

**FY 2017-2018**

**Final Budget**

**Adopted**

**June 13, 2017**



**Exhibit A**  
**Final Budget**  
**June 13, 2017**

# Budget Document

## Section 1 – Financial Policies

This section includes the financial policies that are key to financial stability and long-term planning. The financial policies will be included in the FY17-18 Annual Budget book and cover four major areas;

1. Fiscal Planning and Budgeting
2. Cash and Budget Appropriation Transfers
3. Expenditure Control
4. Capital Asset and Debt Management
5. Fund Reserves and Structure

## Section 2 - Schedule One

This section includes Schedule One, a summary of the FY17-18 budgeted revenues and expenditures by fund. Schedule One is included in every annual budget document and provides a quick fund level summary of expected inflows (such as revenues) and outflows (such as expenditures) for each fund and, at a broader level, fund grouping (such as General Fund Group, Debt Service Fund Group, Internal Service Fund Group, etc.). Schedule One shows a total budget of \$672 million for FY17-18 with an operating budget of \$399 million, a capital improvement budget of \$151.5 million, a debt service budget of \$77 million, and a contingency appropriation of \$44.4 million. Schedule One also shows a total revenue budget of \$536.8 million and a total transfers budget of \$129 million.

## Section 3 - State of Arizona's Auditor General Budget Schedules

This section includes all of the State of Arizona's Office of the Auditor General's (AG) budget schedules. These schedules are labeled A through G and are identified in the following bullet points:

- Schedule A - Summary Schedule of Estimated Revenues and Expenditures/Expenses
- Schedule B - Tax Levy and Tax Rate Information
- Schedule C - Revenues Other Than Property Taxes
- Schedule D - Other Financing Sources/Uses and Interfund Transfers
- Schedule E - Expenditures/Expenses by Fund
- Schedule F - Expenditures/Expenses by Department
- Schedule G - Full-Time Employees and Personnel Compensation

## Section 4 – FY 2018-2027 Capital Improvement Plan

This section includes the City's Ten-Year Capital Improvement Plan. The reports included are identified by the following bullet points:

- Summary of All Capital Projects by Funding Type
- Fund Summary and Project Detail

# Section 1

## Financial Policies

## **FINANCIAL POLICIES**

A key component of the Fiscal Year 2017-18 (FY17-18) budget is the adoption of the Council's financial policies. This budget document includes the Council's amended financial policies to be considered for approval as part of the in the FY17-18 budget adoption process.

Council's financial policies serve as the foundation for establishing a strong, sustainable financial plan. The policies provide broad policy guidance related to *Fiscal Planning and Budgeting, Cash and Budget Appropriation Transfers, Expenditure Control, Capital Asset and Debt Management, and Fund Reserves and Structure*.

These five key financial policy areas are discussed on the following pages. For the purpose of these policies, a department is defined as a separate departmental unit presented in the City's most recent organizational chart. A fund is defined as a balanced set of accounts which appears as a column for reporting purposes in either the "Basic Financial Statements" or the "Combining Financial Statements" section of the City's Comprehensive Annual Financial Report (CAFR).

### **FISCAL PLANNING AND BUDGETING**

Fiscal planning is the process of identifying resources and allocating them among numerous and complex competing purposes. The primary vehicle for this planning is the preparation, monitoring and analysis of the budget. It is essential to incorporate a long-term perspective and to monitor the performance of the programs that are competing to receive funding.

The City Manager will submit to the Council a proposed annual budget, based on Council's established goals, and will execute the budget as finally adopted, pursuant to Title 42, Chapter 17, Article 3, Section 17105 of the Arizona Revised Statutes, as amended.

1. Revenue and expenditure forecasts will be prepared annually and will include a Five-Year Forecast for each major operating fund (General Fund, Enterprise Funds, and certain Special Revenue Funds). These Five-Year Forecasts will be prepared at the beginning of the operating budget process and 1) provide a long-term view of current year budget decisions affecting the City and 2) provide an estimate of the fund balance and sensitivity to revenue and expenditures changes over the forecast period.

