
DS-Design	Water Expansion	Base	\$0	\$220,000	\$0	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$440,000
EQ-Equipment	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$0	\$0	\$2,200,000
LA-Land	Water Expansion	Base	\$20,000	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$100,000
LA-Land	Water Expansion	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
SY-Study	Water Expansion	Base	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Total Budget</b>			<b>\$1,300,001</b>	<b>\$230,840</b>	<b>\$1,963,720</b>	<b>\$0</b>	<b>\$203,250</b>	<b>\$1,194,250</b>	<b>\$230,840</b>	<b>\$2,244,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,367,621</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,100</b>	<b>\$33,100</b>	<b>\$33,100</b>	<b>\$33,100</b>	<b>\$33,100</b>	<b>\$66,200</b>	<b>\$66,200</b>	<b>\$297,900</b>
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## West Agua Fria Water Lines

**Project Number:** UT00170    **Project Location:** Vistancia Development

**Description:**

This project provides for additional transmission capacity in the water system throughout the Vistancia community. The Vistancia Utilities Master Plan identifies the water transmission mains that are needed to supply the Vistancia area. The City is funding the oversizing of selected transmission mains to provide water distribution capacity for new development in surrounding areas. This additional capacity will ultimately be paid by future developers through the collection of impact fees.

**Justification:**

Oversizing of these waterlines allows the City to ensure sufficient capacity for future developments.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Expansion	Base	\$0	\$5,842	\$2,355	\$12,720	\$0	\$0	\$0	\$0	\$0	\$0	\$20,917
CO-Construct	Water Expansion	Carryover	\$975,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$975,987
CO-Construct	Water Fund	Base	\$310,800	\$584,250	\$235,500	\$1,272,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,402,550
<b>Total Budget</b>			<b>\$1,286,787</b>	<b>\$590,092</b>	<b>\$237,855</b>	<b>\$1,284,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,399,454</b>

## Westland Rd. Reservoir and Booster Station

**Project Number:** UT00336    **Project Location:** Westland Rd & CAP Canal

**Description:**

The Westland Rd. Reservoir/Booster facility will serve as a regional storage and booster facility for a large geographical area encompassing the Lake Pleasant Heights, Saddleback Heights, Trilogy West, Vistancia, and Arizona State Land parcel developments. The facility is located on Westland Rd. in proximity to the CAP canal. This project includes funding that ensures that onsite piping and ancillary facilities are sized properly to provide the City oversizing capacity in future expansion phases of the facility. The City is currently a partner in this project with the area developers in a joint development agreement. The proposed FY20 funding is included to account for unexpected cost increases on the project.



**Justification:**

The City is a partner in a joint development agreement to construct this facility.

Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Water Expansion	Carryover	\$1,487,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,487,656
CO-Construct	Water Fund	Carryover	\$828,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$828,010
<b>Total Budget</b>			<b>\$2,315,666</b>	<b>\$0</b>	<b>\$2,315,666</b>								

## Westland Reservoir/Booster Station - Phase II

**Project Number:** UT00502    **Project Location:** Westland Reservoir

**Description:**

This project will provide for pre-design, design, permitting, utility coordination and construction of a new 3.5 million gallon reservoir and additional booster pump capacity at the existing Westland Reservoir site. These additions will help to meet further growth demands north of the CAP canal and west of the Agua Fria River.

**Justification:**

The Westland Reservoir and Booster Station - Phase I project is being completed as part of a joint development agreement with local developers. At this time, only booster capacity and storage determined to be needed in the next five years is being constructed. Phase II will focus on adding additional pump capacity and storage to meet new development in the Saddleback Heights area as demand requires.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$30,500	\$30,000	\$0	\$0	\$0	\$60,500
CB-Chargebac	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$20,500	\$65,000	\$0	\$0	\$0	\$85,500
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$2,450,000	\$3,000,000	\$0	\$0	\$0	\$5,450,000
DS-Design	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,101,000</b>	<b>\$3,095,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,196,000</b>

## White Mountain Apache Tribe Water Rights Purchase

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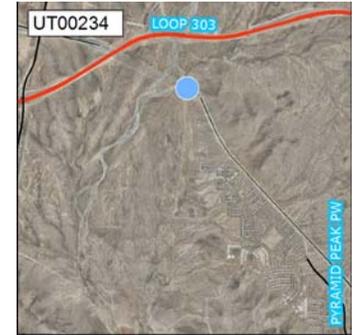
**Project Number:** UT00234    **Project Location:** CAP Canal

**Description:**

This project addresses a potential future shortage of renewable water resources as identified in the Integrated Water Utilities Master Plan. This project will purchase an additional 1,289 acre-feet of White Mountain Apache Tribe water.

**Justification:**

This project addresses water resource needs as identified in the Integrated Water Utilities Master Plan. This project will ultimately provide for the purchase of an additional 1,289 acre-feet of White Mountain Apache Tribe water. Purchase of this supply depends on completion of negotiations between the federal government and the White Mountain Apache Tribe and approval by Congress.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Water Resource	Base	\$0	\$1,726,020	\$509,176	\$483,286	\$457,395	\$431,505	\$0	\$0	\$0	\$0	\$3,607,382
<b>Total Budget</b>			<b>\$0</b>	<b>\$1,726,020</b>	<b>\$509,176</b>	<b>\$483,286</b>	<b>\$457,395</b>	<b>\$431,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,607,382</b>

## Zone 1/2 PRV Upgrades (91st and Cactus)

**Project Number:** UT00261    **Project Location:** 91st Av and Cactus Rd

**Description:**

Project includes the abandonment and demolition of two existing pressure reducing valve (PRV) stations located on the southwest and southeast corners at 91st Avenue and Cactus Road. A new PRV station, located in a concrete vault, will be installed on the northeast corner of the intersection. The new PRV will serve the function of both existing PRV's.

**Justification:**

The City's Water Services Department requires the abandonment and demolition of two small pressure reducing valve (PRV) stations at the 91st and Cactus intersection that are not to current City standards. A PRV is needed at the intersection to allow drinking water to flow between two City pressure zones (1 and 2). By removing the older, substandard PRV's the City can construct one new PRV station that is much more efficient and safe for City maintenance staff.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Water Fund	Base	\$0	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000
CB-Chargebac	Water Fund	Base	\$0	\$36,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,000
CO-Construct	Water Fund	Base	\$0	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
CO-Construct	Water Fund	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$1,349,000</b>	<b>\$0</b>	<b>\$1,499,000</b>							

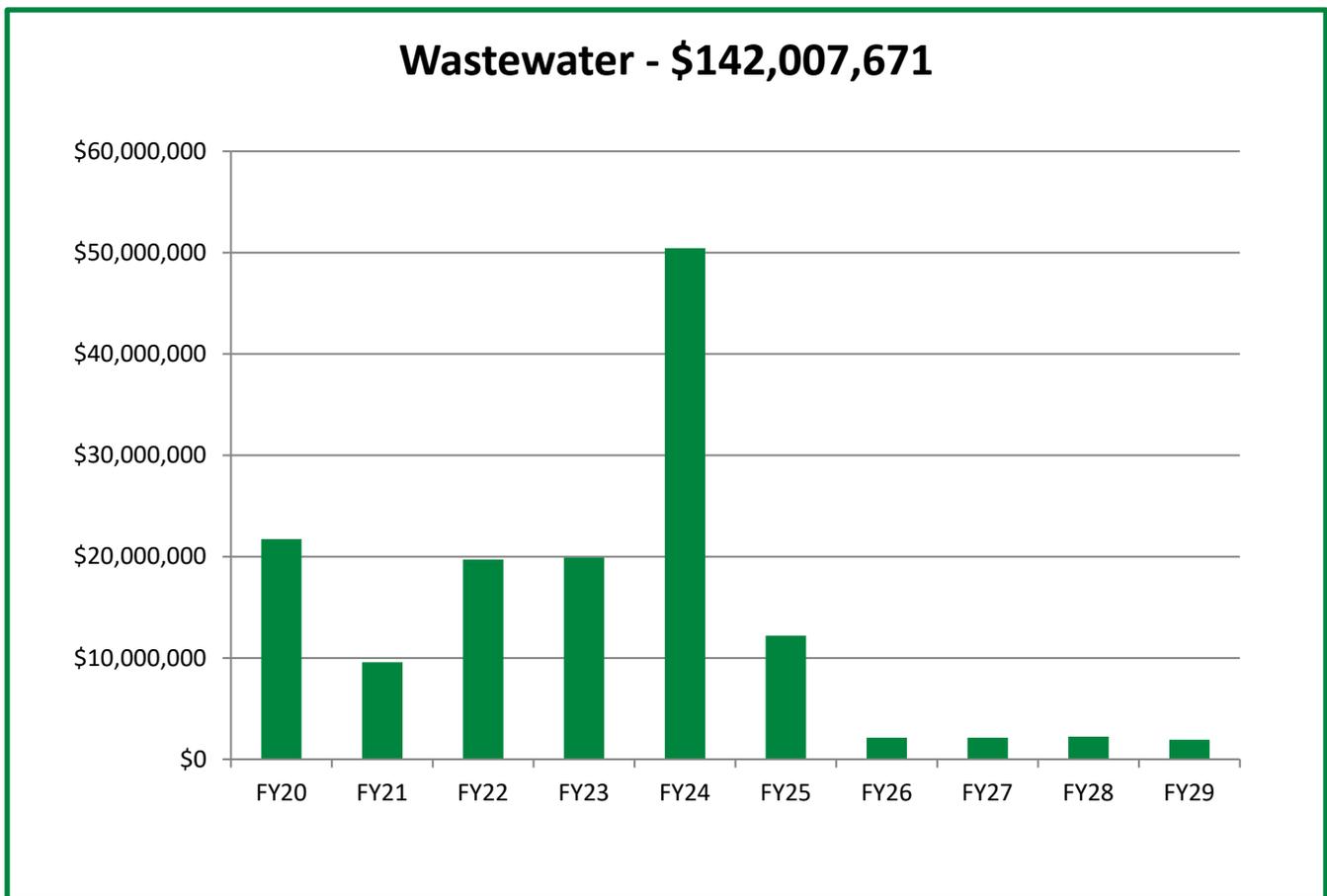
<b>Total Operating Impacts</b>	<b>\$4,200</b>	<b>\$0</b>	<b>\$37,800</b>									
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# Wastewater

The measure of success when collecting and treating wastewater is when no one so much as wonders how it is done. It takes a complex network of infrastructure to make this operation seamless. In addition to building and operating large water treatment and reclamation facilities, the City of Peoria ensures that infrastructure is in place from an individual residence or commercial establishment, along roadway alignments, to the treatment facility. Facilities within Peoria also can reuse a portion of flows,

providing a new, non-potable water resource opportunity.

Wastewater infrastructure is funded primarily through operating revenues from rate payers, as well as revenue bonds and development impact fees. The 10-year program includes funding for the oversizing of selected wastewater trunk sewers to provide collection system capacity for new development in northern areas of the City and additional treatment capacity be added to meet the needs of continuing development in the north and northwest portions of the City.



## Wastewater

### Summary by Project

Project Name	Pg#	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
101st Ave and Northern Lift Station Pretreatment	252	\$524,546	\$0	\$0	\$0	\$0	\$0	\$524,546
Agua Fria Lift Station-Wastewater Campus Land	253	\$0	\$0	\$0	\$4,200,000	\$0	\$0	\$4,200,000
Beardsley WRF Equipment Upgrade and Replacement	254	\$241,000	\$0	\$0	\$0	\$50,500	\$602,000	\$893,500
Beardsley WRF Expansion	255	\$514,943	\$3,429,035	\$12,260,592	\$9,543,238	\$0	\$0	\$25,747,808
Beardsley WRF Solids Pipeline Rehabilitation	256	\$2,827,837	\$0	\$0	\$0	\$0	\$0	\$2,827,837
Butler IPS Equipment Upgrade and Replacement	257	\$150,000	\$101,000	\$101,000	\$120,000	\$150,000	\$505,000	\$1,127,000
Butler WRF Aeration System Upgrades	258	\$2,225,223	\$0	\$0	\$0	\$0	\$0	\$2,225,223
Butler WRF Equipment Upgrade and Replacement	259	\$180,000	\$180,000	\$100,000	\$105,000	\$150,000	\$700,000	\$1,415,000
Butler WRF Headworks Rehabilitation	260	\$587,500	\$0	\$0	\$0	\$0	\$0	\$587,500
Butler WRF Recharge Wells	261	\$1,180,970	\$599,541	\$1,695,104	\$2,349,765	\$0	\$0	\$5,825,380
El Mirage Road Sewer Infrastructure Upsizing	262	\$500,000	\$0	\$0	\$606,000	\$0	\$0	\$1,106,000
Jomax WRF Equipment Upgrade and Replacement	263	\$162,357	\$101,000	\$125,745	\$150,995	\$50,500	\$226,745	\$817,342
Jomax WRF Expansion	264	\$3,397,825	\$0	\$0	\$0	\$46,147,500	\$10,100,000	\$59,645,325
Jomax WRF Operations Building	265	\$693,069	\$2,973,880	\$3,526,130	\$0	\$0	\$0	\$7,193,079
Lift Station Reconditioning	266	\$915,000	\$398,950	\$393,900	\$383,800	\$383,800	\$1,919,000	\$4,394,450
LPH Mystic Wastewater Oversizing	267	\$0	\$0	\$0	\$67,359	\$0	\$117,558	\$184,917
Manhole Rehabilitation	268	\$753,287	\$378,725	\$378,725	\$378,725	\$378,725	\$1,893,625	\$4,161,812
Miscellaneous Local Wastewater Line Improvements	269	\$600,000	\$204,000	\$204,000	\$204,000	\$229,250	\$1,020,000	\$2,461,250
SROG Line Assessment & Repair	270	\$0	\$170,795	\$223,347	\$501,437	\$0	\$0	\$895,579
Trunk Sewer Line Inspection	271	\$926,101	\$0	\$0	\$600,000	\$0	\$0	\$1,526,101
Trunk Sewer Rehabilitation	272	\$3,226,244	\$0	\$0	\$0	\$2,200,000	\$0	\$5,426,244
Wastewater System Additional R & M Expense	273	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$3,535,000	\$7,070,000
West Agua Fria Wastewater Lines	274	\$1,423,528	\$328,250	\$0	\$0	\$0	\$0	\$1,751,778
<b>Total - Wastewater</b>		<b>\$21,736,430</b>	<b>\$9,572,176</b>	<b>\$19,715,543</b>	<b>\$19,917,319</b>	<b>\$50,447,275</b>	<b>\$20,618,928</b>	<b>\$142,007,671</b>

# Wastewater

## Summary by Funding Source

<b>Fund Number and Name</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
2050 - Water Fund	\$1,054,661	\$1,356,352	\$1,682,316	\$63,999	\$9,875,500	\$10,783,186	\$24,816,014
2162 - Water Expansion	\$47,825	\$452,409	\$834,089	\$1,898,800	\$0	\$0	\$3,233,123
2163 - Water Expansion	\$300,000	\$78,628	\$458,669	\$0	\$0	\$0	\$837,297
2164 - Water Expansion	\$1,590,970	\$1,919,000	\$1,631,150	\$4,110,000	\$0	\$0	\$9,251,120
2273 - Future WIFA Revenue Bonds	\$0	\$0	\$0	\$0	\$36,360,000	\$0	\$36,360,000
2400 - Wastewater Fund	\$16,794,124	\$4,889,283	\$14,706,973	\$10,974,355	\$4,211,775	\$9,835,742	\$61,412,252
2506 - Wastewater Expansion	\$0	\$68,504	\$402,346	\$2,870,165	\$0	\$0	\$3,341,015
2507 - Wastewater Expansion	\$1,178,850	\$0	\$0	\$0	\$0	\$0	\$1,178,850
2509 - Wastewater Expansion	\$770,000	\$808,000	\$0	\$0	\$0	\$0	\$1,578,000
<b>Total - Wastewater</b>	<b>\$21,736,430</b>	<b>\$9,572,176</b>	<b>\$19,715,543</b>	<b>\$19,917,319</b>	<b>\$50,447,275</b>	<b>\$20,618,928</b>	<b>\$142,007,671</b>

## 101st Ave and Northern Lift Station Pretreatment

**Project Number:** UT00398    **Project Location:** 101st Av & Northern Av

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, and all related sitework for realigning the existing 18" influent sewer lines, the installation of an in-line channel grinder and replacing the electrical and instrumentation equipment. This project may also include processing of utility company (APS, Cox, CenturyLink, SRP, etc.) design and construction agreements, development and intergovernmental agreements.

**Justification:**

The 101st Avenue and Northern Lift Station has significant debris issues as well as aging electrical equipment that has been damaged by hydrogen sulfide gases. All have led to extensive maintenance problems for city staff. Adding a channel grinder and replacing the electrical and instrumentation equipment at this location will reduce the maintenance issues created by the heavy ragging and hydrogen sulfide gases and thus reduce staff time and maintenance costs.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Fund	Carryover	\$524,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$524,546
<b>Total Budget</b>			<b>\$524,546</b>	<b>\$0</b>	<b>\$524,546</b>								

## Agua Fria Lift Station-Wastewater Campus Land

**Project Number:** UT00284    **Project Location:** CAP Canal and Agua Fria River

**Description:**

This project will purchase a site for a future wastewater treatment facility campus. This project site is identified in the Integrated Water Utilities Master Plan and will be used for a regional wastewater lift station that will provide service for the portion of the city located north of the Central Arizona Project (CAP) canal and east of the Agua Fria River.

**Justification:**

A centrally located campus will increase operational efficiency. Purchasing the site for this campus ahead of the need will take advantage of lower land costs.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
LA-Land	Wastewater Expa	Base	\$0	\$0	\$0	\$2,419,200	\$0	\$0	\$0	\$0	\$0	\$0	\$2,419,200
LA-Land	Wastewater Fund	Base	\$0	\$0	\$0	\$700,800	\$0	\$0	\$0	\$0	\$0	\$0	\$700,800
LA-Land	Water Expansion	Base	\$0	\$0	\$0	\$1,080,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,080,000
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>

## Beardsley WRF Equipment Upgrade and Replacement

**Project Number:** UT00317    **Project Location:** Beardsley Water Reclamation Facility

**Description:**

This project will replace and update existing plant equipment and provide for the ultimate expansion of the facility. The replacement of this equipment will maintain plant reliability and increase efficiencies. The main elements are upgrades to the disinfection system, odor control, HVAC, EMS, overhauling of headworks equipment, safety updates, and instrumentation equipment replacement.

**Justification:**

As the facility ages, existing equipment requires replacement and upgrade to maintain reliability of the existing treatment facility.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Wastewater Fund	Base	\$60,250	\$0	\$0	\$0	\$12,625	\$37,625	\$37,625	\$37,625	\$37,625	\$0	\$223,375
EQ-Equipment	Water Fund	Base	\$180,750	\$0	\$0	\$0	\$37,875	\$112,875	\$112,875	\$112,875	\$112,875	\$0	\$670,125
<b>Total Budget</b>			<b>\$241,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,500</b>	<b>\$150,500</b>	<b>\$150,500</b>	<b>\$150,500</b>	<b>\$150,500</b>	<b>\$0</b>	<b>\$893,500</b>

## Beardsley WRF Expansion

**Project Number:** UT00314    **Project Location:** Beardsley Water Reclamation Facility

**Description:**

This project will include design and construction on an expansion to the Beardsley Water Reclamation Facility (WRF) located along 111th Avenue between Union Hills Road and Beardsley Road. The current plant treatment capacity is 4 million gallons per day (MGD). Development north of Beardsley Road and east of the Agua Fria River requires an expansion in treatment capacity to 6 MGD.

**Justification:**

Expected growth in the northern part of Peoria will require expansion of the treatment facility from the existing capacity of 4.0 MGD to 6.0 MGD.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$7,147	\$100,292	\$64,488	\$0	\$0	\$0	\$0	\$0	\$0	\$171,927
CO-Construct	Wastewater Fund Base		\$0	\$0	\$10,029,200	\$6,448,750	\$0	\$0	\$0	\$0	\$0	\$0	\$16,477,950
DS-Design	Wastewater Fund Base		\$100,000	\$714,716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$814,716
AT-Arts	Water Expansion Base		\$0	\$19,000	\$16,150	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$65,150
CO-Construct	Water Expansion Base		\$0	\$1,900,000	\$1,615,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,515,000
DS-Design	Water Expansion Base		\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
AT-Arts	Water Fund Base		\$0	\$7,804	\$4,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,754
CO-Construct	Water Fund Base		\$0	\$0	\$495,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$495,000
CO-Construct	Water Fund Carryover		\$14,943	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,943
DS-Design	Water Fund Base		\$0	\$780,368	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$780,368
<b>Total Budget</b>			<b>\$514,943</b>	<b>\$3,429,035</b>	<b>\$12,260,592</b>	<b>\$9,543,238</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,747,808</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$16,800</b>								
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## Beardsley WRF Solids Pipeline Rehabilitation

**Project Number:** UT00308    **Project Location:** Beardsley and 91st Av to 99th Av

**Description:**

This project involves the rehabilitation of an 8-inch force main that transports solids from the Beardsley Water Reclamation Facility to the sewer collector along 91st Ave and then ultimately to the Butler Water Reclamation Facility.

**Justification:**

As the City's wastewater infrastructure ages, increasing importance is being placed on rehabilitation of the wastewater system. Recently, the 8-inch force main on Beardsley Road was inspected and deterioration of the system was discovered, such as cracks, settlement, pipe corrosion, etc. The rehabilitation report recommended the rehabilitation of the force main as a high priority. Staff is recommending the use of trenchless technologies to complete the work. The benefit of trenchless technology is that the existing pipeline does not have to be unearthed and replaced. Instead, the existing pipeline can be used as a host for a new pipe liner.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Fund Base		\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
CO-Construct	Wastewater Fund Carryover		\$2,077,837	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,077,837
<b>Total Budget</b>			<b>\$2,827,837</b>	<b>\$0</b>	<b>\$2,827,837</b>								

## Butler IPS Equipment Upgrade and Replacement

**Project Number:** UT00422    **Project Location:** 99th Av & Northern Av

**Description:**

The Butler Influent Pumping Station is the primary wastewater pumping station through which all flow that is treated at the Butler Water Reclamation Facility passes. This project provides for replacement, major rehabilitation, and assessment of process components such as motors, pumps, bar screens, odor control systems, VFDs, electrical and instrumentation associated with the Butler Influent Pumping Station to ensure continuous service.

**Justification:**

The Butler IPS receives wastewater flow from the Butler drainage basin and is the sole provider of wastewater to the Butler WRF, therefore it is critical to upgrade and replace aging equipment to provide continuous and reliable service to the Butler WRF.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Wastewater Fund Base		\$150,000	\$101,000	\$101,000	\$120,000	\$150,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$1,127,000
<b>Total Budget</b>			<b>\$150,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$120,000</b>	<b>\$150,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$1,127,000</b>

## Butler WRF Aeration System Upgrades

**Project Number:** UT00420    **Project Location:** Butler Water Reclamation Facility

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of new aeration system blowers at the Butler Water Reclamation Facility. The project will also make small modifications to the aeration system piping to make the system more efficient overall. The FY20 funding for this project will account for added scope, as well as recent material, equipment and construction cost increases.