- a. The budget will be balanced, by fund, when all projected ongoing revenue sources do not exceed all ongoing expenses proposed for the current FY and for the upcoming FY. Use of the unassigned fund balance will occur only as authorized by Council and to address one-time costs, not ongoing costs or planned utilization of fund balance.
- b. Revenues will not be dedicated for specific purposes unless approved by Council or required by law. All non-restricted revenues will be deposited in the General Fund and appropriated through the annual budget process.

2. To ensure ongoing General Fund stability, the primary property tax levy will be set each year at the maximum allowable amount.

3. Any proposed new service or program initiative will be developed to reflect current Council policy directives and shall be considered in the context of balancing ongoing anticipated revenues against ongoing anticipated expenses. Proposals will follow all related Council Financial Policies.

4. To ensure compliance with existing policy, all grant programs and any programs supplemented by outside funding will include a sunset provision consistent with the projected end of funding. Personnel paid with these funds will be considered temporary with no certainty of continued employment beyond the life of the funding unless otherwise approved by Council. Equipment and technology purchases with these kinds of funds are subject to the policies for the replacement funds.

5. The City Manager's recommended budget presented to Council will contain, at a minimum, the following elements:

- a. Revenue projections by major category, by fund;
- b. Expenditure projections by program levels and major expenditure category, by fund, including support provided to or received from other funds;
- c. Debt service principal and interest amounts;
- d. Proposed inter-fund transfers;
- e. Projected fund balance by fund;
- f. Proposed personnel staffing levels;
- g. Detailed schedule of capital projects;
- h. Any additional information, data, or analysis requested by Council.

6. The operating budget will be based on the principle that current ongoing operating expenditures, including debt service and support for other funds, will be funded with current ongoing revenues. The enterprise funds (water/sewer, sanitation and landfill) and the transportation sales tax fund will pay the indirect cost charges for services provided by other funds. Additional funds may be added upon Council approval.

7. The budget will not use one-time (non-recurring) sources to fund continuing (recurring) expenditures.

8. Addition of personnel will be requested only to meet existing program initiatives and policy directives after service needs have been thoroughly examined and only if increased net ongoing revenue is substantiated.

9. The Budget and Finance Department and Human Resources Department will work together to manage position control. The number of full-time and regular part-time employees on the payroll will not exceed the total number of full-time equivalent positions that Council authorizes and adopts with the annual budget.

10. Benefits and compensation will be administered in accordance with Council policy direction.
  - a. Total compensation will be evaluated periodically for competitiveness.
  - b. A cost containment strategy means total costs for health insurance premiums will be shared between the employer, employees and retirees. Total premiums will be evaluated on an annual basis to ensure they are reasonable, competitive and expected to address anticipated claims plus the maintenance of an adequate reserve for the Employee Benefits Fund. Funding will be based on an annual actuarial report and its 75% confidence funding level recommendation.
  - c. A policy will be developed regarding the continuation of retiree health insurance after the completion of a comprehensive evaluation of the impact of GASB 67 and the presentation of results to Council.
11. Ideas for improving the efficiency and effectiveness of the city's programs and the productivity of its employees will be considered during the budget process.
12. Carryover of unspent appropriation from one fiscal year to the next is not automatic. The Budget and Finance Department staff will evaluate carryover requests and make recommendations to the City Manager. Recommended requests will be included in the City Manager's budget presented to Council.
13. Salary savings will be retained to the greatest extent possible to build fund balance. Salary savings may be used for expenses upon the City Manager or their designee's, approval if within the same fund/department. Salary savings may be used for expenses between funds/departments upon Council approval within the last three months of the fiscal year.
14. Total fund appropriation changes must be approved by the Council. These changes must also comply with the city's Alternative Expenditure Limitation in accordance with Article IX, Section 20, Constitution of Arizona and A.R.S. § 41-563 where final budget adoption sets the maximum allowable appropriation for the upcoming fiscal year.
15. The replacement of General Fund capital equipment and related support for technology, vehicles and telephonic equipment [except cell phones] will be accomplished through the use of a "rental rate structure" that is revised annually as part of the annual budget process.
  - a. Any equipment purchased with grant funding will be considered for ongoing replacement and ongoing replacement premium funding only if specifically authorized by the City Manager and noted in the budget submittal.
  - b. The ongoing replacement costs for new technology and new vehicle purchases will be incorporated into the upcoming fiscal year's rental rate structure regardless of whether they are initially purchased through a lease or pay-as-you-go funding.
  - c. Replacements will be based on equipment lifecycle analyses by the Public Works Department for City vehicles, or the Budget and Finance Department for technology and telephonic systems.
16. The City Council supports economic development objectives that support the creation and retention of quality jobs (25% greater than the median average wage in Maricopa County), add

revenue, and enhance the quality of life in Glendale. City Council will consider incentives when the circumstances of the economic development opportunity warrant them necessary and appropriate for the opportunity and in the best interest of the City.

## **Cash and Budget Appropriation Transfers**

### **1. Purpose & Restrictions**

The following policy is established to implement an effective and efficient process by which the adopted City budget may be amended.

Throughout the course of the fiscal year, amendments to the budget are necessary to address new issues, increased prices, changes in scope of existing projects, and unforeseen issues affecting City operations. This policy applies to all cash and budget appropriation transfers initiated by the Mayor and City Council, the City Manager's Office, and/or departments. The City's Budget and Finance Department will process budget amendments in the financial management system, following appropriate authorization by the Mayor and City Council, the City Manager, and a Department Director.

For non-departmental operations, it may be necessary to transfer certain unanticipated amounts during the course of a fiscal year for unforeseen expenditures. These contingency appropriation transfers are not specific to any particular department and are established each fiscal year to cover unforeseen operation expenses, revenue shortages, or capital project acceleration as approved by Council. These funds can only be directed by Council during the fiscal year. Similar to contingency, the Council approves appropriations for Miscellaneous Grants which are not specific to any particular department and are established to cover unanticipated grants received during the fiscal year. The policy covering these types of transfers is covered in the Contingency & Miscellaneous Grant Appropriation Transfers section below.

Article VI, Section 11 of the City Charter establishes the legal restriction for budget appropriation transfers and reads as follows:

*The city manager may at any time transfer any unencumbered appropriation balance or portion thereof between general classifications of expenditures within an office, department or agency. At the request of the city manager and within the last three months of the fiscal year, the council may by ordinance transfer any unencumbered appropriation balance or portion thereof from one office, department or agency to another.*

### **2. Policy**

Based on the purpose and restrictions surrounding cash and budget transfers, the following policy sets forth the restrictions surrounding cash and budgetary appropriation transfers.

- a. Cash Transfers - Cash transfers between funds can only be authorized by Council in the last three months of the fiscal year.
- b. Cash & Appropriation Transfers Between Funds - Cash and associated budget appropriation transfers between funds can only be authorized by Council in the last three months of the fiscal year.



c. Appropriation Transfers

i. Between Funds- Budget appropriation transfers between funds can only be authorized by Council approval in the last three months of the fiscal year.

ii. Between Departments- Budget appropriation transfers between departments can only be authorized by Council approval in the last three months of the fiscal year.

iii. Within the Same Fund, Within the Same Department- Budget appropriation transfers within the same fund and within the same department can be authorized by City Manager approval throughout the fiscal year.

iv. Between Capital/Improvement Projects

(1) Between Departments - Capital improvement project budget appropriation transfers for projects managed between departments can be only authorized by Council approval in the last three months of the fiscal year.

(2) Within Departments - Capital improvement project budget appropriation transfers within the same department, and the same fund, can be authorized by City Manager approval throughout the fiscal year.

d. Restricted Fund Transfers - Cash and/or appropriation transfers into, and out of, restricted funds can only be authorized by Council approval. Only transfers within the intent of the restricted funds will be approved by Council. For restricted fund transfers, the Council shall be provided with

- i. justification that such transfers are consistent with restricted fund purposes,
- ii. assurance that the transfer has been legally reviewed by the City Attorney, and
- iii. assurance that the transfer meets the restrictions set out in this transfer policy.

e. Contingency & Miscellaneous Grant Appropriation Transfers- These types of transfers are not specific to any particular department:

- i. Contingency- Contingency budget appropriation transfers can be authorized by Council throughout the fiscal year.
- ii. Miscellaneous Grants- Miscellaneous Grant appropriation transfers can be authorized by the City Manager throughout the fiscal year.

f. Approval of Expenditures in Excess of Budget Appropriations - There may be emergency situations where a transfer is required before it is possible to obtain formal Council approval. In such cases, the Budget and Finance Department will advise the City Manager of the emergency condition and request approval. Upon approval, the Budget and Finance Department will seek Council ratification at the first possible Council meeting.