**Justification:**

The Butler Water Reclamation Facility utilizes aeration system blowers for the wastewater treatment process. In follow-up to recent process improvements, City staff has determined that the blowers could be downsized for greater energy efficiency and operation. A study was performed that identified the optimum size blowers for the plant and determined that installation of these new blowers would result in an energy annual cost savings of approximately \$280,000, along with increased operational efficiencies.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Fund	Base	\$524,948	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$524,948
CO-Construct	Wastewater Fund	Carryover	\$1,107,044	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,107,044
CO-Construct	Water Fund	Carryover	\$593,231	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$593,231
<b>Total Budget</b>			<b>\$2,225,223</b>	<b>\$0</b>	<b>\$2,225,223</b>								

## Butler WRF Equipment Upgrade and Replacement

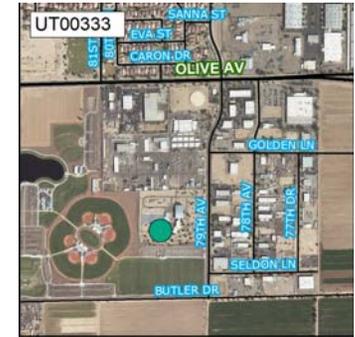
**Project Number:** UT00333    **Project Location:** Butler Water Reclamation Facility

**Description:**

The Butler Water Reclamation Facility (WRF) is a complex, highly automated wastewater treatment facility. Equipment operates in, or is exposed to, harsh environmental conditions. As equipment degrades or ages, replacement is required. Some of the larger pieces of equipment identified for replacement or major rebuilding/over-haul include various pumps and motors, centrifuge scrolls, various variable frequency drives, and chemical systems.

**Justification:**

The Butler WRF provides wastewater treatment services to approximately two thirds of Peoria’s customers. Repairing and replacing equipment is an important part of keeping this facility in operating condition and in compliance with all applicable permits and regulatory requirements.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
EQ-Equipment	Wastewater Fund	Base	\$135,000	\$135,000	\$75,000	\$78,750	\$112,500	\$75,000	\$112,500	\$112,500	\$112,500	\$112,500	\$1,061,250
EQ-Equipment	Water Fund	Base	\$45,000	\$45,000	\$25,000	\$26,250	\$37,500	\$25,000	\$37,500	\$37,500	\$37,500	\$37,500	\$353,750
<b>Total Budget</b>			<b>\$180,000</b>	<b>\$180,000</b>	<b>\$100,000</b>	<b>\$105,000</b>	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$1,415,000</b>

## Butler WRF Headworks Rehabilitation

**Project Number:** UT00100    **Project Location:** Butler Water Reclamation Facility

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for the rehabilitation of the concrete influent screening channels inside of the Butler WRF Headworks Building including channel isolation, concrete repairs, and coating installation.

**Justification:**

This rehabilitation project will prevent deterioration of the concrete channels, restore the structural integrity of the concrete and ensure the concrete is protected from exposure to corrosive gases in order to maximize the useful life of the influent screening channels.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Fund	Carryover	\$579,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$579,300
CO-Construct	Water Fund	Carryover	\$8,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,200
<b>Total Budget</b>			<b>\$587,500</b>	<b>\$0</b>	<b>\$587,500</b>								

## Butler WRF Recharge Wells

**Project Number:** UT00309    **Project Location:** Butler Water Reclamation Facility

**Description:**

This project will design and construct new groundwater recharge wells in the Butler Wastewater Basin. The project will provide for the project coordination, public involvement, pre-design studies, design, right of way acquisition, construction, materials testing, construction administration, and utility coordination for installation of a new recharge well, reclaimed water piping to the well, and all associated site and electrical equipment. The next proposed site location will focus on areas near the City Hall Campus.

**Justification:**

Drilling and installation of new groundwater recharge wells allows the city to pump treated wastewater from the Butler Water Reclamation Facility back into the groundwater aquifer. Doing so allows the city to gain recharge credits that help maintain the City's water supply. In addition, this project would lessen the amount of effluent water needing to be sent to the New River/Agua Fria Underground Storage Project (NAUSP).



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Expa Base		\$0	\$667	\$3,914	\$4,465	\$0	\$0	\$0	\$0	\$0	\$0	\$9,046
CB-Chargebac	Wastewater Expa Base		\$0	\$1,229	\$7,167	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,396
CO-Construct	Wastewater Expa Base		\$0	\$40,399	\$238,763	\$446,500	\$0	\$0	\$0	\$0	\$0	\$0	\$725,662
DS-Design	Wastewater Expa Base		\$0	\$26,209	\$152,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$178,711
AT-Arts	Water Expansion Base		\$0	\$5,221	\$12,587	\$18,800	\$0	\$0	\$0	\$0	\$0	\$0	\$36,608
CB-Chargebac	Water Expansion Base		\$0	\$3,686	\$21,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,188
CO-Construct	Water Expansion Base		\$0	\$443,502	\$800,000	\$1,880,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,123,502
CO-Construct	Water Expansion Carryover		\$880,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$880,970
DS-Design	Water Expansion Base		\$300,000	\$78,628	\$458,669	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$837,297
<b>Total Budget</b>			<b>\$1,180,970</b>	<b>\$599,541</b>	<b>\$1,695,104</b>	<b>\$2,349,765</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,825,380</b>

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61,000</b>	<b>\$0</b>	<b>\$366,000</b>						
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## El Mirage Road Sewer Infrastructure Upsizing

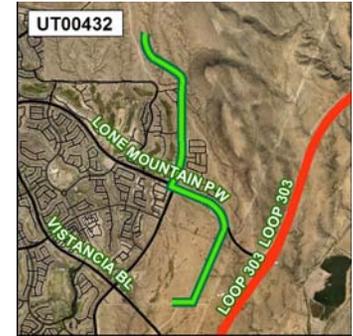
**Project Number:** UT00432    **Project Location:** El Mirage Rd from Westland Rd to Jomax Rd

**Description:**

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of a new trunk sewer main primarily along El Mirage Road from Jomax Road to Westland Road. The project will be constructed by a local developer, but the City will fund 'oversizing' of the sewer main to account for capacity needs of future development. The oversizing cost will be paid for by future developers through impact fee assessment.

**Justification:**

While this trunk sewer main is expected to be constructed by developers in the area, the City will often look to 'oversize' a main to meet future development needs beyond those of the developer. This process is done through a development agreement where the City reimburses the developer for the oversize cost.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
CO-Construct	Wastewater Fund Base		\$500,000	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000
<b>Total Budget</b>			<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$606,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,106,000</b>

## Jomax WRF Equipment Upgrade and Replacement

**Project Number:** UT00323    **Project Location:** Jomax Water Reclamation Facility

**Description:**

The equipment at Jomax Water Reclamation Facility is exposed to a harsh wastewater environment and is subject to continuous operation. Replacement of equipment is required as the facility ages. Potential projects include scrubber replacement with more efficient technology, turbo blower addition with more efficient technology, electrical component replacements and upgrades, influent screens and screening components, various pumps, and safety upgrades.

**Justification:**

Jomax WRF is the sole supplier of wastewater services to our Vistancia area residents and is a critical facility to foster growth in that area. Replacement and upgrade of treatment components and equipment ensure that the facility is ready to provide continuous, reliable service. This is not only important for our core service but is required by county and state regulations.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund	Base	\$0	\$750	\$934	\$1,121	\$375	\$559	\$375	\$375	\$375	\$0	\$4,864
CO-Construct	Wastewater Fund	Base	\$116,250	\$75,000	\$93,375	\$112,125	\$37,500	\$55,875	\$37,500	\$37,500	\$37,500	\$0	\$602,625
CO-Construct	Wastewater Fund	Carryover	\$4,857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,857
AT-Arts	Water Fund	Base	\$0	\$250	\$311	\$374	\$125	\$186	\$125	\$125	\$125	\$0	\$1,621
CO-Construct	Water Fund	Base	\$28,750	\$25,000	\$31,125	\$37,375	\$12,500	\$18,625	\$12,500	\$12,500	\$12,500	\$0	\$190,875
CO-Construct	Water Fund	Carryover	\$12,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,500
<b>Total Budget</b>			<b>\$162,357</b>	<b>\$101,000</b>	<b>\$125,745</b>	<b>\$150,995</b>	<b>\$50,500</b>	<b>\$75,245</b>	<b>\$50,500</b>	<b>\$50,500</b>	<b>\$50,500</b>	<b>\$0</b>	<b>\$817,342</b>

## Jomax WRF Expansion

**Project Number:** UT00388    **Project Location:** Jomax Water Reclamation Facility

**Description:**

This project will include design and construction of an expansion to the Jomax Water Reclamation Facility (WRF) located just north of the Beardsley Canal and west of the Agua Fria River. The current treatment capacity of the Jomax WRF is 2.25 million gallons per day (MGD). Development in the north and northwest portions of the City will require that additional treatment capacity be added at this facility. As currently planned, the WRF expansion costs represent the City's costs of a 1.5MGD expansion to a 4.5MGD capacity.

**Justification:**

The Jomax Water Reclamation Facility (WRF) was originally constructed in 2005 to treat wastewater generated by the northwest areas of Peoria. The facility is located on Jomax Road just west of El Mirage Road and is a regional wastewater treatment and reclamation facility serving the needs of the Vistancia, Trilogy and other surrounding communities. The plant has previously been expanded from 0.75 MGD to its current capacity of 2.25 MGD. Development within Vistancia, Saddleback Heights, and Trilogy West will require that the facility be expanded to provide the required treatment capacity. Vistancia will provide funding for the expansion from 2.25 MGD to 3 MGD.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$360,000	\$0	\$0	\$0	\$0	\$0	\$360,000
CO-Construct	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$36,000,000	\$0	\$0	\$0	\$0	\$0	\$36,000,000
CO-Construct	Wastewater Expa	Carryover	\$796,525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$796,525
CO-Construct	Wastewater Fund	Carryover	\$143,475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143,475
DS-Design	Wastewater Fund	Base	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000
CO-Construct	Water Expansion	Carryover	\$357,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$357,825
AT-Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$96,906	\$100,000	\$0	\$0	\$0	\$0	\$196,906
CO-Construct	Water Fund	Base	\$0	\$0	\$0	\$0	\$9,690,594	\$10,000,000	\$0	\$0	\$0	\$0	\$19,690,594
<b>Total Budget</b>			<b>\$3,397,825</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,147,500</b>	<b>\$10,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$59,645,325</b>

# Jomax WRF Operations Building

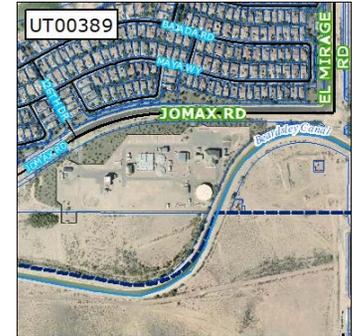
**Project Number:** UT00389    **Project Location:** Jomax Water Reclamation Facility

**Description:**

This project will construct a new plant operations building at the Jomax Water Reclamation Facility (WRF). As the Jomax WRF begins an expansion process, the Water Services Department has identified a new operations building as a need for future operation of a larger regional plant. The current operations building was built as a temporary structure until growth in the area forced an expansion. This project will provide for pre-design, design, construction, permitting, and utility coordination for construction of the new building.

**Justification:**

As Vistancia area growth continues, a new operations building is crucial to maintain and efficiently operate a larger regional wastewater facility.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Expa	Base	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000
CO-Construct	Wastewater Expa	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
AT-Arts	Wastewater Fund	Base	\$0	\$16,463	\$23,713	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,176
CB-Chargebac	Wastewater Fund	Base	\$0	\$5,200	\$5,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,400
CO-Construct	Wastewater Fund	Base	\$0	\$1,646,287	\$2,371,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,017,574
DS-Design	Wastewater Fund	Base	\$521,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$521,782
AT-Arts	Water Fund	Base	\$0	\$4,917	\$11,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,052
CB-Chargebac	Water Fund	Base	\$0	\$1,300	\$1,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600
CO-Construct	Water Fund	Base	\$0	\$491,713	\$1,113,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,605,208
DS-Design	Water Fund	Base	\$171,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,287
<b>Total Budget</b>			<b>\$693,069</b>	<b>\$2,973,880</b>	<b>\$3,526,130</b>	<b>\$0</b>	<b>\$7,193,079</b>						

<b>Total Operating Impacts</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$132,000</b>	<b>\$924,000</b>								
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## Lift Station Reconditioning

**Project Number:** UT00116    **Project Location:** Citywide

**Description:**

This project addresses ongoing needs at all City of Peoria lift stations. The funds will be used to address pre-treatment, odor control, corrosion prevention, eye wash units, equipment upgrades and replacements. The city has 13 lift stations in the wastewater collection system.

**Justification:**

Wastewater lift stations operate in a corrosive environment where equipment damage and odor generation are ongoing issues. Maintaining operational efficiencies and extending the life of these facilities can be accomplished through effective replacement and upgrade of key components.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$3,950	\$3,900	\$3,800	\$3,800	\$3,800	\$3,800	\$3,800	\$3,800	\$3,800	\$34,450
CO-Construct	Wastewater Fund Base		\$490,000	\$395,000	\$390,000	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$3,935,000
CO-Construct	Wastewater Fund Carryover		\$425,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000
<b>Total Budget</b>			<b>\$915,000</b>	<b>\$398,950</b>	<b>\$393,900</b>	<b>\$383,800</b>	<b>\$4,394,450</b>						

## LPH Mystic Wastewater Oversizing

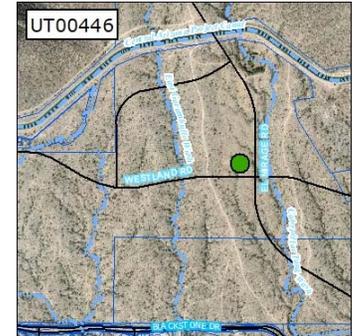
**Project Number:** UT00446    **Project Location:** Lake Pleasant Heights Development

**Description:**

This project provides for additional wastewater collection capacity in the water system serving the Lake Pleasant Heights (LPH) development and adjacent developments in the future. The LPH development will fund the transmission mains necessary to serve the development's requirements. The City is funding the over-sizing of selected wastewater trunk sewer lines to provide collection system capacity for new developments in the surrounding areas.

**Justification:**

The project provides for additional collection capacity in the wastewater system in and around the Lake Pleasant Heights development area. The lines will be used to convey wastewater to the area's treatment facility.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$0	\$0	\$667	\$0	\$0	\$0	\$0	\$1,164	\$0	\$1,831
CO-Construct	Wastewater Fund Base		\$0	\$0	\$0	\$66,692	\$0	\$0	\$0	\$0	\$116,394	\$0	\$183,086
<b>Total Budget</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$67,359</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$117,558</b>	<b>\$0</b>	<b>\$184,917</b>

## Manhole Rehabilitation

**Project Number:** UT00307    **Project Location:** Citywide

**Description:**

This project will repair and rehabilitate sewer manholes, manhole rings and manhole covers throughout the City's wastewater collection system. The City has over 14,000 manholes with an expected life of 30 to 50 years. Manholes to be rehabilitated were identified in a sewer line assessment study.

**Justification:**

As the City's wastewater collection system utility assets age, capital repairs and maintenance are necessary to ensure continuous and reliable service. Rehabilitation restores the structural integrity of manholes; stops water infiltration and exfiltration, and protects manholes, manhole rings and manhole covers from deterioration due to exposure to corrosive gases present in the sewer system. Proactive rehabilitation projects help ensure these assets reach their maximum useful life and minimizes system failures. The cost to renovate a single manhole is dependent on the size and condition of the manhole.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$3,725	\$3,725	\$3,725	\$3,725	\$3,725	\$3,725	\$3,725	\$3,725	\$3,725	\$33,525
CB-Chargebac	Wastewater Fund Base		\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$22,500
CO-Construct	Wastewater Fund Base		\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$3,725,000
CO-Construct	Wastewater Fund Carryover		\$380,787	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,787
<b>Total Budget</b>			<b>\$753,287</b>	<b>\$378,725</b>	<b>\$4,161,812</b>								

## Miscellaneous Local Wastewater Line Improvements

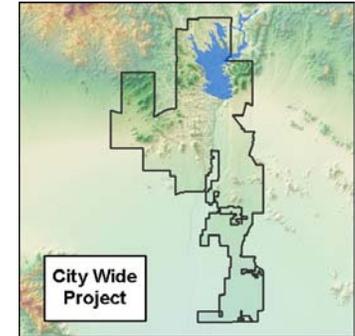
**Project Number:** UT00191    **Project Location:** Citywide

**Description:**

This project provides funding to rehabilitate, realign, assess or extend the city's existing wastewater collection system to ensure its continued compliant and efficient operation. Examples, though not limited to, include sewer extensions in coordination with street improvement projects, realignment/rehabilitation of downtown alley sewer mains, assessment of the air relief valves and immediate need sewer repairs.

**Justification:**

The city's wastewater collection system requires ongoing upgrading and rehabilitation to ensure efficient and reliable operation. In addition, these funds provide means for the Water Services Department to take advantage of coordinating efforts with other city projects to ensure a complete total project. This project provides for assessment of the city's sewer utility assets and the repair of historical problem areas, which minimizes the risk of sanitary sewer overflows.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$2,000	\$2,000	\$2,000	\$2,250	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$18,250
CB-Chargebac	Wastewater Fund Base		\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$18,000
CO-Construct	Wastewater Fund Base		\$200,000	\$200,000	\$200,000	\$200,000	\$225,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,025,000
CO-Construct	Wastewater Fund Carryover		\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Total Budget</b>			<b>\$600,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$229,250</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$2,461,250</b>

## SROG Line Assessment & Repair

**Project Number:** UT00321    **Project Location:** 99th Av; Northern Av to Olive Av

**Description:**

This project will fund a portion of an assessment and rehabilitation effort to be done to the 99th Avenue West Sub Regional Operating Group (SROG) interceptor. Under the SROG agreement, the City of Peoria is responsible for 21.68 percent of all capital costs associated with this line. In addition, the agreement details a 56 percent cost share of assessment and rehabilitation of a flow meter vault (GL02). The rehabilitation of GL02 and GL03 flow meters will be included in this project.

**Justification:**

In case of a wastewater treatment emergency, a bypass to the 99th Avenue interceptor can deliver the City's raw wastewater to the SROG system. Having this backup in place is key to effectively managing and maintaining the City's wastewater system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$1,691	\$2,211	\$4,965	\$0	\$0	\$0	\$0	\$0	\$0	\$8,867
CO-Construct	Wastewater Fund Base		\$0	\$169,104	\$221,136	\$496,472	\$0	\$0	\$0	\$0	\$0	\$0	\$886,712
<b>Total Budget</b>			<b>\$0</b>	<b>\$170,795</b>	<b>\$223,347</b>	<b>\$501,437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$895,579</b>

## Trunk Sewer Line Inspection

**Project Number:** UT00322    **Project Location:** Citywide

**Description:**

This project will perform an inspection and assessment of all sanitary sewer mains 15 inches and larger within the wastewater collection system on a five-year basis to ensure the structural and operational viability of these large sewer mains. In addition, this project will perform an assessment of the City's existing sanitary sewer force mains. These assessments will identify any existing or potential structural and operational issues.

**Justification:**

An original assessment of all trunk sewer lines was executed in FY 2011 and FY 2012. This original inspection created a condition baseline and generated multiple projects that were completed by a subsequent CIP project and improved the condition of the collection system. An update to the original assessment was completed in FY 2017 and FY 2018. As sewer lines age and operate in a very harsh environment, periodic assessments are needed to monitor the condition of the infrastructure, providing a proactive approach and increasing the performance predictability of the system.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Wastewater Fund	Carryover	\$326,101	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$326,101
SY-Study	Wastewater Fund	Base	\$600,000	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
<b>Total Budget</b>			<b>\$926,101</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,526,101</b>

## Trunk Sewer Rehabilitation

**Project Number:** UT00296    **Project Location:** Citywide

**Description:**

Project includes the rehabilitation of trunk sewer mains identified in the 2017 Trunk Sewer System Condition Assessment.

**Justification:**

The City's Water Services Department performs regular condition assessments of our existing sewer infrastructure to identify areas of concern. A recent assessment completed in 2017 identified several trunk sewer segments in need of rehabilitation. This project will address those segments.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
AT-Arts	Wastewater Fund Base		\$0	\$0	\$0	\$0	\$21,782	\$0	\$0	\$0	\$0	\$0	\$21,782
CO-Construct	Wastewater Fund Base		\$1,792,078	\$0	\$0	\$0	\$2,178,218	\$0	\$0	\$0	\$0	\$0	\$3,970,296
CO-Construct	Wastewater Fund Carryover		\$1,184,166	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,184,166
DS-Design	Wastewater Fund Base		\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Total Budget</b>			<b>\$3,226,244</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,426,244</b>

## Wastewater System Additional R & M Expense

**Project Number:** UT00436    **Project Location:** Citywide

**Description:**

This project will provide for major repair, maintenance, and rehabilitation of our wastewater infrastructure.

**Justification:**

Aging infrastructure requires additional major repair, maintenance, and rehabilitation to extend the life of wastewater Water Service assets and to ensure uninterrupted service to our customers. Planning and funding major repair, maintenance, and rehabilitation projects as opposed to addressing concerns reactively allows for coordinated scheduling, and reduces both service interruption duration and overall project costs.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
OT-Other	Wastewater Fund Base		\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$7,070,000
<b>Total Budget</b>			<b>\$707,000</b>	<b>\$7,070,000</b>									

## West Agua Fria Wastewater Lines

**Project Number:** UT00171    **Project Location:** Vistancia Development

**Description:**

This project will provide additional wastewater collection capacity throughout the Vistancia community. The Vistancia Utilities Master Plan identified the wastewater trunk sewers that are needed to support the Vistancia wastewater system. The City is funding oversizing of selected wastewater trunk sewers to provide collection system capacity for new development in surrounding areas. Future developers will contribute to this cost through impact fee assessment. Trunk mains are primarily located along Vistancia Blvd and El Mirage Rd.

**Justification:**

This project provides for additional collection capacity in the wastewater system in the Vistancia area. These lines are part of the Vistancia Wastewater Master Plan and will be used to convey wastewater to the appropriate treatment facility.



Category	Funding Source	Carryover / Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
CO-Construct	Wastewater Expa	Carryover	\$1,152,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,152,325
AT-Arts	Wastewater Fund Base		\$0	\$3,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,250
CO-Construct	Wastewater Fund Base		\$271,203	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$596,203
<b>Total Budget</b>			<b>\$1,423,528</b>	<b>\$328,250</b>	<b>\$0</b>	<b>\$1,751,778</b>							

## Drainage

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>67th &amp; Pinnacle Pk Regional Drainage Improvements</u>										
EN00651 (Page Number 22)										
4254-4254-525515	Drainage	AT	Base	\$0	\$8,000	\$11,000	\$46,670	\$0	\$0	\$65,670
4254-4254-543004	Drainage	CO	Base	\$0	\$0	\$1,100,000	\$4,667,000	\$0	\$0	\$5,767,000
4254-4254-543004	Drainage	DS	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000
4254-4254-544001	Drainage	CB	Base	\$0	\$20,000	\$12,250	\$143,190	\$0	\$0	\$175,440
4810-4810-543004	Drainage	CO	Base	\$0	\$0	\$1,100,000	\$5,900,000	\$0	\$0	\$7,000,000
4810-4810-543004	Drainage	DS	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000
<b>Project Total</b>				<b>\$0</b>	<b>\$1,628,000</b>	<b>\$2,223,250</b>	<b>10,756,860</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,608,110</b>
<u>91st Av &amp; Hatfield Rd Drainage Facilities</u>										
EN00631 (Page Number 23)										
4254-4254-520099	Drainage	SY	Base	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
4254-4254-525515	Drainage	AT	Base	\$0	\$0	\$0	\$0	\$0	\$10,900	\$10,900
4254-4254-543004	Drainage	CO	Base	\$0	\$0	\$0	\$0	\$0	\$970,000	\$970,000
4254-4254-543004	Drainage	DS	Base	\$0	\$0	\$0	\$0	\$0	\$120,000	\$120,000
4254-4254-544001	Drainage	CB	Base	\$0	\$0	\$0	\$0	\$0	\$103,000	\$103,000
<b>Project Total</b>				<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,203,900</b>	<b>\$1,303,900</b>
<u>Bedford Village Units 1 and 2 Basin Upgrades</u>										
EN00682 (Page Number 24)										
4254-4254-520099	Drainage	SY	Base	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
4254-4254-525515	Drainage	AT	Base	\$0	\$0	\$0	\$0	\$1,000	\$7,713	\$8,713
4254-4254-543004	Drainage	CO	Base	\$0	\$0	\$0	\$0	\$0	\$771,287	\$771,287
4254-4254-543004	Drainage	DS	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
4254-4254-544001	Drainage	CB	Base	\$0	\$0	\$0	\$0	\$20,000	\$22,000	\$42,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171,000</b>	<b>\$801,000</b>	<b>\$972,000</b>
<u>Greenway Channel Repairs</u>										
EN00681 (Page Number 25)										
4254-4254-525515	Drainage	AT	Base	\$0	\$0	\$0	\$0	\$0	\$10,250	\$10,250
4254-4254-543004	Drainage	CO	Base	\$0	\$0	\$0	\$0	\$0	\$925,000	\$925,000
4254-4254-543004	Drainage	DS	Base	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
4254-4254-544001	Drainage	CB	Base	\$0	\$0	\$0	\$0	\$0	\$48,500	\$48,500
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,083,750</b>	<b>\$1,083,750</b>
<u>Neighborhood Drainage Program</u>										
EN00458 (Page Number 26)										
4254-4254-543004	Drainage	CO	Base	\$346,535	\$0	\$0	\$0	\$0	\$0	\$346,535
4253-4253-543004	Drainage	CO	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Project Total</b>				<b>\$496,535</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$496,535</b>

## Drainage

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>New River &amp; Jomax Rd Concrete Box Culvert</u>										
EN00354 (Page Number 27)										
7003-7053-520099	Drainage	SY	Base	\$0	\$0	\$0	\$0	\$40,000	\$0	\$40,000
7003-7053-525515	Drainage	AT	Base	\$0	\$0	\$0	\$0	\$0	\$14,650	\$14,650
7003-7053-543004	Drainage	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,350,000	\$1,350,000
7003-7053-543004	Drainage	DS	Base	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000
7003-7053-544001	Drainage	CB	Base	\$0	\$0	\$0	\$0	\$1,000	\$29,000	\$30,000
4254-4254-520099	Drainage	SY	Base	\$0	\$0	\$0	\$0	\$40,000	\$0	\$40,000
4254-4254-525515	Drainage	AT	Base	\$0	\$0	\$0	\$0	\$0	\$14,650	\$14,650
4254-4254-543004	Drainage	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,350,000	\$1,350,000
4254-4254-543004	Drainage	DS	Base	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000
4254-4254-544001	Drainage	CB	Base	\$0	\$0	\$0	\$0	\$1,000	\$29,000	\$30,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,000</b>	<b>\$3,017,300</b>	<b>\$3,099,300</b>
<u>Olive Av &amp; 99th Av - Storm Drain Outfall Repair</u>										
EN00680 (Page Number 28)										
4254-4254-525515	Drainage	AT	Base	\$0	\$9,200	\$0	\$0	\$0	\$0	\$9,200
4254-4254-543004	Drainage	CO	Base	\$0	\$920,000	\$0	\$0	\$0	\$0	\$920,000
4254-4254-543004	Drainage	DS	Base	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
4254-4254-544001	Drainage	CB	Base	\$0	\$33,000	\$0	\$0	\$0	\$0	\$33,000
<b>Project Total</b>				<b>\$120,000</b>	<b>\$962,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,082,200</b>
<u>Pinnacle Peak Drainage: 87th Ave to 91st Ave</u>										
EN00455 (Page Number 29)										
4253-4253-543004	Drainage	CO	Carryover	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
<b>Project Total</b>				<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>
<u>Section 12 Neighborhood Drainage Improvements</u>										
EN00119 (Page Number 30)										
2272-2298-543004	Drainage	CO	Base	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000
2272-2298-520099	Drainage	OT	Carryover	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
2272-2298-540000	Drainage	LA	Carryover	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2,000
2272-2298-543004	Drainage	CO	Carryover	\$3,785,583	\$0	\$0	\$0	\$0	\$0	\$3,785,583
<b>Project Total</b>				<b>\$5,687,583</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,687,583</b>
<u>Skunk Creek Spillways</u>										
EN00628 (Page Number 31)										
4254-4254-543004	Drainage	CO	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Project Total</b>				<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

## Drainage

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Storm Drain Land Preservation - Land Preservation</u>										
EN00524 (Page Number 32)										
4254-4254-540000	Drainage	LA	Base	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000
4254-4254-544001	Drainage	CB	Base	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
<b>Project Total</b>				<b>\$0</b>	<b>\$603,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$603,000</b>
<u>Union Hills Channel</u>										
EN00137 (Page Number 33)										
4254-4254-525515	Drainage	AT	Base	\$0	\$11,195	\$0	\$0	\$0	\$0	\$11,195
4254-4254-543004	Drainage	CO	Base	\$500,000	\$1,119,484	\$0	\$0	\$0	\$0	\$1,619,484
4254-4254-544001	Drainage	CB	Base	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
<b>Project Total</b>				<b>\$500,000</b>	<b>\$1,145,679</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,645,679</b>
<b>Total - Drainage</b>				<b>\$7,314,118</b>	<b>\$4,338,879</b>	<b>\$2,223,250</b>	<b>10,756,860</b>	<b>\$253,000</b>	<b>\$6,105,950</b>	<b>\$30,992,057</b>

## Economic Development

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Commercial Abatement</u>										
ED00025	(Page Number 38)									
1210-0350-541003	nic Develc	OT	Carryover	\$497,090	\$0	\$0	\$0	\$0	\$0	\$497,090
			<b>Project Total</b>	<b>\$497,090</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$497,090</b>
<u>Denaro Medical Plaza</u>										
ED00021	(Page Number 39)									
1900-1900-522070	nic Develc	OT	Carryover	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000
			<b>Project Total</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>
<u>GE Avionics (Aviage Systems)</u>										
ED00015	(Page Number 40)									
1900-1900-522070	nic Develc	OT	Carryover	\$673,000	\$0	\$0	\$0	\$0	\$0	\$673,000
			<b>Project Total</b>	<b>\$673,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$673,000</b>
<u>Huntington University</u>										
ED00018	(Page Number 41)									
1900-1900-522099	nic Develc	OT	Carryover	\$425,000	\$0	\$0	\$0	\$0	\$0	\$425,000
			<b>Project Total</b>	<b>\$425,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425,000</b>
<u>Maxwell Technologies</u>										
ED00008	(Page Number 42)									
1900-1900-522070	nic Develc	OT	Carryover	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$1,109,000
			<b>Project Total</b>	<b>\$1,109,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,109,000</b>
<u>Modern Round</u>										
ED00022	(Page Number 43)									
1210-0350-522099	nic Develc	OT	Base	\$65,517	\$65,517	\$65,517	\$65,517	\$65,517	\$196,551	\$524,136
1210-0350-522099	nic Develc	OT	Carryover	\$65,516	\$0	\$0	\$0	\$0	\$0	\$65,516
			<b>Project Total</b>	<b>\$131,033</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$196,551</b>	<b>\$589,652</b>
<u>NOVO Development</u>										
ED00027	(Page Number 44)									
1210-0350-524002	nic Develc	OT	Carryover	\$425,000	\$0	\$0	\$0	\$0	\$0	\$425,000
			<b>Project Total</b>	<b>\$425,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425,000</b>
<u>Old Town Parcel Assembly &amp; Tenant Improvements</u>										
ED00024	(Page Number 45)									
1210-0350-541003	nic Develc	OT	Base	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
			<b>Project Total</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>

## Economic Development

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Old Town Streetscape</u>										
EN00646	(Page Number 46)									
1000-0310-522099	nic Develc	OT	Base	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
1000-0310-541005	nic Develc	CO	Base	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
1210-0350-541005	nic Develc	CO	Base	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
7000-7050-541005	nic Develc	CO	Base	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
<b>Project Total</b>				<b>\$500,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>
<u>Pedestrian and Shade Initiative</u>										
EN00645	(Page Number 47)									
1000-0310-541003	nic Develc	CO	Base	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
1000-0310-541003	nic Develc	OT	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Project Total</b>				<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>
<u>Peoria Forward Plan - ASU</u>										
ED00028	(Page Number 48)									
1900-1900-522099	nic Develc	OT	Base	\$380,840	\$473,188	\$638,483	\$0	\$0	\$0	\$1,492,511
1900-1900-522099	nic Develc	OT	Carryover	\$227,011	\$0	\$0	\$0	\$0	\$0	\$227,011
<b>Project Total</b>				<b>\$607,851</b>	<b>\$473,188</b>	<b>\$638,483</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,719,522</b>
<u>Placemaking Initiative</u>										
EN00021	(Page Number 49)									
1000-0310-522099	nic Develc	OT	Base	\$555,000	\$0	\$0	\$0	\$0	\$0	\$555,000
1000-0310-522099	nic Develc	OT	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Project Total</b>				<b>\$955,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$955,000</b>
<b>Total - Economic Development</b>				<b>\$6,247,974</b>	<b>\$5,538,705</b>	<b>\$704,000</b>	<b>\$65,517</b>	<b>\$65,517</b>	<b>\$196,551</b>	<b>\$12,818,264</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Arts Distribution FY2020</u>										
AT02020 (Page Number 56)										
7910-7910-525515	ational Fac	AT	Base	\$13,789	\$0	\$0	\$0	\$0	\$0	\$13,789
7935-7935-525515	ational Fac	AT	Base	\$800	\$0	\$0	\$0	\$0	\$0	\$800
7915-7915-525515	ational Fac	AT	Base	\$1,040	\$0	\$0	\$0	\$0	\$0	\$1,040
7942-7942-525515	ational Fac	AT	Base	\$2,500	\$0	\$0	\$0	\$0	\$0	\$2,500
7943-7943-525515	ational Fac	AT	Base	\$28,400	\$0	\$0	\$0	\$0	\$0	\$28,400
7001-7051-525515	ational Fac	AT	Base	\$7,187	\$0	\$0	\$0	\$0	\$0	\$7,187
7003-7053-525515	ational Fac	AT	Base	\$62,523	\$0	\$0	\$0	\$0	\$0	\$62,523
7920-7920-525515	ational Fac	AT	Base	\$2,955	\$0	\$0	\$0	\$0	\$0	\$2,955
4254-4254-525515	ational Fac	AT	Base	\$69,579	\$0	\$0	\$0	\$0	\$0	\$69,579
1000-0310-525515	ational Fac	AT	Base	\$15,290	\$0	\$0	\$0	\$0	\$0	\$15,290
4253-4253-525515	ational Fac	AT	Base	\$235,565	\$0	\$0	\$0	\$0	\$0	\$235,565
1210-0350-525515	ational Fac	AT	Base	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
7000-7050-525515	ational Fac	AT	Base	\$100,441	\$0	\$0	\$0	\$0	\$0	\$100,441
7009-7059-525515	ational Fac	AT	Base	\$6,701	\$0	\$0	\$0	\$0	\$0	\$6,701
1970-1970-525515	ational Fac	AT	Base	\$7,969	\$0	\$0	\$0	\$0	\$0	\$7,969
7907-7907-525515	ational Fac	AT	Base	\$329	\$0	\$0	\$0	\$0	\$0	\$329
4150-4150-525515	ational Fac	AT	Base	\$3,653	\$0	\$0	\$0	\$0	\$0	\$3,653
4550-4550-525515	ational Fac	AT	Base	\$113,121	\$0	\$0	\$0	\$0	\$0	\$113,121
1111-0120-525515	ational Fac	AT	Base	\$2,709	\$0	\$0	\$0	\$0	\$0	\$2,709
2600-2760-525515	ational Fac	AT	Base	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
7010-7075-525515	ational Fac	AT	Base	\$200,557	\$0	\$0	\$0	\$0	\$0	\$200,557
2509-2629-525515	ational Fac	AT	Base	\$7,700	\$0	\$0	\$0	\$0	\$0	\$7,700
2400-2550-525515	ational Fac	AT	Base	\$159,996	\$0	\$0	\$0	\$0	\$0	\$159,996
2161-2221-525515	ational Fac	AT	Base	\$6,743	\$0	\$0	\$0	\$0	\$0	\$6,743
2162-2222-525515	ational Fac	AT	Base	\$37,957	\$0	\$0	\$0	\$0	\$0	\$37,957
2163-2223-525515	ational Fac	AT	Base	\$10,300	\$0	\$0	\$0	\$0	\$0	\$10,300
2164-2224-525515	ational Fac	AT	Base	\$116,981	\$0	\$0	\$0	\$0	\$0	\$116,981
2050-2140-525515	ational Fac	AT	Base	\$255,116	\$0	\$0	\$0	\$0	\$0	\$255,116
2272-2298-525515	ational Fac	AT	Base	\$50,856	\$0	\$0	\$0	\$0	\$0	\$50,856
2270-2350-525515	ational Fac	AT	Base	\$26,012	\$0	\$0	\$0	\$0	\$0	\$26,012
2271-2297-525515	ational Fac	AT	Base	\$16,789	\$0	\$0	\$0	\$0	\$0	\$16,789
<b>Project Total</b>				<b>\$1,574,558</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,574,558</b>
<u>Asphalt Repair and Replacement-MOC</u>										
PW01199 (Page Number 58)										
4253-4253-541003	ational Fac	OT	Carryover	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
<b>Project Total</b>				<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Building Equipment Renovation and Replacement</u>										
PW00050 (Page Number 59)										
1970-1970-520099	ational Fac	SY	Base	\$125,000	\$75,000	\$0	\$0	\$0	\$0	\$200,000
1970-1970-541003	ational Fac	EQ	Base	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
1970-1970-520099	ational Fac	OT	Carryover	\$135,481	\$0	\$0	\$0	\$0	\$0	\$135,481
1970-1970-541003	ational Fac	OT	Carryover	\$693,005	\$0	\$0	\$0	\$0	\$0	\$693,005
1970-1970-542006	ational Fac	EQ	Carryover	\$84,094	\$0	\$0	\$0	\$0	\$0	\$84,094
<b>Project Total</b>				<b>\$1,077,580</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,152,580</b>
<u>Building Fixture and Finish Renovation</u>										
PW00060 (Page Number 60)										
1970-1970-541002	ational Fac	CO	Base	\$640,746	\$0	\$0	\$0	\$0	\$0	\$640,746
1970-1970-540500	ational Fac	CO	Carryover	\$51,164	\$0	\$0	\$0	\$0	\$0	\$51,164
<b>Project Total</b>				<b>\$691,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$691,910</b>
<u>Bus Stop Improvement Program</u>										
EN00673 (Page Number 62)										
7010-7075-540000	ational Fac	LA	Base	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
7010-7075-543001	ational Fac	CO	Base	\$910,000	\$0	\$0	\$0	\$0	\$0	\$910,000
7010-7075-543001	ational Fac	DS	Base	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
<b>Project Total</b>				<b>\$1,140,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,140,000</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Chargeback Distribution FY2020</u>										
CB02020 (Page Number 63)										
7910-7910-544001	ational Fac	CB	Base	\$4,258	\$0	\$0	\$0	\$0	\$0	\$4,258
7935-7935-544001	ational Fac	CB	Base	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
7942-7942-544001	ational Fac	CB	Base	\$772	\$0	\$0	\$0	\$0	\$0	\$772
7943-7943-544001	ational Fac	CB	Base	\$8,769	\$0	\$0	\$0	\$0	\$0	\$8,769
7001-7051-544001	ational Fac	CB	Base	\$2,219	\$0	\$0	\$0	\$0	\$0	\$2,219
7003-7053-544001	ational Fac	CB	Base	\$284,242	\$0	\$0	\$0	\$0	\$0	\$284,242
7920-7920-544001	ational Fac	CB	Base	\$6,513	\$0	\$0	\$0	\$0	\$0	\$6,513
4254-4254-544001	ational Fac	CB	Base	\$197,544	\$0	\$0	\$0	\$0	\$0	\$197,544
1000-0310-544001	ational Fac	CB	Base	\$61,028	\$0	\$0	\$0	\$0	\$0	\$61,028
4253-4253-544001	ational Fac	CB	Base	\$86,145	\$0	\$0	\$0	\$0	\$0	\$86,145
1210-0350-544001	ational Fac	CB	Base	\$9,773	\$0	\$0	\$0	\$0	\$0	\$9,773
7000-7050-544001	ational Fac	CB	Base	\$20,914	\$0	\$0	\$0	\$0	\$0	\$20,914
7009-7059-544001	ational Fac	CB	Base	\$6,549	\$0	\$0	\$0	\$0	\$0	\$6,549
7907-7907-544001	ational Fac	CB	Base	\$102	\$0	\$0	\$0	\$0	\$0	\$102
4150-4150-544001	ational Fac	CB	Base	\$75,191	\$0	\$0	\$0	\$0	\$0	\$75,191
4550-4550-544001	ational Fac	CB	Base	\$60,563	\$0	\$0	\$0	\$0	\$0	\$60,563
1111-0120-544001	ational Fac	CB	Base	\$26,370	\$0	\$0	\$0	\$0	\$0	\$26,370
2600-2760-544001	ational Fac	CB	Base	\$977	\$0	\$0	\$0	\$0	\$0	\$977
7010-7075-544001	ational Fac	CB	Base	\$294,241	\$0	\$0	\$0	\$0	\$0	\$294,241
2509-2629-544001	ational Fac	CB	Base	\$7,526	\$0	\$0	\$0	\$0	\$0	\$7,526
2400-2550-544001	ational Fac	CB	Base	\$69,365	\$0	\$0	\$0	\$0	\$0	\$69,365
2161-2221-544001	ational Fac	CB	Base	\$6,591	\$0	\$0	\$0	\$0	\$0	\$6,591
2162-2222-544001	ational Fac	CB	Base	\$28,568	\$0	\$0	\$0	\$0	\$0	\$28,568
2163-2223-544001	ational Fac	CB	Base	\$13,207	\$0	\$0	\$0	\$0	\$0	\$13,207
2164-2224-544001	ational Fac	CB	Base	\$88,211	\$0	\$0	\$0	\$0	\$0	\$88,211
2050-2140-544001	ational Fac	CB	Base	\$243,064	\$0	\$0	\$0	\$0	\$0	\$243,064
2272-2298-544001	ational Fac	CB	Base	\$61,692	\$0	\$0	\$0	\$0	\$0	\$61,692
2270-2350-544001	ational Fac	CB	Base	\$25,422	\$0	\$0	\$0	\$0	\$0	\$25,422
2271-2297-544001	ational Fac	CB	Base	\$5,184	\$0	\$0	\$0	\$0	\$0	\$5,184
<b>Project Total</b>				<b>\$1,710,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,710,000</b>
<u>Community Assistance Resource Center</u>										
CD00008 (Page Number 65)										
1000-0310-540500	ational Fac	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Community Works Program</u>										
COP0001 (Page Number 66)										
1000-0310-543005	ational Fac	CO	Base	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
7000-7050-543001	ational Fac	CO	Base	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
1000-0310-543005	s & Recre:	CO	Carryover	\$34,000	\$0	\$0	\$0	\$0	\$0	\$34,000
<b>Project Total</b>				<b>\$634,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$634,000</b>
<u>Council Chambers Building Repair Program</u>										
PW00510 (Page Number 67)										
4254-4254-525515	ational Fac	AT	Base	\$0	\$0	\$3,500	\$0	\$2,000	\$2,000	\$7,500
4254-4254-540500	ational Fac	CO	Base	\$0	\$0	\$350,000	\$0	\$200,000	\$200,000	\$750,000
1970-1970-540500	ational Fac	CO	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
4550-4550-542001	ational Fac	EQ	Carryover	\$38,422	\$0	\$0	\$0	\$0	\$0	\$38,422
<b>Project Total</b>				<b>\$118,422</b>	<b>\$0</b>	<b>\$353,500</b>	<b>\$0</b>	<b>\$202,000</b>	<b>\$202,000</b>	<b>\$875,922</b>
<u>Data Backup System</u>										
IT00007 (Page Number 68)										
3400-3800-541003	ational Fac	EQ	Base	\$260,000	\$0	\$0	\$0	\$0	\$0	\$260,000
<b>Project Total</b>				<b>\$260,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260,000</b>
<u>Energy Efficiency Projects</u>										
PW00507 (Page Number 69)										
1000-0300-520099	ational Fac	OT	Carryover	\$23,261	\$0	\$0	\$0	\$0	\$0	\$23,261
1000-0300-524004	ational Fac	OT	Carryover	\$939	\$0	\$0	\$0	\$0	\$0	\$939
1000-0310-540500	ublic Safet	CO	Carryover	\$20,401	\$0	\$0	\$0	\$0	\$0	\$20,401
1970-1970-524002	ational Fac	OT	Carryover	\$117,309	\$0	\$0	\$0	\$0	\$0	\$117,309
<b>Project Total</b>				<b>\$161,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$161,910</b>
<u>Fleet Shop Repair</u>										
PW00306 (Page Number 70)										
1000-0310-540500	ational Fac	CO	Carryover	\$61,302	\$0	\$0	\$0	\$0	\$0	\$61,302
7000-7050-540500	ational Fac	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
2600-2760-540500	ational Fac	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$261,302</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$261,302</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Fleet Shop Replacement</u>										
PW00308 (Page Number 71)										
2590-2720-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$4,900	\$0	\$4,900
2590-2720-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$490,000	\$0	\$490,000
2590-2720-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$4,693	\$0	\$4,693
4254-4254-525515	ational Fac	AT	Base	\$0	\$0	\$20,475	\$0	\$66,105	\$0	\$86,580
4254-4254-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$6,610,500	\$0	\$6,610,500
4254-4254-540500	ational Fac	DS	Base	\$0	\$0	\$2,047,494	\$0	\$0	\$0	\$2,047,494
4254-4254-544001	ational Fac	CB	Base	\$0	\$0	\$129,533	\$0	\$72,735	\$0	\$202,268
7000-7050-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$13,250	\$0	\$13,250
7000-7050-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$1,325,000	\$0	\$1,325,000
7000-7050-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$12,672	\$0	\$12,672
2600-2760-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$31,400	\$0	\$31,400
2600-2760-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$3,140,000	\$0	\$3,140,000
2600-2760-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$30,037	\$0	\$30,037
2509-2629-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$1,230	\$0	\$1,230
2509-2629-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$123,000	\$0	\$123,000
2509-2629-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$1,173	\$0	\$1,173
2400-2550-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$3,680	\$0	\$3,680
2400-2550-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$368,000	\$0	\$368,000
2400-2550-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$3,520	\$0	\$3,520
2163-2223-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$1,230	\$0	\$1,230
2163-2223-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$123,000	\$0	\$123,000
2163-2223-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$1,173	\$0	\$1,173
2050-2140-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$3,680	\$0	\$3,680
2050-2140-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$368,000	\$0	\$368,000
2050-2140-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$3,520	\$0	\$3,520
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$2,197,502</b>	<b>\$0</b>	<b>\$12,802,498</b>	<b>\$0</b>	<b>\$15,000,000</b>
<u>Impact Fee Study</u>										
CD00007 (Page Number 73)										
7937-7937-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7932-7932-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7941-7941-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7942-7942-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7943-7943-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7003-7053-520099	ational Fac	SY	Base	\$0	\$0	\$0	\$0	\$53,200	\$53,200	\$106,400
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98,200</b>	<b>\$98,200</b>	<b>\$196,400</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>LED Lighting Retrofit</u>										
PW00514	(Page Number 74)									
1970-1970-542006	ational Fac	EQ	Base	\$472,442	\$0	\$0	\$0	\$0	\$0	\$472,442
			<b>Project Total</b>	<b>\$472,442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$472,442</b>
<u>MOC Site Lighting Improvements</u>										
PW00402	(Page Number 76)									
4550-4550-541003	ational Fac	OT	Carryover	\$380,000	\$0	\$0	\$0	\$0	\$0	\$380,000
			<b>Project Total</b>	<b>\$380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$380,000</b>
<u>Neighborhood and Human Services ADA Compliance</u>										
NH00006	(Page Number 77)									
1000-0310-541003	ational Fac	OT	Base	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
			<b>Project Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>
<u>Network Infrastructure Replacement - Beardsley WRF</u>										
IT00011	(Page Number 78)									
3400-3800-541003	ational Fac	EQ	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
			<b>Project Total</b>	<b>\$94,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,000</b>
<u>Network Infrastructure Replacement - Butler WRF</u>										
IT00013	(Page Number 79)									
3400-3800-541003	ational Fac	EQ	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
			<b>Project Total</b>	<b>\$94,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,000</b>
<u>Network Infrastructure Replacement - Fire Stations</u>										
IT00009	(Page Number 80)									
3400-3800-541003	ational Fac	EQ	Carryover	\$165,700	\$0	\$0	\$0	\$0	\$0	\$165,700
			<b>Project Total</b>	<b>\$165,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$165,700</b>
<u>Network Infrastructure Replacement - Greenway WTP</u>										
IT00010	(Page Number 81)									
3400-3800-541003	ational Fac	EQ	Base	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94,000
			<b>Project Total</b>	<b>\$94,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,000</b>
<u>Network Infrastructure Replacement - Jomax WTF</u>										
IT00012	(Page Number 82)									
3400-3800-541003	ational Fac	EQ	Base	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
			<b>Project Total</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$70,000</b>
<u>Network Infrastructure Replacement - MOC</u>										
IT00014	(Page Number 83)									
3400-3800-541003	ational Fac	EQ	Base	\$116,000	\$0	\$0	\$0	\$0	\$0	\$116,000
			<b>Project Total</b>	<b>\$116,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$116,000</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Network Infrastructure Replacement - Pioneer Park</u>										
IT00031	(Page Number 84)									
3400-3800-541003	ational Fac	EQ	Base	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
			<b>Project Total</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>
<u>Network Infrastructure Replacement - Quintero WTF</u>										
IT00017	(Page Number 85)									
3400-3800-541003	ational Fac	EQ	Base	\$64,000	\$0	\$0	\$0	\$0	\$0	\$64,000
			<b>Project Total</b>	<b>\$64,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64,000</b>
<u>Network Infrastructure Replacement - WiFi</u>										
IT00036	(Page Number 86)									
3400-3800-541003	ational Fac	EQ	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
			<b>Project Total</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>
<u>Network Infrastructure Replacement-Sunrise Library</u>										
IT00025	(Page Number 87)									
3400-3800-541003	ational Fac	EQ	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
			<b>Project Total</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
<u>Peoria Center for Performing Arts Chiller</u>										
PW00080	(Page Number 88)									
1111-0120-541003	ational Fac	EQ	Base	\$63,569	\$0	\$0	\$0	\$0	\$0	\$63,569
1000-0310-520099	ational Fac	OT	Carryover	\$9,115	\$0	\$0	\$0	\$0	\$0	\$9,115
1000-0310-524002	ational Fac	OT	Carryover	\$524	\$0	\$0	\$0	\$0	\$0	\$524
1111-0120-541003	ational Fac	OT	Carryover	\$475,000	\$0	\$0	\$0	\$0	\$0	\$475,000
			<b>Project Total</b>	<b>\$548,208</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$548,208</b>
<u>Peoria Center for Performing Arts Storage Building</u>										
NH00002	(Page Number 89)									
1111-0120-541002	ational Fac	CO	Base	\$217,696	\$0	\$0	\$0	\$0	\$0	\$217,696
1111-0120-541002	ational Fac	DS	Base	\$53,225	\$0	\$0	\$0	\$0	\$0	\$53,225
			<b>Project Total</b>	<b>\$270,921</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270,921</b>
<u>Peoria Center for the Performing Arts - ADA Study</u>										
NH00004	(Page Number 90)									
1111-0120-520099	ational Fac	SY	Base	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
			<b>Project Total</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$70,000</b>
<u>Peoria Transit Center</u>										
PW00325	(Page Number 91)									
4810-4810-540500	ational Fac	CO	Base	\$0	\$0	\$0	\$0	\$0	\$2,367,371	\$2,367,371
4810-4810-540500	ational Fac	DS	Base	\$0	\$0	\$0	\$0	\$0	\$156,575	\$156,575
4810-4810-544001	ational Fac	CB	Base	\$0	\$0	\$0	\$0	\$0	\$43,225	\$43,225
			<b>Project Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,567,171</b>	<b>\$2,567,171</b>