g. Authorization Levels: A tabular summary of the transfer type and authorization level is presented below:

	<b>Authorization Level</b>
<b>Cash Transfers (Between Funds)</b>	Council
<b>Cash &amp; Appropriation Transfers (Between Funds)</b>	Council
<b>Appropriation Transfers</b>	
Between Funds	Council
Between Funds – Same Departments	Council
Same Fund – Different Departments	Council
Same Fund – Same Department	City Manager
Contingency Appropriation	Council
Miscellaneous Grants	City Manager
<b>Appropriation Transfers – Between Capital Improvement Projects</b>	
Between Departments	Council
Same Fund – Same Department	City Manager

## **EXPENDITURE CONTROL**

Management will ensure compliance with the City Council adopted budget.

1. Expenditures will be controlled by an annual appropriated budget. Council will establish appropriations through the budget process. Council may transfer these appropriations as necessary through the budget amendment process as previously described.
2. The purchasing system will provide commodities and services in a timely manner to avoid interruptions in the delivery of services. All purchases will be made in accordance with the procurement code, purchasing policies, guidelines and procedures and applicable state and federal laws. The city may join various cooperative purchasing agreements to obtain supplies, equipment and services at the best value.
3. A system of internal controls and procedures using best practices will be maintained for the procurement and payment processes.
4. The State of Arizona sets a limit on the expenditures of local jurisdictions. Compliance with these expenditure limitations is required. The city will submit an audited expenditure limitation report as defined by the Uniform Expenditure Reporting System (A.R.S. Section 41-1279.07) along with audited financial statements to the State Auditor General within the required timeframe.

## **CAPITAL ASSET AND DEBT MANAGEMENT**

Long term debt is used to finance capital projects with long useful lives. Financing capital projects with debt provides for an “intergenerational equity” because the actual users of the capital asset pay for its cost over time, rather than one group of users paying in advance for the costs of the asset. The city will not give or loan its credit in aid of, nor make any donation, grant, or payment of any public funds, by subsidy or otherwise, to any individual, association, or corporation, except where there is a clearly identified public purpose and the city either receives direct consideration substantially equal to its expenditure or provides direct assistance to those in need. Long-term debt will not be used to fund current operations or smaller projects that can be financed from current revenues or resources.

1. A 10-year Capital Improvement Plan (CIP) will be updated annually as part of the budget process. It will include projected life cycle costing. Only the first year of the plan will be appropriated. The remainder will be projections to be addressed in subsequent years.
  - a. Life cycle costing is a method of calculating the total cost of a physical asset throughout its life. It is concerned with all costs of ownership and takes into account all of the costs incurred by an asset from its acquisition to its disposal, including design, installation, operating, and maintenance costs.
2. The 10-year CIP will address capital needs in the following order:
  - a. to improve existing assets;
  - b. to replace existing assets;
  - c. to construct new assets.

3. All projects will be evaluated annually by a multi-departmental team regarding
  - a. accuracy of the projected costs;
  - b. consistency with the General Plan and Council policy goals;
  - c. long-range master plans;
  - d. ability to finance initial capital costs;
  - e. ability to finance life cycle costs;
  - f. ability to cover the associated additional ongoing operating costs.
  
4. All projects funded with general obligation bonds will be undertaken only with voter approval as required through a bond election.
  - a. General Obligation debt is supported by secondary property tax revenues. The secondary property tax revenues assessed are based upon the ability to finance the City's debt service obligations and the rate is dependent upon the revenue requirements and the assessed valuation of taxable property. At a minimum, the general obligation debt service fund balance will be at least 10% of the next fiscal year's property tax supported debt service.
  
5. Non-voter approved debt supported by General Fund revenues such as Municipal Property Corporation (MPC) bonds, excise tax bonds, and lease obligations will be used only when a dedicated ongoing revenue source is identified to pay the associated debt service obligations. This type of debt service will not exceed 10% of the 5-year average of the General Fund's operating revenue available to support the debt service obligations.
  - a. For FY17-18, debt service is 12.1% of the General Fund operating revenue as defined above.
  