## Operational Facilities

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Public Safety Building Needs</u>										
PW00090	(Page Number 92)									
1970-1970-541002	ational Fac	CO	Base	\$105,000	\$0	\$0	\$0	\$0	\$0	\$105,000
1970-1970-541003	ational Fac	EQ	Base	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
			<b>Project Total</b>	<b>\$305,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$305,000</b>
<u>Radio Subscriber Replacements</u>										
IT00018	(Page Number 93)									
3400-3800-541003	ational Fac	EQ	Base	\$549,535	\$254,000	\$254,000	\$254,000	\$0	\$0	\$1,311,535
			<b>Project Total</b>	<b>\$549,535</b>	<b>\$254,000</b>	<b>\$254,000</b>	<b>\$254,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,311,535</b>
<u>Renovate Main Library</u>										
PW00509	(Page Number 94)									
4254-4254-525515	ational Fac	AT	Base	\$0	\$12,010	\$0	\$0	\$0	\$0	\$12,010
4254-4254-540500	ational Fac	CO	Base	\$1,200,990	\$1,200,990	\$0	\$0	\$0	\$0	\$2,401,980
4254-4254-540500	ational Fac	DS	Base	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
4254-4254-544001	ational Fac	CB	Base	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
4253-4253-520099	ational Fac	OT	Carryover	\$22,864	\$0	\$0	\$0	\$0	\$0	\$22,864
4253-4253-540500	ational Fac	CO	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
4253-4253-541003	ational Fac	OT	Carryover	\$150,841	\$0	\$0	\$0	\$0	\$0	\$150,841
			<b>Project Total</b>	<b>\$1,774,695</b>	<b>\$1,288,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,062,695</b>
<u>Roof Replacement</u>										
PW00150	(Page Number 95)									
4254-4254-525515	ational Fac	AT	Base	\$0	\$0	\$0	\$0	\$0	\$13,969	\$13,969
4254-4254-541002	ational Fac	CO	Base	\$350,000	\$0	\$0	\$0	\$0	\$1,396,890	\$1,746,890
			<b>Project Total</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,410,859</b>	<b>\$1,760,859</b>
<u>Vistancia Radio Site</u>										
IT00034	(Page Number 96)									
7940-7940-541003	ational Fac	EQ	Carryover	\$1,360,000	\$0	\$0	\$0	\$0	\$0	\$1,360,000
4253-4253-541003	ational Fac	EQ	Carryover	\$640,000	\$0	\$0	\$0	\$0	\$0	\$640,000
			<b>Project Total</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>
<b>Total - Operational Facilities</b>				<b>16,443,183</b>	<b>\$1,617,000</b>	<b>\$2,805,002</b>	<b>\$254,000</b>	<b>13,102,698</b>	<b>\$4,278,230</b>	<b>\$38,500,113</b>

## Parks & Recreation

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>99th Ave and Olive Trailhead</u>										
CS00088	(Page Number 101)									
4254-4254-525515	s & Recre:	AT	Base	\$0	\$23,201	\$0	\$0	\$0	\$0	\$23,201
4254-4254-543005	s & Recre:	CO	Base	\$0	\$2,320,133	\$0	\$0	\$0	\$0	\$2,320,133
4810-4810-520099	s & Recre:	OT	Carryover	\$82,500	\$0	\$0	\$0	\$0	\$0	\$82,500
<b>Project Total</b>				<b>\$82,500</b>	<b>\$2,343,334</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,425,834</b>
<u>AFR Trail; Jomax Rd to CAP &amp; CAP to LPP</u>										
CS00176	(Page Number 102)									
4254-4254-520099	s & Recre:	SY	Base	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
4254-4254-544001	s & Recre:	CB	Base	\$0	\$12,800	\$0	\$0	\$0	\$0	\$12,800
<b>Project Total</b>				<b>\$0</b>	<b>\$212,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,800</b>
<u>Ball Field Lighting</u>										
CS00195	(Page Number 103)									
4254-4254-543005	s & Recre:	CO	Base	\$40,150	\$0	\$0	\$0	\$0	\$0	\$40,150
4253-4253-543005	s & Recre:	CO	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
<b>Project Total</b>				<b>\$340,150</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$340,150</b>
<u>Centennial Plaza Decades Walk Expansion 10-20 Yrs</u>										
CS00229	(Page Number 104)									
1000-0310-543005	s & Recre:	CO	Base	\$130,483	\$0	\$0	\$0	\$0	\$0	\$130,483
1000-0310-543005	s & Recre:	DS	Base	\$37,814	\$0	\$0	\$0	\$0	\$0	\$37,814
<b>Project Total</b>				<b>\$168,297</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$168,297</b>
<u>Community Services Master Plan</u>										
CS00067	(Page Number 105)									
7942-7942-520099	s & Recre:	SY	Base	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
7943-7943-520099	s & Recre:	SY	Base	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
1000-0310-520099	s & Recre:	SY	Base	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
4550-4550-520099	s & Recre:	SY	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Project Total</b>				<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>
<u>Country Meadows Park Improvements</u>										
CS00203	(Page Number 106)									
4254-4254-543005	s & Recre:	CO	Base	\$1,390,468	\$0	\$0	\$0	\$0	\$0	\$1,390,468
4254-4254-543005	s & Recre:	CO	Carryover	\$191,690	\$0	\$0	\$0	\$0	\$0	\$191,690
<b>Project Total</b>				<b>\$1,582,158</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,582,158</b>
<u>Inclusive Playground at Rio Vista Community Park</u>										
CS00205	(Page Number 107)									
4254-4254-543005	s & Recre:	CO	Base	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000
<b>Project Total</b>				<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>

## Parks & Recreation

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Irrigation and Turf Improvements Program</u>										
CS00208 (Page Number 108)										
1000-0310-524004	s & Recre:	OT	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Project Total</b>				<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>
<u>Mountain Trail Improvements</u>										
CS00217 (Page Number 109)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$4,300	\$0	\$0	\$0	\$4,300
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$430,000	\$0	\$0	\$0	\$430,000
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$37,000	\$0	\$0	\$0	\$37,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$471,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$471,300</b>
<u>Neighborhood Parks Refresh Program</u>										
CS00019 (Page Number 110)										
1000-0310-543005	s & Recre:	CO	Base	\$309,196	\$0	\$0	\$0	\$0	\$0	\$309,196
1000-0310-524004	s & Recre:	OT	Carryover	\$270,000	\$0	\$0	\$0	\$0	\$0	\$270,000
<b>Project Total</b>				<b>\$579,196</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$579,196</b>
<u>New River Trail - Happy Valley Rd to Jomax</u>										
CS00165 (Page Number 111)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$0	\$0	\$0	\$22,500	\$22,500
4254-4254-540000	s & Recre:	LA	Base	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$1,400,000
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
4254-4254-543005	s & Recre:	DS	Base	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$0	\$0	\$0	\$222,000	\$222,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,894,500</b>	<b>\$3,894,500</b>
<u>New River Trail - Villa Lindo and Pinnacle Pk</u>										
CS00196 (Page Number 112)										
4254-4254-520099	s & Recre:	SY	Base	\$0	\$0	\$0	\$0	\$0	\$160,000	\$160,000
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$0	\$0	\$0	\$23,500	\$23,500
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$0	\$0	\$0	\$2,100,000	\$2,100,000
4254-4254-543005	s & Recre:	DS	Base	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$0	\$0	\$0	\$153,000	\$153,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,686,500</b>	<b>\$2,686,500</b>
<u>New River Trail Connections</u>										
CS00202 (Page Number 113)										
4254-4254-543005	s & Recre:	CO	Base	\$100,200	\$210,300	\$0	\$0	\$0	\$0	\$310,500
<b>Project Total</b>				<b>\$100,200</b>	<b>\$210,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310,500</b>

## Parks & Recreation

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>New River Trail; Williams Rd to Happy Valley Rd</u>										
CS00128 (Page Number 114)										
7915-7915-543005	s & Recre:	CO	Base	\$103,960	\$0	\$0	\$0	\$0	\$0	\$103,960
7920-7920-543005	s & Recre:	CO	Base	\$45,503	\$0	\$0	\$0	\$0	\$0	\$45,503
4254-4254-543005	s & Recre:	CO	Base	\$406,602	\$0	\$0	\$0	\$0	\$0	\$406,602
7920-7920-540000	s & Recre:	LA	Carryover	\$20,611	\$0	\$0	\$0	\$0	\$0	\$20,611
7920-7920-543005	s & Recre:	CO	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
4253-4253-543005	s & Recre:	CO	Carryover	\$105,263	\$0	\$0	\$0	\$0	\$0	\$105,263
4150-4150-540000	s & Recre:	LA	Carryover	\$142,500	\$0	\$0	\$0	\$0	\$0	\$142,500
<b>Project Total</b>				<b>\$1,074,439</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,074,439</b>
<u>NRT - Jomax Rd to CAP and CAP to LPP</u>										
CS00162 (Page Number 115)										
4254-4254-520099	s & Recre:	SY	Base	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$0	\$12,800	\$0	\$0	\$12,800
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,800</b>
<u>Paloma Community Park</u>										
CS00059 (Page Number 116)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$17,469	\$18,710	\$168,392	\$0	\$0	\$204,571
4254-4254-542003	s & Recre:	EQ	Base	\$0	\$0	\$0	\$555,300	\$0	\$0	\$555,300
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$1,871,018	\$16,839,158	\$0	\$0	\$18,710,176
4254-4254-543005	s & Recre:	DS	Base	\$0	\$1,746,864	\$0	\$0	\$0	\$0	\$1,746,864
4254-4254-544001	s & Recre:	CB	Base	\$0	\$114,660	\$114,660	\$114,660	\$0	\$0	\$343,980
7910-7910-543005	s & Recre:	CO	Carryover	\$1,378,865	\$0	\$0	\$0	\$0	\$0	\$1,378,865
7942-7942-542003	s & Recre:	EQ	Carryover	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
7942-7942-543005	s & Recre:	CO	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
7943-7943-543005	s & Recre:	CO	Carryover	\$2,840,000	\$0	\$0	\$0	\$0	\$0	\$2,840,000
4253-4253-543005	s & Recre:	CO	Carryover	\$17,000,000	\$0	\$0	\$0	\$0	\$0	\$17,000,000
4253-4253-543007	s & Recre:	CO	Carryover	\$371,534	\$0	\$0	\$0	\$0	\$0	\$371,534
7907-7907-543005	s & Recre:	CO	Carryover	\$32,922	\$0	\$0	\$0	\$0	\$0	\$32,922
4550-4550-543005	s & Recre:	CO	Carryover	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000
<b>Project Total</b>				<b>33,373,321</b>	<b>\$1,878,993</b>	<b>\$2,004,388</b>	<b>17,677,510</b>	<b>\$0</b>	<b>\$0</b>	<b>\$54,934,212</b>
<u>Paloma Community Park Trails</u>										
CS00218 (Page Number 117)										
4254-4254-520099	s & Recre:	SY	Base	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$3,750	\$0	\$0	\$0	\$3,750
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
4254-4254-543005	s & Recre:	DS	Base	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$403,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$403,750</b>

## Parks & Recreation

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Park and Recreation Facility Refurbishment</u>										
CS00185 (Page Number 118)										
1000-0310-541003	s & Recre:	OT	Base	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
1000-0310-543005	s & Recre:	CO	Carryover	\$143,000	\$0	\$0	\$0	\$0	\$0	\$143,000
<b>Project Total</b>				<b>\$1,643,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,643,000</b>
<u>Parks, Recreation, Community Fac ADA Compliance</u>										
CS00177 (Page Number 119)										
1000-0310-543005	s & Recre:	CO	Carryover	\$255,000	\$0	\$0	\$0	\$0	\$0	\$255,000
<b>Project Total</b>				<b>\$255,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>
<u>Retention Basin Refresh Program</u>										
CS00004 (Page Number 120)										
1000-0310-543005	s & Recre:	CO	Base	\$209,164	\$0	\$0	\$0	\$0	\$0	\$209,164
1000-0310-524004	s & Recre:	OT	Carryover	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
<b>Project Total</b>				<b>\$224,164</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$224,164</b>
<u>Rio Vista Skate Park</u>										
CS00215 (Page Number 121)										
1000-0310-520099	s & Recre:	SY	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
1000-0310-525515	s & Recre:	AT	Base	\$0	\$2,000	\$0	\$0	\$0	\$0	\$2,000
1000-0310-543005	s & Recre:	CO	Base	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
1000-0310-543005	s & Recre:	DS	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>Project Total</b>				<b>\$50,000</b>	<b>\$202,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$252,000</b>
<u>Senator McCain Vietnam Veterans Memorial Plaza</u>										
CS00223 (Page Number 122)										
1000-0310-543005	s & Recre:	CO	Base	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
1000-0310-543005	s & Recre:	DS	Base	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
4810-4810-543005	s & Recre:	CO	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
<b>Project Total</b>				<b>\$260,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260,000</b>
<u>Skunk Creek Multi-Use Path</u>										
CS00146 (Page Number 123)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$4,621	\$4,641	\$0	\$0	\$0	\$9,262
4254-4254-543005	s & Recre:	CO	Base	\$0	\$239,060	\$464,059	\$0	\$0	\$0	\$703,119
4254-4254-543005	s & Recre:	DS	Base	\$0	\$223,032	\$0	\$0	\$0	\$0	\$223,032
4254-4254-544001	s & Recre:	CB	Base	\$0	\$59,479	\$59,479	\$0	\$0	\$0	\$118,958
4810-4810-543005	s & Recre:	CO	Base	\$0	\$0	\$1,545,788	\$0	\$0	\$0	\$1,545,788
<b>Project Total</b>				<b>\$0</b>	<b>\$526,192</b>	<b>\$2,073,967</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,600,159</b>

## Parks & Recreation

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Sonoran Mountain Ranch Park Improvements</u>										
CS00204 (Page Number 124)										
4254-4254-543005	s & Recre:	CO	Base	\$337,121	\$0	\$0	\$0	\$0	\$0	\$337,121
4254-4254-543005	s & Recre:	CO	Carryover	\$46,476	\$0	\$0	\$0	\$0	\$0	\$46,476
<b>Project Total</b>				<b>\$383,597</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$383,597</b>
<u>Sunrise Mountain Trailhead</u>										
CS00206 (Page Number 125)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$5,393	\$26,403	\$0	\$0	\$31,796
4254-4254-540000	s & Recre:	LA	Base	\$0	\$0	\$1,000	\$0	\$0	\$0	\$1,000
4254-4254-542003	s & Recre:	EQ	Base	\$0	\$0	\$0	\$10,500	\$0	\$0	\$10,500
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$0	\$2,640,322	\$0	\$0	\$2,640,322
4254-4254-543005	s & Recre:	DS	Base	\$0	\$0	\$539,250	\$0	\$0	\$0	\$539,250
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$33,930	\$33,930	\$0	\$0	\$67,860
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$579,573</b>	<b>\$2,711,155</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,290,728</b>
<u>The Meadows Neighborhood Park</u>										
CS00086 (Page Number 126)										
4253-4253-543005	s & Recre:	CO	Carryover	\$3,337,418	\$0	\$0	\$0	\$0	\$0	\$3,337,418
4550-4550-543005	s & Recre:	CO	Carryover	\$1,100,103	\$0	\$0	\$0	\$0	\$0	\$1,100,103
<b>Project Total</b>				<b>\$4,437,521</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,437,521</b>
<u>Trailhead at Vistancia</u>										
CS00159 (Page Number 127)										
4254-4254-525515	s & Recre:	AT	Base	\$0	\$0	\$0	\$0	\$0	\$24,009	\$24,009
4254-4254-540000	s & Recre:	LA	Base	\$0	\$0	\$0	\$0	\$0	\$404,000	\$404,000
4254-4254-543005	s & Recre:	CO	Base	\$0	\$0	\$0	\$0	\$0	\$2,068,329	\$2,068,329
4254-4254-543005	s & Recre:	DS	Base	\$0	\$0	\$0	\$0	\$0	\$332,649	\$332,649
4254-4254-544001	s & Recre:	CB	Base	\$0	\$0	\$0	\$0	\$0	\$95,896	\$95,896
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,924,883</b>	<b>\$2,924,883</b>
<u>Westwing Park - ADA Connection to Maya Way</u>										
CS00230 (Page Number 128)										
4550-4550-543005	s & Recre:	CO	Base	\$183,563	\$0	\$0	\$0	\$0	\$0	\$183,563
4550-4550-543005	s & Recre:	DS	Base	\$28,435	\$0	\$0	\$0	\$0	\$0	\$28,435
<b>Project Total</b>				<b>\$211,998</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$211,998</b>
<b>Total - Parks &amp; Recreation</b>				<b>46,315,541</b>	<b>\$5,373,619</b>	<b>\$5,532,978</b>	<b>20,901,465</b>	<b>\$0</b>	<b>\$9,505,883</b>	<b>\$87,629,486</b>

## Public Safety

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Fire Station No. 2 Dorm Expansion</u>										
FD00011	(Page Number 132)									
4254-4254-541002	ublic Safet	DS	Base	\$197,867	\$0	\$0	\$0	\$0	\$0	\$197,867
4254-4254-541002	ublic Safet	OT	Base	\$46,868	\$0	\$0	\$0	\$0	\$0	\$46,868
<b>Project Total</b>				<b>\$244,735</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$244,735</b>
<u>Fire Station No. 7 Jomax Emergency Traffic Signal</u>										
FD13101	(Page Number 133)									
7935-7935-525515	ublic Safet	AT	Base	\$0	\$4,805	\$0	\$0	\$0	\$0	\$4,805
7935-7935-540000	ublic Safet	LA	Base	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
7935-7935-540500	ublic Safet	CO	Base	\$0	\$480,500	\$0	\$0	\$0	\$0	\$480,500
7935-7935-540500	ublic Safet	DS	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
7935-7935-544001	ublic Safet	CB	Base	\$0	\$24,000	\$0	\$0	\$0	\$0	\$24,000
<b>Project Total</b>				<b>\$110,000</b>	<b>\$509,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$619,305</b>
<u>Fire Support Services Building Fiber Installation</u>										
FD00020	(Page Number 134)									
1000-0310-540500	ublic Safet	CO	Base	\$131,000	\$0	\$0	\$0	\$0	\$0	\$131,000
1000-0310-540500	ublic Safet	DS	Base	\$16,000	\$0	\$0	\$0	\$0	\$0	\$16,000
1000-0310-540500	ublic Safet	OT	Base	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
<b>Project Total</b>				<b>\$157,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157,000</b>
<u>Mobile and Portable Radios Replacement</u>										
FD00014	(Page Number 135)									
4550-4550-542001	ublic Safet	EQ	Base	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
<b>Project Total</b>				<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>
<u>Self-Contained Breathing Apparatus</u>										
FD00017	(Page Number 136)									
1000-310-541003	ublic Safet	EQ	Carryover	\$1,765,000	\$0	\$0	\$0	\$0	\$0	\$1,765,000
<b>Project Total</b>				<b>\$1,765,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,765,000</b>
<b>Total - Public Safety</b>				<b>\$4,276,735</b>	<b>\$509,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,786,040</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>103rd Av; Northern Ave to Olive Ave -Full Street</u>										
EN00422 (Page Number 143)										
7001-7051-543001	Streets	CO	Carryover	\$718,700	\$0	\$0	\$0	\$0	\$0	\$718,700
7010-7075-540000	Streets	LA	Carryover	\$395,000	\$0	\$0	\$0	\$0	\$0	\$395,000
7010-7075-543001	Streets	CO	Carryover	\$1,542,242	\$0	\$0	\$0	\$0	\$0	\$1,542,242
<b>Project Total</b>				<b>\$2,655,942</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,655,942</b>
<u>107th Av; Williams Rd to Hatfield Rd DCR</u>										
EN00636 (Page Number 144)										
7003-7053-520099	Streets	SY	Base	\$273,000	\$0	\$0	\$0	\$0	\$0	\$273,000
<b>Project Total</b>				<b>\$273,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$273,000</b>
<u>67th Av; Olive Av to Redfield Rd Landscape Enhance</u>										
EN00593 (Page Number 145)										
7010-7075-543001	Streets	CO	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>Project Total</b>				<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>
<u>67th Ave Widening; Pinnacle Peak to Happy Valley</u>										
EN00100 (Page Number 146)										
7003-7053-525515	Streets	AT	Base	\$0	\$9,050	\$5,500	\$34,183	\$0	\$0	\$48,733
7003-7053-543001	Streets	CO	Base	\$0	\$0	\$550,000	\$3,418,348	\$0	\$0	\$3,968,348
7003-7053-543001	Streets	DS	Base	\$0	\$905,000	\$0	\$0	\$0	\$0	\$905,000
7003-7053-544001	Streets	CB	Base	\$0	\$11,312	\$15,000	\$38,000	\$0	\$0	\$64,312
4254-4254-540000	Streets	LA	Base	\$0	\$0	\$582,000	\$0	\$0	\$0	\$582,000
7010-7075-520099	Streets	OT	Carryover	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000
<b>Project Total</b>				<b>\$140,000</b>	<b>\$925,362</b>	<b>\$1,152,500</b>	<b>\$3,490,531</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,708,393</b>
<u>75th Av; Grand Av to Tbird Rd Landscape Enhancemnt</u>										
EN00592 (Page Number 147)										
7010-7075-543001	Streets	CO	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Project Total</b>				<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>
<u>83rd Ave Bus Shelters</u>										
EN00582 (Page Number 148)										
4810-4810-540000	Streets	LA	Carryover	\$2,825	\$0	\$0	\$0	\$0	\$0	\$2,825
4810-4810-543001	Streets	CO	Carryover	\$89,092	\$0	\$0	\$0	\$0	\$0	\$89,092
<b>Project Total</b>				<b>\$91,917</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$91,917</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>85th Av &amp; Olive Av Traffic Signal</u>										
EN00657 (Page Number 149)										
7010-7075-525515	Streets	AT	Base	\$0	\$0	\$0	\$0	\$1,000	\$11,000	\$12,000
7010-7075-540000	Streets	LA	Base	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
7010-7075-543001	Streets	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000
7010-7075-543001	Streets	DS	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
7010-7075-544001	Streets	CB	Base	\$0	\$0	\$0	\$0	\$27,000	\$94,000	\$121,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$128,000</b>	<b>\$1,305,000</b>	<b>\$1,433,000</b>
<u>87th Av &amp; Peoria Av Intersection Alignment</u>										
PW00109 (Page Number 150)										
7010-7075-540000	Streets	LA	Carryover	\$49,325	\$0	\$0	\$0	\$0	\$0	\$49,325
<b>Project Total</b>				<b>\$49,325</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,325</b>
<u>91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemn</u>										
EN00594 (Page Number 151)										
7010-7075-543001	Streets	CO	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Project Total</b>				<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>
<u>ADA Accessibility</u>										
PW00025 (Page Number 152)										
7000-7050-520099	Streets	SY	Base	\$0	\$50,600	\$0	\$50,600	\$0	\$151,800	\$253,000
7000-7050-525515	Streets	AT	Base	\$0	\$1,000	\$5,574	\$1,000	\$5,574	\$14,148	\$27,296
7000-7050-543001	Streets	CO	Base	\$557,426	\$100,000	\$557,426	\$100,000	\$557,426	\$1,414,852	\$3,287,130
7000-7050-544001	Streets	CB	Base	\$0	\$8,400	\$12,000	\$8,400	\$12,000	\$49,200	\$90,000
7000-7050-520099	Streets	OT	Carryover	\$109,965	\$0	\$0	\$0	\$0	\$0	\$109,965
7000-7050-543001	Streets	CO	Carryover	\$61,690	\$0	\$0	\$0	\$0	\$0	\$61,690
<b>Project Total</b>				<b>\$729,081</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$160,000</b>	<b>\$575,000</b>	<b>\$1,630,000</b>	<b>\$3,829,081</b>
<u>Bridge Maintenance &amp; Guardrail Replacement Program</u>										
EN00243 (Page Number 153)										
7010-7075-525515	Streets	AT	Base	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000	\$27,000
7010-7075-543001	Streets	CO	Base	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,500,000
7010-7075-543001	Streets	DS	Base	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$500,000
7010-7075-544001	Streets	CB	Base	\$0	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000	\$216,000
7010-7075-543001	Streets	CO	Carryover	\$203,416	\$0	\$0	\$0	\$0	\$0	\$203,416
<b>Project Total</b>				<b>\$503,416</b>	<b>\$327,000</b>	<b>\$327,000</b>	<b>\$327,000</b>	<b>\$327,000</b>	<b>\$1,635,000</b>	<b>\$3,446,416</b>
<u>Cactus Rd - 67th Av-83rd Av Landscape Enhancement</u>										
EN00689 (Page Number 154)										
7010-7075-543001	Streets	CO	Base	\$0	\$0	\$0	\$0	\$0	\$2,083,498	\$2,083,498
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,083,498</b>	<b>\$2,083,498</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Cactus Rd &amp; 69th Av Sidewalk, North Side</u>										
EN00550 (Page Number 155)										
7010-7075-543001	Streets	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
<u>Chip Seal Rural Maintenance</u>										
PW00163 (Page Number 156)										
7000-7050-525515	Streets	AT	Base	\$0	\$0	\$0	\$0	\$0	\$4,195	\$4,195
7000-7050-543001	Streets	CO	Base	\$460,396	\$0	\$0	\$0	\$0	\$419,500	\$879,896
<b>Project Total</b>				<b>\$460,396</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$423,695</b>	<b>\$884,091</b>
<u>City Parks Parking Lots - Asphalt Replacement</u>										
PW00995 (Page Number 157)										
4254-4254-543001	Streets	OT	Base	\$125,000	\$150,000	\$0	\$261,000	\$0	\$611,000	\$1,147,000
<b>Project Total</b>				<b>\$125,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$261,000</b>	<b>\$0</b>	<b>\$611,000</b>	<b>\$1,147,000</b>
<u>Deer Valley Rd and 95th Av Traffic Signal</u>										
EN00642 (Page Number 158)										
7009-7059-543001	Streets	CO	Carryover	\$670,100	\$0	\$0	\$0	\$0	\$0	\$670,100
<b>Project Total</b>				<b>\$670,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$670,100</b>
<u>Deer Valley Rd: 109th Ave to Lake Pleasant Pkwy</u>										
EN00395 (Page Number 159)										
4150-4150-540000	Streets	LA	Base	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
4150-4150-543001	Streets	CO	Base	\$365,347	\$0	\$0	\$0	\$0	\$0	\$365,347
7010-7075-543001	Streets	CO	Base	\$234,653	\$0	\$0	\$0	\$0	\$0	\$234,653
7010-7075-540000	Streets	LA	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
7010-7075-543001	Streets	CO	Carryover	\$533,499	\$0	\$0	\$0	\$0	\$0	\$533,499
<b>Project Total</b>				<b>\$1,293,499</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,293,499</b>
<u>El Mirage Rd: Blackstone Dr to Westland Rd</u>										
EN00699 (Page Number 160)										
7006-7056-543001	Streets	CO	Base	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$1,870,000
<b>Project Total</b>				<b>\$1,870,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,870,000</b>
<u>Happy Valley Pkwy Widening: LPP to Agua Fria</u>										
EN00463 (Page Number 161)										
7003-7053-543001	Streets	CO	Carryover	\$5,166,686	\$0	\$0	\$0	\$0	\$0	\$5,166,686
4253-4253-540000	Streets	LA	Carryover	\$73,472	\$0	\$0	\$0	\$0	\$0	\$73,472
4253-4253-543001	Streets	CO	Carryover	\$2,080,641	\$0	\$0	\$0	\$0	\$0	\$2,080,641
4810-4810-543001	Streets	CO	Carryover	\$4,892,094	\$0	\$0	\$0	\$0	\$0	\$4,892,094
7010-7075-543001	Streets	CO	Carryover	\$7,775,223	\$0	\$0	\$0	\$0	\$0	\$7,775,223
<b>Project Total</b>				<b>19,988,116</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,988,116</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Jomax Rd Improvements: 72nd Dr to 75th Ave</u>										
EN00591 (Page Number 162)										
7003-7053-525515	Streets	AT	Base	\$0	\$21,000	\$0	\$0	\$0	\$0	\$21,000
7003-7053-540000	Streets	LA	Base	\$340,000	\$0	\$0	\$0	\$0	\$0	\$340,000
7003-7053-543001	Streets	CO	Base	\$0	\$2,100,000	\$0	\$0	\$0	\$0	\$2,100,000
7003-7053-544001	Streets	CB	Base	\$0	\$81,000	\$0	\$0	\$0	\$0	\$81,000
7003-7053-540000	Streets	LA	Carryover	\$282,336	\$0	\$0	\$0	\$0	\$0	\$282,336
7003-7053-543001	Streets	CO	Carryover	\$1,085,570	\$0	\$0	\$0	\$0	\$0	\$1,085,570
<b>Project Total</b>				<b>\$1,707,906</b>	<b>\$2,202,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,909,906</b>
<u>Jomax Rd: Loop 303 to Vistancia Blvd</u>										
EN00585 (Page Number 163)										
7010-7075-525515	Streets	AT	Base	\$0	\$59,000	\$0	\$0	\$0	\$0	\$59,000
7010-7075-540000	Streets	LA	Base	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
7010-7075-543001	Streets	CO	Base	\$0	\$5,900,000	\$0	\$0	\$0	\$0	\$5,900,000
7010-7075-544001	Streets	CB	Base	\$0	\$182,000	\$0	\$0	\$0	\$0	\$182,000
2050-2140-543001	Streets	CO	Base	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
7010-7075-520099	Streets	OT	Carryover	\$43,896	\$0	\$0	\$0	\$0	\$0	\$43,896
7010-7075-543001	Streets	CO	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
<b>Project Total</b>				<b>\$2,643,896</b>	<b>\$6,141,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,784,896</b>
<u>Lake Pleasant Parkway Sidewalk</u>										
EN00480 (Page Number 165)										
7010-7075-543001	Streets	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
<u>Lake Pleasant Pkwy &amp; Dixileta Dr Intersection Mods</u>										
EN00588 (Page Number 166)										
7010-7075-543001	Streets	CO	Carryover	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
<b>Project Total</b>				<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>
<u>Major Street Repairs</u>										
PW00027 (Page Number 167)										
7000-7050-525515	Streets	AT	Base	\$0	\$1,500	\$1,500	\$1,500	\$1,500	\$7,500	\$13,500
7000-7050-543001	Streets	CO	Base	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$1,500,000
<b>Project Total</b>				<b>\$150,000</b>	<b>\$151,500</b>	<b>\$151,500</b>	<b>\$151,500</b>	<b>\$151,500</b>	<b>\$757,500</b>	<b>\$1,513,500</b>
<u>Northern Parkway</u>										
EN00142 (Page Number 168)										
7010-7075-525515	Streets	AT	Base	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$66,567	\$106,567
7010-7075-543001	Streets	CO	Base	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,656,677	\$11,656,677
7010-7075-544001	Streets	CB	Base	\$0	\$11,500	\$11,500	\$11,500	\$11,500	\$89,500	\$135,500
<b>Project Total</b>				<b>\$1,000,000</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$1,021,500</b>	<b>\$6,812,744</b>	<b>\$11,898,744</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Paradise RV Entrance &amp; Union Hills Dr Modification</u>										
EN00614 (Page Number 169)										
7010-7075-543001	Streets	CO	Base	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
7010-7075-543001	Streets	DS	Base	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
<b>Project Total</b>				<b>\$380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$380,000</b>
<u>Pavement Management Program - Preservation</u>										
PW00138 (Page Number 170)										
7000-7050-525515	Streets	AT	Base	\$0	\$27,228	\$27,228	\$27,228	\$27,228	\$136,140	\$245,052
7000-7050-543001	Streets	CO	Base	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$2,722,772	\$13,613,860	\$27,227,720
7010-7075-525515	Streets	AT	Base	\$0	\$7,426	\$7,426	\$7,426	\$7,426	\$37,130	\$66,834
7010-7075-543001	Streets	CO	Base	\$742,574	\$742,574	\$742,574	\$742,574	\$742,574	\$3,712,870	\$7,425,740
<b>Project Total</b>				<b>\$3,465,346</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>17,500,000</b>	<b>\$34,965,346</b>
<u>Pavement Management Program - Rehabilitation</u>										
PWI3000 (Page Number 172)										
7000-7050-525515	Streets	AT	Base	\$0	\$12,871	\$12,871	\$12,871	\$12,871	\$64,355	\$115,839
7000-7050-543001	Streets	CO	Base	\$5,296,188	\$1,262,129	\$1,287,129	\$1,262,129	\$1,287,129	\$5,865,595	\$16,260,299
7000-7050-543001	Streets	DS	Base	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000	\$125,000
4550-4550-543001	Streets	CO	Base	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000
7010-7075-525515	Streets	AT	Base	\$0	\$12,377	\$12,377	\$12,377	\$12,377	\$61,885	\$111,393
7010-7075-543001	Streets	CO	Base	\$2,700,000	\$1,204,950	\$1,237,623	\$1,204,950	\$1,237,623	\$6,090,096	\$13,675,242
7010-7075-543001	Streets	DS	Base	\$0	\$32,673	\$0	\$32,673	\$0	\$98,019	\$163,365
<b>Project Total</b>				<b>\$8,846,188</b>	<b>\$2,550,000</b>	<b>\$2,550,000</b>	<b>\$2,550,000</b>	<b>\$2,550,000</b>	<b>12,254,950</b>	<b>\$31,301,138</b>
<u>Peoria Auto District</u>										
EN00556 (Page Number 173)										
1210-0350-520099	ational Fac	OT	Carryover	\$204,064	\$0	\$0	\$0	\$0	\$0	\$204,064
1210-0350-543001	Streets	CO	Carryover	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
<b>Project Total</b>				<b>\$1,204,064</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,204,064</b>
<u>Peoria Av &amp; 77th Av Intersection Improvements</u>										
EN00683 (Page Number 174)										
7010-7075-543001	Streets	CO	Base	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
<u>Peoria Av: 69th Av-79th Av Landscape Enhancement</u>										
EN00690 (Page Number 175)										
7010-7075-543001	Streets	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,335,477	\$1,335,477
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,335,477</b>	<b>\$1,335,477</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Pinnacle Peak Rd; 91st Ave-Lake Pleasant Pkwy</u>										
EN00015 (Page Number 176)										
4810-4810-543001	Streets	CO	Carryover	\$3,979,889	\$0	\$0	\$0	\$0	\$0	\$3,979,889
7010-7075-540000	Streets	LA	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
7010-7075-543001	Streets	CO	Carryover	\$342,706	\$0	\$0	\$0	\$0	\$0	\$342,706
<b>Project Total</b>				<b>\$4,472,595</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,472,595</b>
<u>Resurvey Benchmarks</u>										
PW00137 (Page Number 177)										
7010-7075-520099	Streets	SY	Base	\$0	\$235,000	\$0	\$0	\$0	\$235,000	\$470,000
7010-7075-544001	Streets	CB	Base	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$10,000
<b>Project Total</b>				<b>\$0</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$480,000</b>
<u>Sidewalks Annual Program</u>										
PW00046 (Page Number 178)										
7000-7050-525515	Streets	AT	Base	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000	\$9,000
7000-7050-543001	Streets	CO	Base	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,000,000
7000-7050-544001	Streets	CB	Base	\$0	\$6,400	\$6,400	\$6,400	\$6,400	\$32,000	\$57,600
7000-7050-543001	Streets	CO	Carryover	\$95,581	\$0	\$0	\$0	\$0	\$0	\$95,581
<b>Project Total</b>				<b>\$195,581</b>	<b>\$107,400</b>	<b>\$107,400</b>	<b>\$107,400</b>	<b>\$107,400</b>	<b>\$537,000</b>	<b>\$1,162,181</b>
<u>Sonoran Mountain Ranch Emergency Access</u>										
EN00599 (Page Number 179)										
7010-7075-525515	Streets	AT	Base	\$0	\$0	\$2,970	\$0	\$0	\$0	\$2,970
7010-7075-543001	Streets	CO	Base	\$0	\$0	\$297,030	\$0	\$0	\$0	\$297,030
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>
<u>Streetlight Pole Replacement Program</u>										
PW11160 (Page Number 180)										
7000-7050-524010	Streets	OT	Base	\$590,000	\$590,000	\$590,000	\$590,000	\$390,000	\$1,950,000	\$4,700,000
<b>Project Total</b>				<b>\$590,000</b>	<b>\$590,000</b>	<b>\$590,000</b>	<b>\$590,000</b>	<b>\$390,000</b>	<b>\$1,950,000</b>	<b>\$4,700,000</b>
<u>Technical Pavement Condition Survey &amp; Support</u>										
PW00512 (Page Number 181)										
7000-7050-520099	Streets	OT	Base	\$255,000	\$0	\$0	\$255,000	\$0	\$510,000	\$1,020,000
<b>Project Total</b>				<b>\$255,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>	<b>\$0</b>	<b>\$510,000</b>	<b>\$1,020,000</b>
<u>Thunderbird Rd; 67th Av-81st Av Lndscape Enhancemt</u>										
EN00691 (Page Number 182)										
7010-7075-543001	Streets	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,516,904	\$1,516,904
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,516,904</b>	<b>\$1,516,904</b>

## Streets

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Utility Undergrounding Program</u>										
EN00563 (Page Number 183)										
4254-4254-525515	Streets	AT	Base	\$0	\$0	\$0	\$0	\$0	\$20,000	<b>\$20,000</b>
4254-4254-543001	Streets	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,800,000	<b>\$1,800,000</b>
4254-4254-543001	Streets	DS	Base	\$0	\$0	\$0	\$0	\$0	\$200,000	<b>\$200,000</b>
4254-4254-544001	Streets	CB	Base	\$0	\$0	\$0	\$0	\$0	\$120,000	<b>\$120,000</b>
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,140,000</b>	<b>\$2,140,000</b>
<b>Total - Streets</b>				<b>55,460,368</b>	<b>18,065,762</b>	<b>10,274,900</b>	<b>12,413,931</b>	<b>\$8,750,400</b>	<b>53,242,768</b>	<b>\$158,208,129</b>

## Traffic Control

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Install CCTV Equipment Citywide</u>										
EN00666 (Page Number 184)										
7010-7075-525515	affic Contu	AT	Base	\$0	\$2,200	\$0	\$0	\$0	\$0	\$2,200
7010-7075-543001	affic Contu	CO	Base	\$220,000	\$220,000	\$0	\$0	\$0	\$0	\$440,000
7010-7075-544001	affic Contu	CB	Base	\$0	\$7,000	\$0	\$0	\$0	\$0	\$7,000
<b>Project Total</b>				<b>\$220,000</b>	<b>\$229,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$449,200</b>
<u>North Peoria Communications Backup</u>										
EN00675 (Page Number 185)										
7010-7075-520099	affic Contu	SY	Base	\$0	\$0	\$0	\$65,000	\$0	\$0	\$65,000
7010-7075-525515	affic Contu	AT	Base	\$0	\$0	\$0	\$14,600	\$0	\$0	\$14,600
7010-7075-543001	affic Contu	CO	Base	\$0	\$0	\$0	\$1,300,000	\$0	\$0	\$1,300,000
7010-7075-543001	affic Contu	DS	Base	\$0	\$0	\$0	\$160,000	\$0	\$0	\$160,000
7010-7075-544001	affic Contu	CB	Base	\$0	\$0	\$0	\$117,000	\$0	\$0	\$117,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,656,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,656,600</b>
<u>Traffic Management Center Equipment Replacement</u>										
EN00433 (Page Number 186)										
7010-7075-525515	affic Contu	AT	Base	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$10,000
7010-7075-543001	affic Contu	CO	Base	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$505,000</b>	<b>\$505,000</b>	<b>\$1,010,000</b>
<u>Traffic Signal Interconnect Project (TSIP)</u>										
PW00133 (Page Number 187)										
7010-7075-525515	affic Contu	AT	Base	\$0	\$0	\$2,000	\$0	\$2,000	\$4,000	\$8,000
7010-7075-543001	affic Contu	CO	Base	\$175,000	\$0	\$175,000	\$0	\$175,000	\$350,000	\$875,000
7010-7075-543001	affic Contu	DS	Base	\$25,000	\$0	\$25,000	\$0	\$25,000	\$50,000	\$125,000
7010-7075-544001	affic Contu	CB	Base	\$0	\$0	\$5,000	\$0	\$5,000	\$10,000	\$20,000
7010-7075-543001	affic Contu	CO	Carryover	\$63,501	\$0	\$0	\$0	\$0	\$0	\$63,501
<b>Project Total</b>				<b>\$263,501</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$0</b>	<b>\$207,000</b>	<b>\$414,000</b>	<b>\$1,091,501</b>
<u>Traffic Signal Program</u>										
EN00170 (Page Number 188)										
7010-7075-525515	affic Contu	AT	Base	\$0	\$5,500	\$5,500	\$5,500	\$5,500	\$27,500	\$49,500
7010-7075-543001	affic Contu	CO	Base	\$748,020	\$550,000	\$550,000	\$550,000	\$550,000	\$2,750,000	\$5,698,020
7010-7075-544001	affic Contu	CB	Base	\$0	\$44,500	\$44,500	\$44,500	\$44,500	\$222,500	\$400,500
4810-4810-543001	affic Contu	CO	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
7010-7075-543001	affic Contu	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$873,020</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,000,000</b>	<b>\$6,273,020</b>

## Traffic Control

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Traffic Signal Renovation and Replacement</u>										
PVW00993 (Page Number 189)										
7000-7050-542006	affic Conti	OT	Base	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,545,000	<b>\$3,090,000</b>
<b>Project Total</b>				<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$1,545,000</b>	<b>\$3,090,000</b>
<b>Total - Traffic Control</b>				<b>\$1,665,521</b>	<b>\$1,138,200</b>	<b>\$1,116,000</b>	<b>\$2,565,600</b>	<b>\$1,621,000</b>	<b>\$5,464,000</b>	<b>\$13,570,321</b>