6. For non-voter approved debt, the following considerations will be made prior to the pledging of projected revenues for the ongoing payment of associated ongoing debt service obligations:
  - a. The project requires ongoing revenue not available from other sources.
  - b. Matching monies are available that may be lost if not applied for in a timely manner.
  - c. Catastrophic conditions.
  
7. Short-term borrowing or lease/purchase contracts should be considered for financing major operating capital equipment only when:
  - a. The repayment term does not exceed the expected useful life of the equipment to be purchased;
  - b. An ongoing revenue source is identified to pay the annual debt service; and
  - c. The Budget and Finance Director, along with the city's financial advisors, determine that this is in the city's best financial interest.
  
8. These policies are in addition to the policies incorporated in the Debt Management Plan.

## **FUND RESERVES AND STRUCTURE**

Fund balance is an important indicator of the City's financial position. Adequate fund balances are maintained to allow the City to continue to providing services to the community in case of economic downturns and/or unexpected emergencies or requirements. To ensure the continuance of sound financial management of public resources, committed, assigned, or unassigned General Fund, fund balance will be maintained to provide resources to address emergencies, sudden loss of revenue, or unexpected downturns in the economy. Use of fund balances will be limited to address unanticipated, non-recurring needs and planned future one-time or non-recurring obligations. Unassigned balances may, however, be used to allow time to restructure operations and must be approved by the City Council.

1. The minimum fund balance in the General Fund, which is defined as the total of the unassigned amount plus the assigned amount less the amount assigned for the equipment replacement, shall total 25% of the total annual ongoing revenues.
  - a. Inclusive in the 25% General Fund unassigned fund balance, a Budget Stabilization Reserve will be maintained at 10% of the General Fund operating revenues to be used in the event of unexpected revenue shortfalls if needed, and to be adjusted at year end.
  - b. Inclusive in the 25% General Fund unassigned fund balance, an Operating Reserve (established in FY14-15) for amounts over the General Fund Budget Stabilization Reserve and which will increase incrementally each year until it reaches at least 15% of the General Fund operating revenues by FY19-20, which is the ensuing five fiscal years. Any usage of this reserve must be approved by the majority of the City Council, and the City shall strive to replenish the Operating Reserve the following fiscal year. Examples of potential usage would be to provide funding to deal with fluctuations in fiscal cycles and Council approved operating requirements.
2. For the Water and Sewer Enterprise Fund;
  - a. The target for Working Capital will be 50% of operating expenses.
  - b. The Senior Lien Debt Service Coverage Ratio target will be 1.85.
  - c. The target for Days Cash on Hand will be 250 days.
3. For the Solid Waste Enterprise Fund, working capital will be maintained at 10% of operating revenues.
5. For the Landfill Enterprise Fund, working capital will be maintained at 15% of operating revenues.
6. For the other major governmental operating funds, the total minimum unassigned fund balance shall be as follows.
  - a. PSST 5% of operating revenue
  - b. HURF 15% of operating revenue
  - c. Others: 10% of operating revenue
7. If a situation arises where fund balance at the end of the current fiscal year is less than the Council approved fund balance level, the deficiency should be replenished in the coming fiscal years, not to exceed a total of five consecutive years.

7. If a situation arises where fund balance at the end of the current fiscal year is less than the Council approved fund balance level, the deficiency should be replenished in the coming fiscal years, not to exceed a total of five consecutive years.
8. The City Manager may establish additional assigned fund balance reserves for certain anticipated obligations or other purposes.
8. Any balance in excess of the fund balance reserves may be used to support one-time expenditures. Council approval is required to use these funds to supplement "pay as you go" capital outlay, one-time operating expenditures, or to prepay existing debt.
9. The fund balance for the various Trust Funds will be based on annual actuarial reports and the target funding level must be at the 75% confidence funding level.
10. Separate fund balance operating reserves may be required by bond issuance documents for those funds with outstanding bonded debt. These requirements will not be viewed as additional fund balance needs unless they are greater than those established by these goals.