## Wastewater

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>101st Ave and Northern Lift Station Pretreatment</u>										
UT00398 (Page Number 250)										
2400-2550-543003	Vastewater	CO	Carryover	\$524,546	\$0	\$0	\$0	\$0	\$0	\$524,546
<b>Project Total</b>				<b>\$524,546</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$524,546</b>
<u>Agua Fria Lift Station-Wastewater Campus Land</u>										
UT00284 (Page Number 251)										
2506-2626-540000	Vastewater	LA	Base	\$0	\$0	\$0	\$2,419,200	\$0	\$0	\$2,419,200
2400-2550-540000	Vastewater	LA	Base	\$0	\$0	\$0	\$700,800	\$0	\$0	\$700,800
2164-2224-540000	Vastewater	LA	Base	\$0	\$0	\$0	\$1,080,000	\$0	\$0	\$1,080,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>
<u>Beardsley WRF Equipment Upgrade and Replacement</u>										
UT00317 (Page Number 252)										
2400-2550-542006	Vastewater	EQ	Base	\$60,250	\$0	\$0	\$0	\$12,625	\$150,500	\$223,375
2050-2140-542006	Vastewater	EQ	Base	\$180,750	\$0	\$0	\$0	\$37,875	\$451,500	\$670,125
<b>Project Total</b>				<b>\$241,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,500</b>	<b>\$602,000</b>	<b>\$893,500</b>
<u>Beardsley WRF Expansion</u>										
UT00314 (Page Number 253)										
2400-2550-525515	Vastewater	AT	Base	\$0	\$7,147	\$100,292	\$64,488	\$0	\$0	\$171,927
2400-2550-543003	Vastewater	CO	Base	\$0	\$0	\$10,029,200	\$6,448,750	\$0	\$0	\$16,477,950
2400-2550-543003	Vastewater	DS	Base	\$100,000	\$714,716	\$0	\$0	\$0	\$0	\$814,716
2164-2224-525515	Vastewater	AT	Base	\$0	\$19,000	\$16,150	\$30,000	\$0	\$0	\$65,150
2164-2224-543003	Vastewater	CO	Base	\$0	\$1,900,000	\$1,615,000	\$3,000,000	\$0	\$0	\$6,515,000
2164-2224-543003	Vastewater	DS	Base	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
2050-2140-525515	Vastewater	AT	Base	\$0	\$7,804	\$4,950	\$0	\$0	\$0	\$12,754
2050-2140-543003	Vastewater	CO	Base	\$0	\$0	\$495,000	\$0	\$0	\$0	\$495,000
2050-2140-543003	Vastewater	DS	Base	\$0	\$780,368	\$0	\$0	\$0	\$0	\$780,368
2050-2140-543003	Vastewater	CO	Carryover	\$14,943	\$0	\$0	\$0	\$0	\$0	\$14,943
<b>Project Total</b>				<b>\$514,943</b>	<b>\$3,429,035</b>	<b>12,260,592</b>	<b>\$9,543,238</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,747,808</b>
<u>Beardsley WRF Solids Pipeline Rehabilitation</u>										
UT00308 (Page Number 254)										
2400-2550-543003	Vastewater	CO	Base	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
2400-2550-543003	Vastewater	CO	Carryover	\$2,077,837	\$0	\$0	\$0	\$0	\$0	\$2,077,837
<b>Project Total</b>				<b>\$2,827,837</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,827,837</b>
<u>Butler IPS Equipment Upgrade and Replacement</u>										
UT00422 (Page Number 255)										
2400-2550-524013	Vastewater	OT	Base	\$150,000	\$101,000	\$101,000	\$120,000	\$150,000	\$505,000	\$1,127,000
<b>Project Total</b>				<b>\$150,000</b>	<b>\$101,000</b>	<b>\$101,000</b>	<b>\$120,000</b>	<b>\$150,000</b>	<b>\$505,000</b>	<b>\$1,127,000</b>

## Wastewater

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Butler WRF Aeration System Upgrades</u>										
UT00420	(Page Number 256)									
2400-2550-543003	Vastewater	CO	Base	\$524,948	\$0	\$0	\$0	\$0	\$0	\$524,948
2400-2550-543003	Vastewater	CO	Carryover	\$1,107,044	\$0	\$0	\$0	\$0	\$0	\$1,107,044
2050-2140-543003	Vastewater	CO	Carryover	\$593,231	\$0	\$0	\$0	\$0	\$0	\$593,231
<b>Project Total</b>				<b>\$2,225,223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,225,223</b>
<u>Butler WRF Equipment Upgrade and Replacement</u>										
UT00333	(Page Number 257)									
2400-2550-542006	Vastewater	EQ	Base	\$135,000	\$135,000	\$75,000	\$78,750	\$112,500	\$525,000	\$1,061,250
2050-2140-542006	Vastewater	EQ	Base	\$45,000	\$45,000	\$25,000	\$26,250	\$37,500	\$175,000	\$353,750
<b>Project Total</b>				<b>\$180,000</b>	<b>\$180,000</b>	<b>\$100,000</b>	<b>\$105,000</b>	<b>\$150,000</b>	<b>\$700,000</b>	<b>\$1,415,000</b>
<u>Butler WRF Headworks Rehabilitation</u>										
UT00100	(Page Number 258)									
2400-2550-543003	Vastewater	CO	Carryover	\$579,300	\$0	\$0	\$0	\$0	\$0	\$579,300
2050-2140-543003	Vastewater	CO	Carryover	\$8,200	\$0	\$0	\$0	\$0	\$0	\$8,200
<b>Project Total</b>				<b>\$587,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$587,500</b>
<u>Butler WRF Recharge Wells</u>										
UT00309	(Page Number 259)									
2506-2626-525515	Vastewater	AT	Base	\$0	\$667	\$3,914	\$4,465	\$0	\$0	\$9,046
2506-2626-543003	Vastewater	CO	Base	\$0	\$40,399	\$238,763	\$446,500	\$0	\$0	\$725,662
2506-2626-543003	Vastewater	DS	Base	\$0	\$26,209	\$152,502	\$0	\$0	\$0	\$178,711
2506-2626-544001	Vastewater	CB	Base	\$0	\$1,229	\$7,167	\$0	\$0	\$0	\$8,396
2162-2222-525515	Vastewater	AT	Base	\$0	\$5,221	\$12,587	\$18,800	\$0	\$0	\$36,608
2162-2222-543003	Vastewater	CO	Base	\$0	\$443,502	\$800,000	\$1,880,000	\$0	\$0	\$3,123,502
2162-2222-544001	Vastewater	CB	Base	\$0	\$3,686	\$21,502	\$0	\$0	\$0	\$25,188
2163-2223-543003	Vastewater	DS	Base	\$300,000	\$78,628	\$458,669	\$0	\$0	\$0	\$837,297
2164-2224-543003	Vastewater	CO	Carryover	\$880,970	\$0	\$0	\$0	\$0	\$0	\$880,970
<b>Project Total</b>				<b>\$1,180,970</b>	<b>\$599,541</b>	<b>\$1,695,104</b>	<b>\$2,349,765</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,825,380</b>
<u>El Mirage Road Sewer Infrastructure Upsizing</u>										
UT00432	(Page Number 260)									
2400-2550-525515	Vastewater	AT	Base	\$0	\$0	\$0	\$6,000	\$0	\$0	\$6,000
2400-2550-543003	Vastewater	CO	Base	\$500,000	\$0	\$0	\$600,000	\$0	\$0	\$1,100,000
<b>Project Total</b>				<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$606,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,106,000</b>

## Wastewater

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Jomax WRF Equipment Upgrade and Replacement</u>										
UT00323 (Page Number 261)										
2400-2550-525515	Vastewater	AT	Base	\$0	\$750	\$934	\$1,121	\$375	\$1,684	\$4,864
2400-2550-543003	Vastewater	CO	Base	\$116,250	\$75,000	\$93,375	\$112,125	\$37,500	\$168,375	\$602,625
2050-2140-525515	Vastewater	AT	Base	\$0	\$250	\$311	\$374	\$125	\$561	\$1,621
2050-2140-543003	Vastewater	CO	Base	\$28,750	\$25,000	\$31,125	\$37,375	\$12,500	\$56,125	\$190,875
2400-2550-543003	Vastewater	CO	Carryover	\$4,857	\$0	\$0	\$0	\$0	\$0	\$4,857
2050-2140-543003	Vastewater	CO	Carryover	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500
<b>Project Total</b>				<b>\$162,357</b>	<b>\$101,000</b>	<b>\$125,745</b>	<b>\$150,995</b>	<b>\$50,500</b>	<b>\$226,745</b>	<b>\$817,342</b>
<u>Jomax WRF Expansion</u>										
UT00388 (Page Number 262)										
2273-2293-525515	Vastewater	AT	Base	\$0	\$0	\$0	\$0	\$360,000	\$0	\$360,000
2273-2293-543003	Vastewater	CO	Base	\$0	\$0	\$0	\$0	\$36,000,000	\$0	\$36,000,000
2400-2550-543003	Vastewater	DS	Base	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$2,100,000
2050-2140-525515	Vastewater	AT	Base	\$0	\$0	\$0	\$0	\$96,906	\$100,000	\$196,906
2050-2140-543003	Vastewater	CO	Base	\$0	\$0	\$0	\$0	\$9,690,594	\$10,000,000	\$19,690,594
2507-2627-543003	Vastewater	CO	Carryover	\$796,525	\$0	\$0	\$0	\$0	\$0	\$796,525
2400-2550-543003	Vastewater	CO	Carryover	\$143,475	\$0	\$0	\$0	\$0	\$0	\$143,475
2162-2222-543003	Vastewater	CO	Carryover	\$47,825	\$0	\$0	\$0	\$0	\$0	\$47,825
2164-2224-543003	Vastewater	CO	Carryover	\$310,000	\$0	\$0	\$0	\$0	\$0	\$310,000
<b>Project Total</b>				<b>\$3,397,825</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,147,500</b>	<b>\$10,100,000</b>	<b>\$59,645,325</b>
<u>Jomax WRF Operations Building</u>										
UT00389 (Page Number 263)										
2509-2629-525515	Vastewater	AT	Base	\$0	\$8,000	\$0	\$0	\$0	\$0	\$8,000
2509-2629-543003	Vastewater	CO	Base	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000
2400-2550-525515	Vastewater	AT	Base	\$0	\$16,463	\$23,713	\$0	\$0	\$0	\$40,176
2400-2550-543003	Vastewater	CO	Base	\$0	\$1,646,287	\$2,371,287	\$0	\$0	\$0	\$4,017,574
2400-2550-543003	Vastewater	DS	Base	\$521,782	\$0	\$0	\$0	\$0	\$0	\$521,782
2400-2550-544001	Vastewater	CB	Base	\$0	\$5,200	\$5,200	\$0	\$0	\$0	\$10,400
2050-2140-525515	Vastewater	AT	Base	\$0	\$4,917	\$11,135	\$0	\$0	\$0	\$16,052
2050-2140-543003	Vastewater	CO	Base	\$0	\$491,713	\$1,113,495	\$0	\$0	\$0	\$1,605,208
2050-2140-543003	Vastewater	DS	Base	\$171,287	\$0	\$0	\$0	\$0	\$0	\$171,287
2050-2140-544001	Vastewater	CB	Base	\$0	\$1,300	\$1,300	\$0	\$0	\$0	\$2,600
<b>Project Total</b>				<b>\$693,069</b>	<b>\$2,973,880</b>	<b>\$3,526,130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,193,079</b>

## Wastewater

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Lift Station Reconditioning</u>										
UT00116	(Page Number 264)									
2400-2550-525515	Vastewate	AT	Base	\$0	\$3,950	\$3,900	\$3,800	\$3,800	\$19,000	\$34,450
2400-2550-543003	Vastewate	CO	Base	\$490,000	\$395,000	\$390,000	\$380,000	\$380,000	\$1,900,000	\$3,935,000
2400-2550-543003	Vastewate	CO	Carryover	\$425,000	\$0	\$0	\$0	\$0	\$0	\$425,000
<b>Project Total</b>				<b>\$915,000</b>	<b>\$398,950</b>	<b>\$393,900</b>	<b>\$383,800</b>	<b>\$383,800</b>	<b>\$1,919,000</b>	<b>\$4,394,450</b>
<u>LPH Mystic Wastewater Oversizing</u>										
UT00446	(Page Number 265)									
2400-2550-525515	Vastewate	AT	Base	\$0	\$0	\$0	\$667	\$0	\$1,164	\$1,831
2400-2550-543003	Vastewate	CO	Base	\$0	\$0	\$0	\$66,692	\$0	\$116,394	\$183,086
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$67,359</b>	<b>\$0</b>	<b>\$117,558</b>	<b>\$184,917</b>
<u>Manhole Rehabilitation</u>										
UT00307	(Page Number 266)									
2400-2550-525515	Vastewate	AT	Base	\$0	\$3,725	\$3,725	\$3,725	\$3,725	\$18,625	\$33,525
2400-2550-543003	Vastewate	CO	Base	\$372,500	\$372,500	\$372,500	\$372,500	\$372,500	\$1,862,500	\$3,725,000
2400-2550-544001	Vastewate	CB	Base	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500	\$22,500
2400-2550-543003	Vastewate	CO	Carryover	\$380,787	\$0	\$0	\$0	\$0	\$0	\$380,787
<b>Project Total</b>				<b>\$753,287</b>	<b>\$378,725</b>	<b>\$378,725</b>	<b>\$378,725</b>	<b>\$378,725</b>	<b>\$1,893,625</b>	<b>\$4,161,812</b>
<u>Miscellaneous Local Wastewater Line Improvements</u>										
UT00191	(Page Number 267)									
2400-2550-525515	Vastewate	AT	Base	\$0	\$2,000	\$2,000	\$2,000	\$2,250	\$10,000	\$18,250
2400-2550-543003	Vastewate	CO	Base	\$200,000	\$200,000	\$200,000	\$200,000	\$225,000	\$1,000,000	\$2,025,000
2400-2550-544001	Vastewate	CB	Base	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000	\$18,000
2400-2550-543003	Vastewate	CO	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Project Total</b>				<b>\$600,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$204,000</b>	<b>\$229,250</b>	<b>\$1,020,000</b>	<b>\$2,461,250</b>
<u>SROG Line Assessment &amp; Repair</u>										
UT00321	(Page Number 267)									
2400-2550-525515	Vastewate	AT	Base	\$0	\$1,691	\$2,211	\$4,965	\$0	\$0	\$8,867
2400-2550-543003	Vastewate	CO	Base	\$0	\$169,104	\$221,136	\$496,472	\$0	\$0	\$886,712
<b>Project Total</b>				<b>\$0</b>	<b>\$170,795</b>	<b>\$223,347</b>	<b>\$501,437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$895,579</b>
<u>Trunk Sewer Line Inspection</u>										
UT00322	(Page Number 269)									
2400-2550-520099	Vastewate	SY	Base	\$600,000	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
2400-2550-520099	Vastewate	OT	Carryover	\$326,101	\$0	\$0	\$0	\$0	\$0	\$326,101
<b>Project Total</b>				<b>\$926,101</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,526,101</b>

## Wastewater

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total	
<u>Trunk Sewer Rehabilitation</u>											
UT00296	(Page Number 270)										
2400-2550-525515	Vastewate	AT	Base	\$0	\$0	\$0	\$0	\$21,782	\$0	\$21,782	
2400-2550-543003	Vastewate	CO	Base	\$1,792,078	\$0	\$0	\$0	\$2,178,218	\$0	\$3,970,296	
2400-2550-543003	Vastewate	DS	Base	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000	
2400-2550-543003	Vastewate	CO	Carryover	\$1,184,166	\$0	\$0	\$0	\$0	\$0	\$1,184,166	
<b>Project Total</b>				<b>\$3,226,244</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$5,426,244</b>	
<u>Wastewater System Additional R &amp; M Expense</u>											
UT00436	(Page Number 271)										
2400-2550-524013	Vastewate	OT	Base	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$3,535,000	\$7,070,000	
<b>Project Total</b>				<b>\$707,000</b>	<b>\$707,000</b>	<b>\$707,000</b>	<b>\$707,000</b>	<b>\$707,000</b>	<b>\$3,535,000</b>	<b>\$7,070,000</b>	
<u>West Agua Fria Wastewater Lines</u>											
UT00171	(Page Number 272)										
2400-2550-525515	Vastewate	AT	Base	\$0	\$3,250	\$0	\$0	\$0	\$0	\$3,250	
2400-2550-543003	Vastewate	CO	Base	\$271,203	\$325,000	\$0	\$0	\$0	\$0	\$596,203	
2507-2627-543003	Vastewate	CO	Carryover	\$382,325	\$0	\$0	\$0	\$0	\$0	\$382,325	
2509-2629-543003	Vastewate	CO	Carryover	\$770,000	\$0	\$0	\$0	\$0	\$0	\$770,000	
<b>Project Total</b>				<b>\$1,423,528</b>	<b>\$328,250</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,751,778</b>
<b>Total - Wastewater</b>				<b>21,736,430</b>	<b>\$9,572,176</b>	<b>19,715,543</b>	<b>19,917,319</b>	<b>50,447,275</b>	<b>20,618,928</b>	<b>\$142,007,671</b>	

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>67th Ave. 16-in Waterline Pinnacle Pk. To Hatfield</u>										
UT00440 (Page Number 196)										
2050-2140-525515	Water	AT	Base	\$0	\$1,500	\$0	\$12,500	\$0	\$0	\$14,000
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$1,250,000	\$0	\$0	\$1,250,000
2050-2140-543002	Water	DS	Base	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
2050-2140-544001	Water	CB	Base	\$0	\$2,475	\$0	\$45,000	\$0	\$0	\$47,475
<b>Project Total</b>				<b>\$0</b>	<b>\$153,975</b>	<b>\$0</b>	<b>\$1,307,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,461,475</b>
<u>75th Ave 16" Waterline Cholla St to Thunderbird Rd</u>										
UT00400 (Page Number 197)										
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$2,500	\$24,752	\$0	\$27,252
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$2,475,248	\$0	\$2,475,248
2050-2140-543002	Water	DS	Base	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$252,500</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$2,752,500</b>
<u>75th Avenue and Grand PRV Upgrade</u>										
UT00408 (Page Number 198)										
2050-2140-543002	Water	CO	Base	\$340,000	\$0	\$0	\$0	\$0	\$0	\$340,000
2050-2140-543002	Water	CO	Carryover	\$175,073	\$0	\$0	\$0	\$0	\$0	\$175,073
<b>Project Total</b>				<b>\$515,073</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$515,073</b>
<u>Agua Fria Booster Station - Phase II</u>										
UT00501 (Page Number 199)										
2164-2224-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$12,822	\$12,822
2164-2224-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$782,178	\$782,178
2164-2224-543002	Water	DS	Base	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
2164-2224-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$38,614	\$38,614
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$3,861,386	\$3,861,386
2050-2140-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$24,000	\$24,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,234,000</b>	<b>\$5,234,000</b>
<u>Agua Fria Booster/PRV</u>										
UT00245 (Page Number 200)										
2164-2224-543002	Water	CO	Carryover	\$2,512,381	\$0	\$0	\$0	\$0	\$0	\$2,512,381
<b>Project Total</b>				<b>\$2,512,381</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,512,381</b>
<u>Butler Well Site Rehabilitation</u>										
UT00410 (Page Number 201)										
2050-2140-543002	Water	CO	Carryover	\$748,596	\$0	\$0	\$0	\$0	\$0	\$748,596
<b>Project Total</b>				<b>\$748,596</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$748,596</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>CAP Pump Station Rehabilitation</u>										
UT00274 (Page Number 202)										
2050-2140-543002	Water	CO	Base	\$2,900,330	\$0	\$0	\$0	\$0	\$0	\$2,900,330
2050-2140-543002	Water	CO	Carryover	\$400,773	\$0	\$0	\$0	\$0	\$0	\$400,773
<b>Project Total</b>				<b>\$3,301,103</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,301,103</b>
<u>Condition Assessment of Remote Sites</u>										
UT00256 (Page Number 203)										
2400-2550-520099	Water	SY	Base	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
2050-2140-520099	Water	SY	Base	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
2050-2140-520099	Water	OT	Carryover	\$68,665	\$0	\$0	\$0	\$0	\$0	\$68,665
<b>Project Total</b>				<b>\$68,665</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$368,665</b>
<u>Desert Harbor-Arrowhead Shores Well Mixing</u>										
UT00312 (Page Number 204)										
2050-2140-543002	Water	CO	Base	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000
2162-2222-543002	Water	CO	Carryover	\$1,417,530	\$0	\$0	\$0	\$0	\$0	\$1,417,530
2164-2224-543002	Water	CO	Carryover	\$344,347	\$0	\$0	\$0	\$0	\$0	\$344,347
2050-2140-543002	Water	CO	Carryover	\$982,048	\$0	\$0	\$0	\$0	\$0	\$982,048
<b>Project Total</b>				<b>\$3,393,925</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,393,925</b>
<u>El Mirage Road Waterline Upsizing</u>										
UT00430 (Page Number 205)										
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$17,000	\$0	\$17,000
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$1,700,000	\$0	\$1,700,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717,000</b>	<b>\$0</b>	<b>\$1,717,000</b>

# Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Expansion of Reclaim System in Old Town Area</u>										
UT00310 (Page Number 206)										
2506-2626-525515	Water	AT	Base	\$0	\$1,222	\$0	\$0	\$0	\$0	\$1,222
2506-2626-543002	Water	CO	Base	\$0	\$122,162	\$0	\$0	\$0	\$0	\$122,162
2506-2626-543002	Water	DS	Base	\$0	\$1,784	\$0	\$0	\$0	\$0	\$1,784
2506-2626-544001	Water	CB	Base	\$0	\$2,261	\$0	\$0	\$0	\$0	\$2,261
2400-2550-525515	Water	AT	Base	\$0	\$2,036	\$0	\$0	\$0	\$0	\$2,036
2400-2550-543002	Water	CO	Base	\$0	\$203,605	\$0	\$0	\$0	\$0	\$203,605
2400-2550-543002	Water	DS	Base	\$0	\$2,973	\$0	\$0	\$0	\$0	\$2,973
2400-2550-544001	Water	CB	Base	\$0	\$3,768	\$0	\$0	\$0	\$0	\$3,768
2163-2223-525515	Water	AT	Base	\$0	\$7,103	\$0	\$0	\$0	\$0	\$7,103
2163-2223-543002	Water	CO	Base	\$0	\$710,308	\$0	\$0	\$0	\$0	\$710,308
2163-2223-543002	Water	DS	Base	\$0	\$10,702	\$0	\$0	\$0	\$0	\$10,702
2163-2223-544001	Water	CB	Base	\$0	\$13,565	\$0	\$0	\$0	\$0	\$13,565
2164-2224-525515	Water	AT	Base	\$0	\$7,103	\$0	\$0	\$0	\$0	\$7,103
2164-2224-543002	Water	CO	Base	\$0	\$710,308	\$0	\$0	\$0	\$0	\$710,308
2164-2224-543002	Water	DS	Base	\$0	\$10,702	\$0	\$0	\$0	\$0	\$10,702
2164-2224-544001	Water	CB	Base	\$0	\$13,565	\$0	\$0	\$0	\$0	\$13,565
2050-2140-525515	Water	AT	Base	\$0	\$2,443	\$0	\$0	\$0	\$0	\$2,443
2050-2140-543002	Water	CO	Base	\$0	\$244,327	\$0	\$0	\$0	\$0	\$244,327
2050-2140-543002	Water	DS	Base	\$0	\$3,567	\$0	\$0	\$0	\$0	\$3,567
2050-2140-544001	Water	CB	Base	\$0	\$4,522	\$0	\$0	\$0	\$0	\$4,522
<b>Project Total</b>				<b>\$0</b>	<b>\$2,078,026</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,078,026</b>
<u>Fire Hydrant Infill and Replacement</u>										
UT00204 (Page Number 208)										
2050-2140-525515	Water	AT	Base	\$0	\$1,616	\$1,616	\$1,616	\$1,616	\$8,080	\$14,544
2050-2140-543002	Water	CO	Base	\$0	\$161,584	\$161,584	\$161,584	\$161,584	\$807,920	\$1,454,256
2050-2140-543002	Water	CO	Carryover	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
<b>Project Total</b>				<b>\$60,000</b>	<b>\$163,200</b>	<b>\$163,200</b>	<b>\$163,200</b>	<b>\$163,200</b>	<b>\$816,000</b>	<b>\$1,528,800</b>
<u>Greenway WTP 8 MGD Expansion</u>										
UT00311 (Page Number 209)										
2273-2293-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$312,318	\$312,318
2273-2293-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$27,710,176	\$27,710,176
2273-2293-543002	Water	DS	Base	\$0	\$0	\$0	\$0	\$0	\$3,521,584	\$3,521,584
2273-2293-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,694,078</b>	<b>\$31,694,078</b>

# Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Greenway WTP Equipment Upgrade and Replacement</u>										
UT00316 (Page Number 210)										
2050-2140-542006	Water	EQ	Base	\$494,000	\$358,000	\$302,000	\$102,000	\$102,000	\$642,000	\$2,000,000
2050-2140-541003	Water	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$594,000</b>	<b>\$358,000</b>	<b>\$302,000</b>	<b>\$102,000</b>	<b>\$102,000</b>	<b>\$642,000</b>	<b>\$2,100,000</b>
<u>Integrated Water Utility Master Plan (IWUMP)</u>										
UT00271 (Page Number 211)										
2506-2626-520099	Water	SY	Base	\$0	\$0	\$22,418	\$17,038	\$0	\$0	\$39,456
2506-2626-544001	Water	CB	Base	\$0	\$0	\$2,185	\$1,665	\$0	\$0	\$3,850
2400-2550-520099	Water	SY	Base	\$0	\$0	\$134,988	\$92,258	\$0	\$0	\$227,246
2400-2550-544001	Water	CB	Base	\$0	\$0	\$13,109	\$8,739	\$0	\$0	\$21,848
2163-2223-520099	Water	SY	Base	\$0	\$0	\$12,797	\$8,521	\$0	\$0	\$21,318
2163-2223-544001	Water	CB	Base	\$0	\$0	\$1,248	\$832	\$0	\$0	\$2,080
2164-2224-520099	Water	SY	Base	\$0	\$0	\$30,734	\$20,674	\$0	\$0	\$51,408
2164-2224-544001	Water	CB	Base	\$0	\$0	\$3,121	\$1,873	\$0	\$0	\$4,994
2050-2140-520099	Water	SY	Base	\$0	\$0	\$119,452	\$80,301	\$0	\$0	\$199,753
2050-2140-544001	Water	CB	Base	\$0	\$0	\$11,548	\$7,699	\$0	\$0	\$19,247
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$351,600</b>	<b>\$239,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$591,200</b>
<u>Jomax Booster Station Upgrades</u>										
UT00285 (Page Number 212)										
4810-4810-543002	Water	CO	Base	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
2164-2224-543002	Water	CO	Base	\$1,971,129	\$0	\$0	\$0	\$0	\$0	\$1,971,129
2050-2140-543002	Water	CO	Base	\$728,871	\$0	\$0	\$0	\$0	\$0	\$728,871
2164-2224-543002	Water	CO	Carryover	\$270,230	\$0	\$0	\$0	\$0	\$0	\$270,230
2050-2140-520099	Water	OT	Carryover	\$1,946	\$0	\$0	\$0	\$0	\$0	\$1,946
<b>Project Total</b>				<b>\$3,057,176</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,057,176</b>
<u>Jomax Waterline - Loop 303 to El Mirage Road</u>										
UT00503 (Page Number 213)										
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000
2050-2140-543002	Water	DS	Base	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
2050-2140-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$32,000	\$32,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,001,500</b>	<b>\$2,001,500</b>
<u>Lake Pleasant Parkway 16-inch Waterline</u>										
UT00439 (Page Number 214)										
2164-2224-543002	Water	CO	Base	\$247,525	\$0	\$0	\$0	\$0	\$0	\$247,525
2050-2140-543002	Water	CO	Base	\$2,299,770	\$0	\$0	\$0	\$0	\$0	\$2,299,770
<b>Project Total</b>				<b>\$2,547,295</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,547,295</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Lake Plsnt Pkwy 24-inch Waterline: Loop 303- LPWTP</u>										
UT00269 (Page Number 215)										
2164-2224-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$49,350	\$49,350
2164-2224-541003	Water	OT	Base	\$0	\$0	\$0	\$0	\$0	\$260,956	\$260,956
2164-2224-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$4,934,968	\$4,934,968
2164-2224-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$82,853	\$82,853
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$5,356	\$5,356
2050-2140-541003	Water	OT	Base	\$0	\$0	\$0	\$0	\$0	\$554,984	\$554,984
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$535,637	\$535,637
2050-2140-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$13,000	\$13,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,437,104</b>	<b>\$6,437,104</b>
<u>LPH Mystic Water Oversizing</u>										
UT00445 (Page Number 216)										
2164-2224-525515	Water	AT	Base	\$0	\$699	\$0	\$945	\$0	\$0	\$1,644
2164-2224-543002	Water	CO	Base	\$0	\$69,930	\$0	\$94,538	\$0	\$0	\$164,468
2164-2224-543002	Water	CO	Carryover	\$261,097	\$0	\$0	\$0	\$0	\$0	\$261,097
<b>Project Total</b>				<b>\$261,097</b>	<b>\$70,629</b>	<b>\$0</b>	<b>\$95,483</b>	<b>\$0</b>	<b>\$0</b>	<b>\$427,209</b>
<u>Miscellaneous Local Waterline Improvements</u>										
UT00203 (Page Number 217)										
2050-2140-525515	Water	AT	Base	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500	\$22,500
2050-2140-543002	Water	CO	Base	\$350,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,600,000
2050-2140-544001	Water	CB	Base	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$45,000
2050-2140-543002	Water	CO	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Project Total</b>				<b>\$450,000</b>	<b>\$257,500</b>	<b>\$257,500</b>	<b>\$257,500</b>	<b>\$257,500</b>	<b>\$1,287,500</b>	<b>\$2,767,500</b>
<u>MOC Reservoir Site Improvements</u>										
UT00434 (Page Number 218)										
2050-2140-543002	Water	DS	Base	\$427,822	\$0	\$0	\$0	\$0	\$0	\$427,822
<b>Project Total</b>				<b>\$427,822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$427,822</b>
<u>New River Utility Co. Acquisition &amp; Improvements</u>										
UT00390 (Page Number 219)										
2050-2140-541003	Water	OT	Base	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
2050-2140-543002	Water	CO	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
2270-2350-543002	Water	CO	Carryover	\$2,601,165	\$0	\$0	\$0	\$0	\$0	\$2,601,165
<b>Project Total</b>				<b>\$4,101,165</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,101,165</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Patterson Reservoir - Existing Well Connection</u>										
UT00328 (Page Number 220)										
2050-2140-525515	Water	AT	Base	\$0	\$55,881	\$0	\$0	\$0	\$0	\$55,881
2050-2140-543002	Water	CO	Base	\$0	\$5,588,140	\$0	\$0	\$0	\$0	\$5,588,140
2050-2140-543002	Water	DS	Base	\$437,194	\$0	\$0	\$0	\$0	\$0	\$437,194
2050-2140-544001	Water	CB	Base	\$0	\$48,846	\$0	\$0	\$0	\$0	\$48,846
<b>Project Total</b>				<b>\$437,194</b>	<b>\$5,692,867</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,130,061</b>
<u>Pyramid Peak Water Treatment Plant - Upgrades</u>										
UT00037 (Page Number 221)										
2050-2140-543002	Water	CO	Base	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
2050-2140-543002	Water	CO	Carryover	\$1,831,355	\$0	\$0	\$0	\$0	\$0	\$1,831,355
<b>Project Total</b>				<b>\$4,831,355</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,831,355</b>
<u>Pyramid Peak Water Treatment Plant Expansion</u>										
UT00334 (Page Number 222)										
2050-2140-541003	Water	OT	Base	\$0	\$1,669,125	\$0	\$0	\$0	\$0	\$1,669,125
2271-2297-541003	Water	OT	Base	\$24,837,297	\$0	\$0	\$0	\$0	\$0	\$24,837,297
2164-2224-543002	Water	CO	Carryover	\$1,558,741	\$0	\$0	\$0	\$0	\$0	\$1,558,741
2050-2140-541003	Water	OT	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
2271-2297-541003	Water	OT	Carryover	\$24,176,436	\$0	\$0	\$0	\$0	\$0	\$24,176,436
2271-2297-543002	Water	CO	Carryover	\$1,678,891	\$0	\$0	\$0	\$0	\$0	\$1,678,891
2271-2297-561002	Water	OT	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>Project Total</b>				<b>\$2,576,365</b>	<b>\$1,669,125</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$54,245,490</b>
<u>Quintero WTP Equipment Upgrade and Replacement</u>										
UT00418 (Page Number 223)										
2050-2140-542006	Water	OT	Base	\$20,000	\$150,000	\$100,000	\$50,000	\$50,000	\$250,000	\$620,000
2050-2140-524012	Water	OT	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Project Total</b>				<b>\$70,000</b>	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>	<b>\$670,000</b>
<u>Reclaimed Water Master Plan Implementation</u>										
UT00505 (Page Number 224)										
2050-2140-520099	Water	SY	Base	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
2050-2140-525515	Water	AT	Base	\$0	\$0	\$19,802	\$56,436	\$0	\$0	\$76,238
2050-2140-543002	Water	CO	Base	\$0	\$0	\$1,980,198	\$5,643,564	\$0	\$0	\$7,623,762
<b>Project Total</b>				<b>\$300,000</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$5,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000,000</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>SCADA Equipment Replacement</u>										
UT00266 (Page Number 225)										
2400-2550-542006	Water	EQ	Base	\$225,000	\$225,000	\$225,000	\$275,000	\$275,000	\$375,000	\$1,600,000
2050-2140-542006	Water	EQ	Base	\$225,000	\$225,000	\$225,000	\$275,000	\$275,000	\$375,000	\$1,600,000
2400-2550-543002	Water	CO	Carryover	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
<b>Project Total</b>				<b>\$455,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$750,000</b>	<b>\$3,205,000</b>
<u>Sports Complex/W115 Well Connection</u>										
UT00327 (Page Number 226)										
2163-2223-525515	Water	AT	Base	\$0	\$0	\$0	\$6,474	\$0	\$0	\$6,474
2163-2223-543002	Water	CO	Base	\$0	\$0	\$0	\$647,418	\$0	\$0	\$647,418
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$22,001	\$0	\$0	\$22,001
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$2,200,096	\$0	\$0	\$2,200,096
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,875,989</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,875,989</b>
<u>Sweetwater Well Site Rehabilitation</u>										
UT00442 (Page Number 227)										
2163-2223-525515	Water	AT	Base	\$0	\$0	\$0	\$3,784	\$22,175	\$0	\$25,959
2163-2223-543002	Water	CO	Base	\$0	\$0	\$0	\$378,450	\$2,217,484	\$0	\$2,595,934
2163-2223-544001	Water	CB	Base	\$0	\$0	\$0	\$3,716	\$3,716	\$0	\$7,432
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$385,950</b>	<b>\$2,243,375</b>	<b>\$0</b>	<b>\$2,629,325</b>
<u>Technology and Security Master Plan</u>										
UT00304 (Page Number 228)										
2400-2550-520099	Water	OT	Carryover	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
2162-2222-520099	Water	OT	Carryover	\$40,500	\$0	\$0	\$0	\$0	\$0	\$40,500
2163-2223-520099	Water	OT	Carryover	\$13,500	\$0	\$0	\$0	\$0	\$0	\$13,500
2164-2224-520099	Water	OT	Carryover	\$171,000	\$0	\$0	\$0	\$0	\$0	\$171,000
<b>Project Total</b>				<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>
<u>Terramar Booster Pump Station Rehabilitation</u>										
UT00412 (Page Number 229)										
2050-2140-543002	Water	CO	Base	\$2,850,000	\$0	\$0	\$0	\$0	\$0	\$2,850,000
2050-2140-543002	Water	CO	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
<b>Project Total</b>				<b>\$3,050,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,050,000</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Utility Billing System</u>										
UT00160 (Page Number 230)										
2590-2720-542007	Water	EQ	Base	\$0	\$0	\$0	\$240,000	\$0	\$0	\$240,000
2600-2760-542007	Water	EQ	Base	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
2700-2900-542007	Water	EQ	Base	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
2506-2626-542007	Water	EQ	Base	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
2400-2550-542007	Water	EQ	Base	\$0	\$0	\$0	\$660,000	\$0	\$0	\$660,000
2162-2222-542007	Water	EQ	Base	\$0	\$0	\$0	\$45,000	\$0	\$0	\$45,000
2163-2223-542007	Water	EQ	Base	\$0	\$0	\$0	\$35,000	\$0	\$0	\$35,000
2164-2224-542007	Water	EQ	Base	\$0	\$0	\$0	\$190,000	\$0	\$0	\$190,000
2050-2140-542007	Water	EQ	Base	\$0	\$0	\$0	\$965,000	\$0	\$0	\$965,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,810,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,810,000</b>
<u>W108 Bailey Well Site Improvements</u>										
UT00414 (Page Number 231)										
2050-2140-525515	Water	AT	Base	\$0	\$4,630	\$0	\$0	\$0	\$0	\$4,630
2050-2140-541003	Water	OT	Base	\$0	\$9,261	\$0	\$0	\$0	\$0	\$9,261
2050-2140-543002	Water	CO	Base	\$0	\$427,924	\$0	\$0	\$0	\$0	\$427,924
2050-2140-543002	Water	DS	Base	\$0	\$35,112	\$0	\$0	\$0	\$0	\$35,112
2050-2140-544001	Water	CB	Base	\$0	\$23,512	\$0	\$0	\$0	\$0	\$23,512
<b>Project Total</b>				<b>\$0</b>	<b>\$500,439</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,439</b>
<u>Water &amp; Wastewater Rate Study</u>										
UT00298 (Page Number 232)										
2590-2720-520099	Water	SY	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
2600-2760-520099	Water	SY	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
2400-2550-520099	Water	SY	Base	\$50,000	\$0	\$0	\$50,000	\$0	\$100,000	\$200,000
2050-2140-520099	Water	SY	Base	\$50,000	\$0	\$0	\$50,000	\$0	\$100,000	\$200,000
<b>Project Total</b>				<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$475,000</b>
<u>Water Facility Reconditioning</u>										
UT00206 (Page Number 233)										
2050-2140-525515	Water	AT	Base	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000	\$72,000
2050-2140-543002	Water	CO	Base	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$4,000,000	\$8,000,000
2050-2140-544001	Water	CB	Base	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$45,000
2050-2140-543002	Water	CO	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
<b>Project Total</b>				<b>\$1,300,000</b>	<b>\$813,000</b>	<b>\$813,000</b>	<b>\$813,000</b>	<b>\$813,000</b>	<b>\$4,065,000</b>	<b>\$8,617,000</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Water Line Assessment and Replacement</u>										
UT00335 (Page Number 234)										
2050-2140-520099	Water	SY	Base	\$151,500	\$0	\$0	\$0	\$0	\$0	\$151,500
2050-2140-525515	Water	AT	Base	\$0	\$21,980	\$0	\$0	\$0	\$0	\$21,980
2050-2140-543002	Water	CO	Base	\$0	\$2,198,020	\$0	\$0	\$0	\$0	\$2,198,020
2050-2140-543002	Water	CO	Carryover	\$705,749	\$0	\$0	\$0	\$0	\$0	\$705,749
<b>Project Total</b>				<b>\$857,249</b>	<b>\$2,220,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,077,249</b>
<u>Water Meter Replacement Program</u>										
UT00326 (Page Number 235)										
2400-2550-542006	Water	EQ	Base	\$0	\$0	\$0	\$0	\$0	\$4,863,465	\$4,863,465
2050-2140-542006	Water	EQ	Base	\$0	\$0	\$0	\$0	\$0	\$9,741,535	\$9,741,535
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>14,605,000</b>	<b>\$14,605,000</b>
<u>Water System Additional R &amp; M Expense</u>										
UT00438 (Page Number 236)										
2050-2140-524012	Water	OT	Base	\$883,750	\$883,750	\$883,750	\$883,750	\$883,750	\$4,418,750	\$8,837,500
<b>Project Total</b>				<b>\$883,750</b>	<b>\$883,750</b>	<b>\$883,750</b>	<b>\$883,750</b>	<b>\$883,750</b>	<b>\$4,418,750</b>	<b>\$8,837,500</b>
<u>Water/Wastewater Hydraulic Model Update</u>										
UT00428 (Page Number 237)										
2400-2550-520099	Water	SY	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
2050-2140-520099	Water	SY	Base	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
2400-2550-520099	Water	OT	Carryover	\$179,000	\$0	\$0	\$0	\$0	\$0	\$179,000
<b>Project Total</b>				<b>\$179,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$379,000</b>
<u>Water/Wastewater/Expansion Fee Update</u>										
UT00070 (Page Number 238)										
2506-2626-520099	Water	SY	Base	\$0	\$0	\$0	\$29,500	\$0	\$29,500	\$59,000
2507-2627-520099	Water	SY	Base	\$0	\$0	\$0	\$20,500	\$0	\$20,500	\$41,000
2163-2223-520099	Water	SY	Base	\$0	\$0	\$0	\$5,000	\$0	\$5,000	\$10,000
2164-2224-520099	Water	SY	Base	\$0	\$0	\$0	\$25,000	\$0	\$25,000	\$50,000
2165-2225-520099	Water	SY	Base	\$0	\$0	\$0	\$20,000	\$0	\$20,000	\$40,000
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$200,000</b>
<u>Weedville Well Site Rehabilitation</u>										
UT00441 (Page Number 239)										
2163-2223-525515	Water	AT	Base	\$0	\$17,000	\$0	\$0	\$0	\$0	\$17,000
2163-2223-543002	Water	CO	Base	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$1,700,000
2163-2223-543002	Water	DS	Base	\$180,000	\$0	\$0	\$0	\$0	\$0	\$180,000
2163-2223-544001	Water	CB	Base	\$0	\$36,000	\$0	\$0	\$0	\$0	\$36,000
2163-2223-543002	Water	CO	Carryover	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000
<b>Project Total</b>				<b>\$1,030,000</b>	<b>\$1,753,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,783,000</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>Wellhead Water Quality Mitigation</u>										
UT00272 (Page Number 240)										
2161-2221-543002	Water	CO	Carryover	\$674,346	\$0	\$0	\$0	\$0	\$0	\$674,346
2162-2222-543002	Water	CO	Carryover	\$478,435	\$0	\$0	\$0	\$0	\$0	\$478,435
2050-2140-543002	Water	CO	Carryover	\$2,306,342	\$0	\$0	\$0	\$0	\$0	\$2,306,342
<b>Project Total</b>				<b>\$3,459,123</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,459,123</b>
<u>Wells - New Construction</u>										
UT00117 (Page Number 241)										
2164-2224-520099	Water	SY	Base	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
2164-2224-525515	Water	AT	Base	\$0	\$2,200	\$19,000	\$0	\$0	\$13,200	\$34,400
2164-2224-540000	Water	LA	Base	\$20,000	\$0	\$0	\$0	\$0	\$80,000	\$100,000
2164-2224-542006	Water	EQ	Base	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,200,000
2164-2224-543002	Water	CO	Base	\$180,000	\$0	\$1,900,000	\$0	\$0	\$1,100,000	\$3,180,000
2164-2224-543002	Water	DS	Base	\$0	\$220,000	\$0	\$0	\$0	\$220,000	\$440,000
2164-2224-544001	Water	CB	Base	\$0	\$8,640	\$44,720	\$0	\$3,250	\$56,610	\$113,220
2164-2224-540000	Water	LA	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
2164-2224-543002	Water	CO	Carryover	\$1,050,001	\$0	\$0	\$0	\$0	\$0	\$1,050,001
<b>Project Total</b>				<b>\$1,300,001</b>	<b>\$230,840</b>	<b>\$1,963,720</b>	<b>\$0</b>	<b>\$203,250</b>	<b>\$3,669,810</b>	<b>\$7,367,621</b>
<u>West Agua Fria Water Lines</u>										
UT00170 (Page Number 242)										
2165-2225-525515	Water	AT	Base	\$0	\$5,842	\$2,355	\$12,720	\$0	\$0	\$20,917
2050-2140-543002	Water	CO	Base	\$310,800	\$584,250	\$235,500	\$1,272,000	\$0	\$0	\$2,402,550
2164-2224-543002	Water	CO	Carryover	\$975,987	\$0	\$0	\$0	\$0	\$0	\$975,987
<b>Project Total</b>				<b>\$1,286,787</b>	<b>\$590,092</b>	<b>\$237,855</b>	<b>\$1,284,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,399,454</b>
<u>Westland Rd. Reservoir and Booster Station</u>										
UT00336 (Page Number 243)										
2164-2224-543002	Water	CO	Carryover	\$1,487,656	\$0	\$0	\$0	\$0	\$0	\$1,487,656
2050-2140-543002	Water	CO	Carryover	\$828,010	\$0	\$0	\$0	\$0	\$0	\$828,010
<b>Project Total</b>				<b>\$2,315,666</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,315,666</b>
<u>Westland Reservoir/Booster Station - Phase II</u>										
UT00502 (Page Number 244)										
2050-2140-525515	Water	AT	Base	\$0	\$0	\$0	\$0	\$0	\$60,500	\$60,500
2050-2140-543002	Water	CO	Base	\$0	\$0	\$0	\$0	\$0	\$5,450,000	\$5,450,000
2050-2140-543002	Water	DS	Base	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000
2050-2140-544001	Water	CB	Base	\$0	\$0	\$0	\$0	\$0	\$85,500	\$85,500
<b>Project Total</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,196,000</b>	<b>\$6,196,000</b>

## Water

Account	Program	Project/ Segment	Carry/ Base	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
<u>White Mountain Apache Tribe Water Rights Purchase</u>										
UT00234 (Page Number 245)										
2167-2227-523515	Water	OT	Base	\$0	\$1,726,020	\$509,176	\$483,286	\$457,395	\$431,505	\$3,607,382
<b>Project Total</b>				<b>\$0</b>	<b>\$1,726,020</b>	<b>\$509,176</b>	<b>\$483,286</b>	<b>\$457,395</b>	<b>\$431,505</b>	<b>\$3,607,382</b>
<u>Zone 1/2 PRV Upgrades (91st and Cactus)</u>										
UT00261 (Page Number 246)										
2050-2140-525515	Water	AT	Base	\$0	\$13,000	\$0	\$0	\$0	\$0	\$13,000
2050-2140-543002	Water	CO	Base	\$0	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
2050-2140-544001	Water	CB	Base	\$0	\$36,000	\$0	\$0	\$0	\$0	\$36,000
2050-2140-543002	Water	CO	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Project Total</b>				<b>\$150,000</b>	<b>\$1,349,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,499,000</b>
<b>Total - Water</b>				<b>96,994,788</b>	<b>21,109,463</b>	<b>\$8,331,801</b>	<b>18,454,478</b>	<b>10,140,470</b>	<b>82,798,247</b>	<b>\$237,829,247</b>

<b>Total 10-Year CIP FY 2019-2028</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 25-29</b>	<b>Total</b>
	\$256,454,658	\$67,263,109	\$50,703,474	\$84,380,360	\$37,634,946	\$182,210,557	\$726,341,328