**Section 2**  
**Schedule One**  
**Fund Balance Analysis**

City of Glendale  
Schedule 1 - Fund Balance Analysis

	Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
<b>General Fund</b>										
1000 General	41,265,832	214,420,313	26,403,268	(37,453,587)	(200,643,560)	-	-	(2,000,000)	(202,643,560)	41,992,266
1120 Vehicle Replacement	183,251	270,000	3,608,735	-	(3,608,735)	-	-	-	(3,608,735)	453,251
<b>Sub-Total General Fund</b>	<b>41,449,083</b>	<b>214,690,313</b>	<b>30,012,003</b>	<b>(37,453,587)</b>	<b>(204,252,295)</b>	<b>-</b>	<b>-</b>	<b>(2,000,000)</b>	<b>(206,252,295)</b>	<b>42,445,517</b>
<b>Special Revenue Funds</b>										
1200 Utility Bill Donation	52,610	165,400	-	-	(200,000)	-	-	-	(200,000)	18,010
1220 Arts Commission Fund	1,143,800	304,800	-	-	(247,911)	(883,849)	-	-	(1,131,760)	316,840
1240 Court Security/Bonds	465,821	447,890	-	-	(608,814)	-	-	-	(608,814)	304,897
1300 Home Grant	101,450	1,708,454	-	-	(1,678,454)	-	-	-	(1,678,454)	131,450
1310 Neighborhood Stabilization Pgm	111,253	298,816	-	-	(227,368)	-	-	-	(227,368)	182,701
1311 N'hood Stabilization Pgm III	90,559	227,300	-	-	(227,300)	-	-	-	(227,300)	90,559
1320 C.D.B.G.	-	4,215,127	-	-	(4,215,127)	-	-	-	(4,215,127)	-
1340 Highway User Gas Tax	18,901,221	15,616,779	-	(17,534,795)	(10,597,408)	-	-	(720,000)	(11,317,408)	5,665,797
1650 Transportation Grants	-	1,218,055	-	-	(1,000,000)	(218,055)	-	-	(1,218,055)	-
1660 Transportation Sales Tax	30,470,792	26,194,311	-	(23,672,484)	(13,922,695)	-	-	(2,100,000)	(16,022,695)	16,969,924
1700 Police Special Revenue	6,259,623	16,649,485	-	(17,919,485)	-	-	-	-	-	4,989,623
1720 Fire Special Revenue	960,070	8,383,783	-	(8,483,783)	-	-	-	-	-	860,070
1760 Airport Special Revenue	-	545,779	147,047	-	(692,826)	-	-	-	(692,826)	-
1820 CAP Grant	-	1,259,620	64,299	-	(1,323,919)	-	-	-	(1,323,919)	-
1830 Emergency Shelter Grants	-	208,992	-	-	(208,992)	-	-	-	(208,992)	-
1840 Grants	2,060,399	16,338,650	-	-	(7,528,537)	(15,000)	-	(10,855,512)	(18,399,049)	-
1860 RICO Funds	2,267,105	1,015,000	-	-	(2,258,922)	-	-	-	(2,258,922)	1,023,183
1885 Parks & Recreation Designated	196,027	6,480	-	-	(68,877)	-	-	-	(68,877)	133,630
2120 Airport Capital Grants	-	6,821,236	-	-	-	(6,821,236)	-	-	(6,821,236)	-
2530 Training Facility Revenue Fund	130,300	393,736	1,455,926	-	(1,849,662)	-	-	-	(1,849,662)	130,300
<b>Sub-Total Special Revenue Fund</b>	<b>63,211,030</b>	<b>102,019,693</b>	<b>1,667,272</b>	<b>(67,610,547)</b>	<b>(46,856,812)</b>	<b>(7,938,140)</b>	<b>-</b>	<b>(13,675,512)</b>	<b>(68,470,464)</b>	<b>30,816,984</b>
<b>Debt Service Funds</b>										
1900 G.O. Bond Debt Service	3,040,001	20,377,342	-	-	-	-	(20,203,317)	-	(20,203,317)	3,214,026
1940 M.P.C. Debt Service	2,623,542	-	18,180,235	-	-	-	(18,980,235)	-	(18,980,235)	1,823,542
1950 Excise Tax Deb Service	22,648	-	8,040,521	-	-	-	(8,040,521)	-	(8,040,521)	22,648
1970 Transportation Debt Service	194,315	-	7,146,500	-	-	-	(7,151,500)	-	(7,151,500)	189,315
<b>Sub-Total Debt Service Funds</b>	<b>5,880,506</b>	<b>20,377,342</b>	<b>33,367,256</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(54,375,573)</b>	<b>-</b>	<b>(54,375,573)</b>	<b>5,249,531</b>
<b>Permanent Funds</b>										
2280 Cemetery Perpetual Care	5,709,583	26,000	-	-	-	-	-	(5,735,583)	(5,735,583)	-
<b>Sub-Total Permanent Funds</b>	<b>5,709,583</b>	<b>26,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(5,735,583)</b>	<b>(5,735,583)</b>	<b>-</b>