<b>Project #</b>	<b>Project Name</b>	<b>Project Type</b>	<b>Department</b>	<b>Pg #</b>
AT02020	Arts Distribution FY2020	Operational Facilities	Finance and Budget	56
CB02020	Chargeback Distribution FY2020	Operational Facilities	Finance and Budget	63
CD00007	Impact Fee Study	Operational Facilities	Planning and Community De	73
CD00008	Community Assistance Resource Center	Operational Facilities	Planning and Community De	65
COP0001	Community Works Program	Operational Facilities	Parks, Recreation and Com	66
CS00004	Retention Basin Refresh Program	Parks & Recreation	Parks, Recreation and Com	120
CS00019	Neighborhood Parks Refresh Program	Parks & Recreation	Parks, Recreation and Com	110
CS00059	Paloma Community Park	Parks & Recreation	Parks, Recreation and Com	116
CS00067	Community Services Master Plan	Parks & Recreation	Parks, Recreation and Com	105
CS00086	The Meadows Neighborhood Park	Parks & Recreation	Parks, Recreation and Com	126
CS00088	99th Ave and Olive Trailhead	Parks & Recreation	Parks, Recreation and Com	101
CS00128	New River Trail; Williams Rd to Happy Valley Rd	Parks & Recreation	Parks, Recreation and Com	114
CS00146	Skunk Creek Multi-Use Path	Parks & Recreation	Parks, Recreation and Com	123
CS00159	Trailhead at Vistancia	Parks & Recreation	Parks, Recreation and Com	127
CS00162	NRT - Jomax Rd to CAP and CAP to LPP	Parks & Recreation	Parks, Recreation and Com	115
CS00165	New River Trail - Happy Valley Rd to Jomax	Parks & Recreation	Parks, Recreation and Com	111
CS00176	AFR Trail; Jomax Rd to CAP & CAP to LPP	Parks & Recreation	Parks, Recreation and Com	102
CS00177	Parks, Recreation, Community Fac ADA Compliance	Parks & Recreation	Parks, Recreation and Com	119
CS00185	Park and Recreation Facility Refurbishment	Parks & Recreation	Parks, Recreation and Com	118
CS00195	Ball Field Lighting	Parks & Recreation	Parks, Recreation and Com	103
CS00196	New River Trail - Villa Lindo and Pinnacle Pk	Parks & Recreation	Parks, Recreation and Com	112
CS00202	New River Trail Connections	Parks & Recreation	Parks, Recreation and Com	113
CS00203	Country Meadows Park Improvements	Parks & Recreation	Parks, Recreation and Com	106
CS00204	Sonoran Mountain Ranch Park Improvements	Parks & Recreation	Parks, Recreation and Com	124
CS00205	Inclusive Playground at Rio Vista Community Park	Parks & Recreation	Parks, Recreation and Com	107
CS00206	Sunrise Mountain Trailhead	Parks & Recreation	Parks, Recreation and Com	125
CS00208	Irrigation and Turf Improvements Program	Parks & Recreation	Parks, Recreation and Com	108
CS00215	Rio Vista Skate Park	Parks & Recreation	Parks, Recreation and Com	121
CS00217	Mountain Trail Improvements	Parks & Recreation	Parks, Recreation and Com	109
CS00218	Paloma Community Park Trails	Parks & Recreation	Parks, Recreation and Com	117
CS00223	Senator McCain Vietnam Veterans Memorial Plaza	Parks & Recreation	Parks, Recreation and Com	122
CS00229	Centennial Plaza Decades Walk Expansion 10-20 Yrs	Parks & Recreation	Parks, Recreation and Com	104
CS00230	Westwing Park - ADA Connection to Maya Way	Parks & Recreation	Development and Engineerin	128
ED00008	Maxwell Technologies	Economic Development	Economic Development Ser	42
ED00015	GE Avionics (Aviage Systems)	Economic Development	Economic Development Ser	40
ED00018	Huntington University	Economic Development	Economic Development Ser	41
ED00021	Denaro Medical Plaza	Economic Development	Economic Development Ser	39
ED00022	Modern Round	Economic Development	Economic Development Ser	43
ED00024	Old Town Parcel Assembly & Tenant Improvements	Economic Development	Development and Engineerin	45
ED00025	Commercial Abatement	Economic Development	Development and Engineerin	38

<b>Project #</b>	<b>Project Name</b>	<b>Project Type</b>	<b>Department</b>	<b>Pg #</b>
ED00027	NOVO Development	Economic Development	Economic Development Ser	44
ED00028	Peoria Forward Plan - ASU	Economic Development	Economic Development Ser	48
EN00015	Pinnacle Peak Rd; 91st Ave-Lake Pleasant Pkwy	Streets	Development and Engineerin	176
EN00021	Placemaking Initiative	Economic Development	Development and Engineerin	49
EN00100	67th Ave Widening; Pinnacle Peak to Happy Valley	Streets	Development and Engineerin	146
EN00119	Section 12 Neighborhood Drainage Improvements	Drainage	Development and Engineerin	30
EN00137	Union Hills Channel	Drainage	Development and Engineerin	33
EN00142	Northern Parkway	Streets	Development and Engineerin	168
EN00170	Traffic Signal Program	Traffic Control	Development and Engineerin	188
EN00243	Bridge Maintenance & Guardrail Replacement Program	Streets	Development and Engineerin	153
EN00354	New River & Jomax Rd Concrete Box Culvert	Drainage	Development and Engineerin	27
EN00395	Deer Valley Rd; 109th Ave to Lake Pleasant Pkwy	Streets	Development and Engineerin	159
EN00422	103rd Av; Northern Ave to Olive Ave -Full Street	Streets	Development and Engineerin	143
EN00433	Traffic Management Center Equipment Replacement	Traffic Control	Development and Engineerin	186
EN00455	Pinnacle Peak Drainage; 87th Ave to 91st Ave	Drainage	Development and Engineerin	29
EN00458	Neighborhood Drainage Program	Drainage	Development and Engineerin	26
EN00463	Happy Valley Pkwy Widening; LPP to Agua Fria	Streets	Development and Engineerin	161
EN00480	Lake Pleasant Parkway Sidewalk	Streets	Development and Engineerin	165
EN00524	Storm Drain Land Preservation - Land Preservation	Drainage	Development and Engineerin	32
EN00550	Cactus Rd & 69th Av Sidewalk, North Side	Streets	Development and Engineerin	155
EN00556	Peoria Auto District	Streets	Development and Engineerin	173
EN00563	Utility Undergrounding Program	Streets	Development and Engineerin	183
EN00582	83rd Ave Bus Shelters	Streets	Development and Engineerin	148
EN00585	Jomax Rd; Loop 303 to Vistancia Blvd	Streets	Development and Engineerin	163
EN00588	Lake Pleasant Pkwy & Dixileta Dr Intersection Mods	Streets	Development and Engineerin	166
EN00591	Jomax Rd Improvements; 72nd Dr to 75th Ave	Streets	Development and Engineerin	162
EN00592	75th Av; Grand Av to Tbird Rd Landscape Enhancemnt	Streets	Development and Engineerin	147
EN00593	67th Av; Olive Av to Redfield Rd Landscape Enhance	Streets	Development and Engineerin	145
EN00594	91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemn	Streets	Development and Engineerin	151
EN00599	Sonoran Mountain Ranch Emergency Access	Streets	Development and Engineerin	179
EN00614	Paradise RV Entrance & Union Hills Dr Modification	Streets	Development and Engineerin	169
EN00628	Skunk Creek Spillways	Drainage	Development and Engineerin	31
EN00631	91st Av & Hatfield Rd Drainage Facilities	Drainage	Development and Engineerin	23
EN00636	107th Av; Williams Rd to Hatfield Rd DCR	Streets	Development and Engineerin	144
EN00642	Deer Valley Rd and 95th Av Traffic Signal	Streets	Development and Engineerin	158
EN00645	Pedestrian and Shade Initiative	Economic Development	Development and Engineerin	47
EN00646	Old Town Streetscape	Economic Development	Development and Engineerin	46
EN00651	67th & Pinnacle Pk Regional Drainage Improvements	Drainage	Development and Engineerin	22
EN00657	85th Av & Olive Av Traffic Signal	Streets	Development and Engineerin	149
EN00666	Install CCTV Equipment Citywide	Traffic Control	Development and Engineerin	184

<b>Project #</b>	<b>Project Name</b>	<b>Project Type</b>	<b>Department</b>	<b>Pg #</b>
EN00673	Bus Stop Improvement Program	Operational Facilities	Public Works	62
EN00675	North Peoria Communications Backup	Traffic Control	Development and Engineerin	185
EN00680	Olive Av & 99th Av - Storm Drain Outfall Repair	Drainage	Development and Engineerin	28
EN00681	Greenway Channel Repairs	Drainage	Development and Engineerin	25
EN00682	Bedford Village Units 1 and 2 Basin Upgrades	Drainage	Development and Engineerin	24
EN00683	Peoria Av & 77th Av Intersection Improvements	Streets	Development and Engineerin	174
EN00689	Cactus Rd - 67th Av-83rd Av Landscape Enhancement	Streets	Development and Engineerin	154
EN00690	Peoria Av; 69th Av-79th Av Landscape Enhancement	Streets	Development and Engineerin	175
EN00691	Thunderbird Rd; 67th Av-81st Av Lndscape Enhancemnt	Streets	Development and Engineerin	182
EN00699	El Mirage Rd; Blackstone Dr to Westland Rd	Streets	Development and Engineerin	160
FD00011	Fire Station No. 2 Dorm Expansion	Public Safety	Fire-Medical	132
FD00014	Mobile and Portable Radios Replacement	Public Safety	Fire-Medical	135
FD00017	Self-Contained Breathing Apparatus	Public Safety	Fire-Medical	136
FD00020	Fire Support Services Building Fiber Installation	Public Safety	Fire-Medical	134
FD13101	Fire Station No. 7 Jomax Emergency Traffic Signal	Public Safety	Fire-Medical	133
IT00007	Data Backup System	Operational Facilities	Information Technology	68
IT00009	Network Infrastructure Replacement - Fire Stations	Operational Facilities	Information Technology	80
IT00010	Network Infrastructure Replacement - Greenway WTP	Operational Facilities	Information Technology	81
IT00011	Network Infrastructure Replacement - Beardsley WRF	Operational Facilities	Information Technology	78
IT00012	Network Infrastructure Replacement - Jomax WTF	Operational Facilities	Information Technology	82
IT00013	Network Infrastructure Replacement - Butler WRF	Operational Facilities	Information Technology	79
IT00014	Network Infrastructure Replacement - MOC	Operational Facilities	Information Technology	83
IT00017	Network Infrastructure Replacement - Quintero WTF	Operational Facilities	Information Technology	85
IT00018	Radio Subscriber Replacements	Operational Facilities	Information Technology	93
IT00025	Network Infrastructure Replacement-Sunrise Library	Operational Facilities	Information Technology	87
IT00031	Network Infrastructure Replacement - Pioneer Park	Operational Facilities	Information Technology	84
IT00034	Vistancia Radio Site	Operational Facilities	Information Technology	96
IT00036	Network Infrastructure Replacement - WiFi	Operational Facilities	Information Technology	86
NH00002	Peoria Center for Performing Arts Storage Building	Operational Facilities	Neighborhood and Human S	89
NH00004	Peoria Center for the Performing Arts - ADA Study	Operational Facilities	Neighborhood and Human S	90
NH00006	Neighborhood and Human Services ADA Compliance	Operational Facilities	Neighborhood and Human S	77
PW00025	ADA Accessibility	Streets	Development and Engineerin	152
PW00027	Major Street Repairs	Streets	Public Works	167
PW00046	Sidewalks Annual Program	Streets	Development and Engineerin	178
PW00050	Building Equipment Renovation and Replacement	Operational Facilities	Public Works	59
PW00060	Building Fixture and Finish Renovation	Operational Facilities	Public Works	60
PW00080	Peoria Center for Performing Arts Chiller	Operational Facilities	Neighborhood and Human S	88
PW00090	Public Safety Building Needs	Operational Facilities	Public Works	92
PW00109	87th Av & Peoria Av Intersection Alignment	Streets	Development and Engineerin	150
PW00133	Traffic Signal Interconnect Project (TSIP)	Traffic Control	Development and Engineerin	187

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PW00138	Pavement Management Program - Preservation	Streets	Public Works	170
PW00150	Roof Replacement	Operational Facilities	Public Works	95
PW00163	Chip Seal Rural Maintenance	Streets	Public Works	156
PW00306	Fleet Shop Repair	Operational Facilities	Public Works	70
PW00308	Fleet Shop Replacement	Operational Facilities	Public Works	71
PW00325	Peoria Transit Center	Operational Facilities	Public Works	91
PW00402	MOC Site Lighting Improvements	Operational Facilities	Public Works	76
PW00507	Energy Efficiency Projects	Operational Facilities	Public Works	69
PW00509	Renovate Main Library	Operational Facilities	Development and Engineerin	94
PW00510	Council Chambers Building Repair Program	Operational Facilities	Public Works	67
PW00512	Technical Pavement Condition Survey & Support	Streets	Public Works	181
PW00514	LED Lighting Retrofit	Operational Facilities	Public Works	74
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PW00995	City Parks Parking Lots - Asphalt Replacement	Streets	Public Works	157
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PW11160	Streetlight Pole Replacement Program	Streets	Public Works	180
PW13000	Pavement Management Program - Rehabilitation	Streets	Public Works	172
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UT00100	Butler WRF Headworks Rehabilitation	Wastewater	Water Services	258
UT00116	Lift Station Reconditioning	Wastewater	Water Services	264
UT00117	Wells - New Construction	Water	Water Services	241
UT00160	Utility Billing System	Water	Water Services	230
UT00170	West Agua Fria Water Lines	Water	Water Services	242
UT00171	West Agua Fria Wastewater Lines	Wastewater	Water Services	272
UT00191	Miscellaneous Local Wastewater Line Improvements	Wastewater	Water Services	267
UT00203	Miscellaneous Local Waterline Improvements	Water	Water Services	217
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UT00206	Water Facility Reconditioning	Water	Water Services	233
UT00234	White Mountain Apache Tribe Water Rights Purchase	Water	Water Services	245
UT00245	Agua Fria Booster/PRV	Water	Water Services	200
UT00256	Condition Assessment of Remote Sites	Water	Water Services	203
UT00261	Zone 1/2 PRV Upgrades (91st and Cactus)	Water	Water Services	246
UT00266	SCADA Equipment Replacement	Water	Water Services	225
UT00269	Lake Plsnt Pkwy 24-inch Waterline; Loop 303- LPWTP	Water	Water Services	215
UT00271	Integrated Water Utility Master Plan (IWUMP)	Water	Water Services	211
UT00272	Wellhead Water Quality Mitigation	Water	Water Services	240
UT00274	CAP Pump Station Rehabilitation	Water	Water Services	202
UT00284	Agua Fria Lift Station-Wastewater Campus Land	Wastewater	Water Services	251

<b>Project #</b>	<b>Project Name</b>	<b>Project Type</b>	<b>Department</b>	<b>Pg #</b>
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UT00296	Trunk Sewer Rehabilitation	Wastewater	Water Services	270
UT00298	Water & Wastewater Rate Study	Water	Water Services	232
UT00304	Technology and Security Master Plan	Water	Water Services	228
UT00307	Manhole Rehabilitation	Wastewater	Water Services	266
UT00308	Beardsley WRF Solids Pipeline Rehabilitation	Wastewater	Water Services	254
UT00309	Butler WRF Recharge Wells	Wastewater	Water Services	259
UT00310	Expansion of Reclaim System in Old Town Area	Water	Water Services	206
UT00311	Greenway WTP 8 MGD Expansion	Water	Water Services	209
UT00312	Desert Harbor-Arrowhead Shores Well Mixing	Water	Water Services	204
UT00314	Beardsley WRF Expansion	Wastewater	Water Services	253
UT00316	Greenway WTP Equipment Upgrade and Replacement	Water	Water Services	210
UT00317	Beardsley WRF Equipment Upgrade and Replacement	Wastewater	Water Services	252
UT00321	SROG Line Assessment & Repair	Wastewater	Water Services	267
UT00322	Trunk Sewer Line Inspection	Wastewater	Water Services	269
UT00323	Jomax WRF Equipment Upgrade and Replacement	Wastewater	Water Services	261
UT00326	Water Meter Replacement Program	Water	Finance and Budget	235
UT00327	Sports Complex/WI 15 Well Connection	Water	Water Services	226
UT00328	Patterson Reservoir - Existing Well Connection	Water	Water Services	220
UT00333	Butler WRF Equipment Upgrade and Replacement	Wastewater	Water Services	257
UT00334	Pyramid Peak Water Treatment Plant Expansion	Water	Water Services	222
UT00335	Water Line Assessment and Replacement	Water	Water Services	234
UT00336	Westland Rd. Reservoir and Booster Station	Water	Water Services	243
UT00388	Jomax WRF Expansion	Wastewater	Water Services	262
UT00389	Jomax WRF Operations Building	Wastewater	Water Services	263
UT00390	New River Utility Co. Acquisition & Improvements	Water	Water Services	219
UT00398	101st Ave and Northern Lift Station Pretreatment	Wastewater	Water Services	250
UT00400	75th Ave 16" Waterline Cholla St to Thunderbird Rd	Water	Water Services	197
UT00408	75th Avenue and Grand PRV Upgrade	Water	Water Services	198
UT00410	Butler Well Site Rehabilitation	Water	Water Services	201
UT00412	Terramar Booster Pump Station Rehabilitation	Water	Water Services	229
UT00414	WI08 Bailey Well Site Improvements	Water	Water Services	231
UT00418	Quintero WTP Equipment Upgrade and Replacement	Water	Water Services	223
UT00420	Butler WRF Aeration System Upgrades	Wastewater	Water Services	256
UT00422	Butler IPS Equipment Upgrade and Replacement	Wastewater	Water Services	255
UT00428	Water/Wastewater Hydraulic Model Update	Water	Water Services	237
UT00430	El Mirage Road Waterline Upsizing	Water	Water Services	205
UT00432	El Mirage Road Sewer Infrastructure Upsizing	Wastewater	Water Services	260
UT00434	MOC Reservoir Site Improvements	Water	Water Services	218
UT00436	Wastewater System Additional R & M Expense	Wastewater	Water Services	271

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UT00439	Lake Pleasant Parkway 16-inch Waterline	Water	Water Services	214
UT00440	67th Ave. 16-in Waterline Pinnacle Pk. To Hatfield	Water	Water Services	196
UT00441	Weedville Well Site Rehabilitation	Water	Water Services	239
UT00442	Sweetwater Well Site Rehabilitation	Water	Water Services	227
UT00445	LPH Mystic Water Oversizing	Water	Water Services	216
UT00446	LPH Mystic Wastewater Oversizing	Wastewater	Water Services	265
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UT00503	Jomax Waterline - Loop 303 to El Mirage Road	Water	Water Services	213
UT00505	Reclaimed Water Master Plan Implementation	Water	Water Services	224

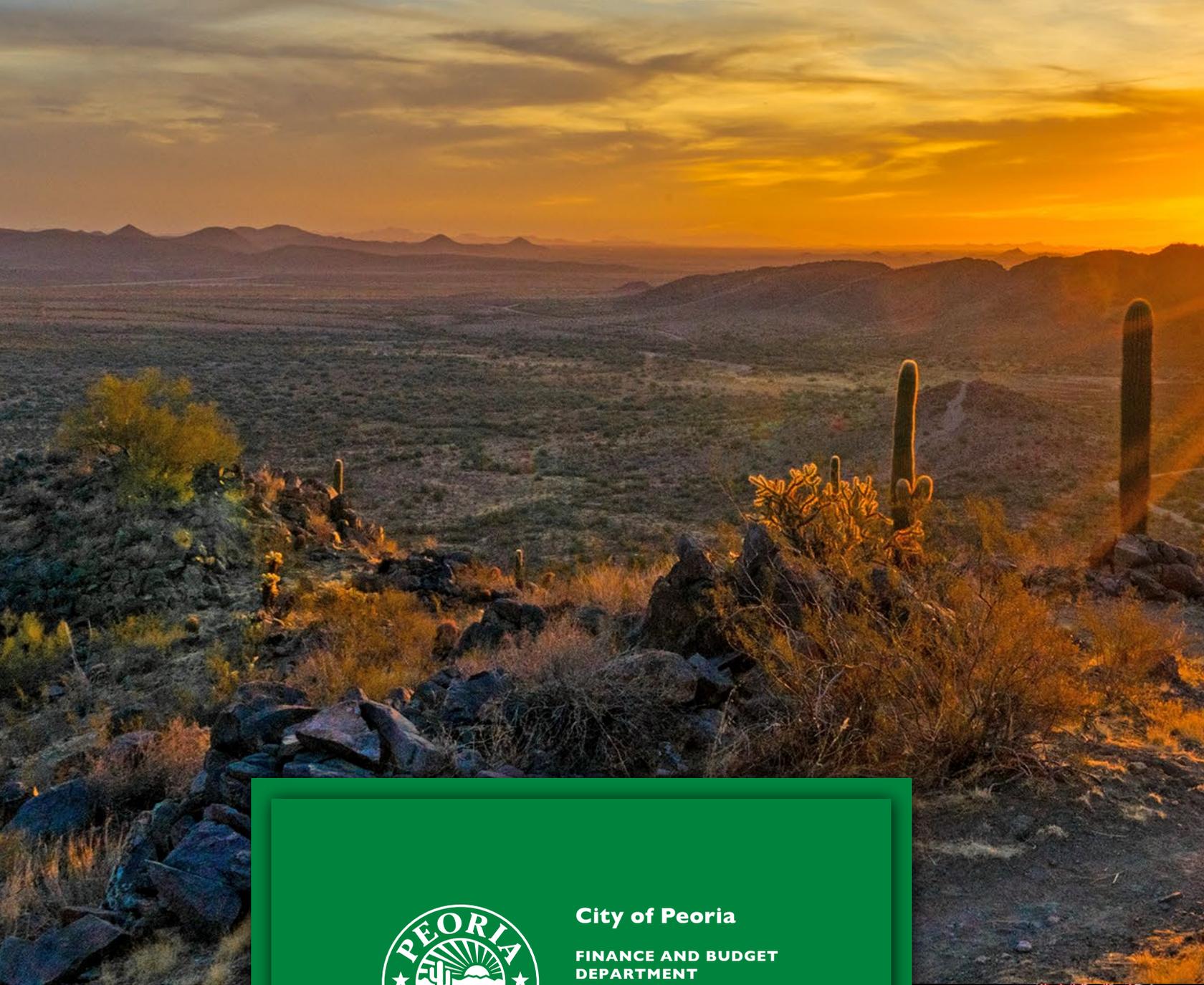


## Capital Improvement Program FY 2020-2029

### Summary by Funding Source

Fund Number and Name	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 25-29	Total
7915 - DIF - Open Space	\$105,000	\$0	\$0	\$0	\$0	\$0	\$105,000
7920 - DIF - Trails	\$325,582	\$0	\$0	\$0	\$0	\$0	\$325,582
7932 - DIF - Law Enf	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7935 - DIF - Fire	\$125,800	\$509,305	\$0	\$0	\$0	\$0	\$635,105
7937 - DIF - Fire	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7940 - DIF - General Gov't	\$1,360,000	\$0	\$0	\$0	\$0	\$0	\$1,360,000
7941 - DIF - Parks	\$0	\$0	\$0	\$0	\$9,000	\$9,000	\$18,000
7942 - DIF - Parks	\$1,753,272	\$0	\$0	\$75,000	\$9,000	\$9,000	\$1,846,272
7943 - DIF - Parks	\$2,877,169	\$0	\$0	\$75,000	\$9,000	\$9,000	\$2,970,169
<b>Total</b>	<b>\$256,454,658</b>	<b>\$67,263,109</b>	<b>\$50,703,474</b>	<b>\$85,329,170</b>	<b>\$84,380,360</b>	<b>\$182,210,557</b>	<b>\$726,341,328</b>





**City of Peoria**

**FINANCE AND BUDGET  
DEPARTMENT**

8401 West Monroe Street  
Peoria, Arizona 85345

[www.peoriaaz.gov](http://www.peoriaaz.gov)