City of Glendale  
Schedule 1 - Fund Balance Analysis

	Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
<b>Capital Project Funds</b>										
1380 DIF Library Blds	1,775,843	10,000	-	-	-	(1,755,029)	-	(30,814)	(1,785,843)	-
1421+ DIF-Fire Protection Facilities	1,527,536	254,762	-	-	-	-	-	(1,782,298)	(1,782,298)	-
1441+ DIF-Police Facilities	661,997	94,294	-	-	-	-	-	(756,291)	(756,291)	-
1461+ DIF-Citywide Parks	437,725	1,679	-	-	-	(332,453)	-	(106,951)	(439,404)	-
1481+ DIF-Citywide Recreation Fac	795,808	1,192	-	-	-	(797,000)	-	-	(797,000)	-
1501+ DIF-Libraries	2,112,171	13,172	-	-	-	(1,764,424)	-	(360,919)	(2,125,343)	-
1520 DIF-Citywide Open Spaces	509,016	2,546	-	-	-	(318,100)	-	(193,462)	(511,562)	-
1541+ DIF-Parks Dev Zone 1	445,013	171,448	-	-	-	(552,278)	-	(64,183)	(616,461)	-
1561+ DIF-Parks Dev Zone 2	457,670	1,265	-	-	-	(165,438)	-	(293,497)	(458,935)	-
1581+ DIF-Parks Dev Zone 3	-	429	-	-	-	-	-	(429)	(429)	-
1601+ DIF-Roadway Improvements	5,140,163	820,140	-	-	-	(3,115,478)	-	(2,844,825)	(5,960,303)	-
1620 DIF-General Government	163,370	818	-	-	-	-	-	(164,188)	(164,188)	-
1980 Streets Constr. - 1999 Auth	847,264	11,625,450	-	-	-	(12,472,714)	-	-	(12,472,714)	-
2000 HURF Street Bonds	-	-	17,534,795	-	-	(17,534,795)	-	-	(17,534,795)	-
2040 Public Safety Construction	357,506	2,351,250	-	-	-	(2,351,250)	-	(357,506)	(2,708,756)	-
2060 Parks Construction	121,728	-	-	-	-	(50,000)	-	(71,728)	(121,728)	-
2070 General Gov Capital Projects	7,888,273	-	3,097,148	-	-	(10,835,421)	-	(150,000)	(10,985,421)	-
2100 Economic Dev. Constr-1999 Auth	-	7,000,000	-	-	-	(7,000,000)	-	-	(7,000,000)	-
2130 Cultural Facility Bond Fund	262,088	-	-	-	-	(200,000)	-	(62,088)	(262,088)	-
2140 Open Space/Trails Constr-99 Au	226,795	-	-	-	-	(50,000)	-	(176,795)	(226,795)	-
2180 Flood Control Construction	2,128,956	-	-	-	-	(2,128,956)	-	-	(2,128,956)	-
2210 Transportation Capital Project	-	-	16,231,020	-	-	(16,231,020)	-	-	(16,231,020)	-
<b>Sub-Total Capital Fund</b>	<b>25,858,922</b>	<b>22,348,445</b>	<b>36,862,963</b>	<b>-</b>	<b>-</b>	<b>(77,654,356)</b>	<b>-</b>	<b>(7,415,974)</b>	<b>(85,070,330)</b>	<b>-</b>
<b>Enterprise Funds</b>										
2360+ Water and Sewer	99,307,087	83,355,399	23,060,046	(23,820,047)	(53,312,517)	(55,455,662)	(22,660,233)	(12,000,000)	(143,428,412)	38,474,073
2440 Landfill	9,049,671	10,383,545	674,772	(214,915)	(10,153,828)	(7,087,454)	-	(700,000)	(17,941,282)	1,951,791
2480 Solid Waste	1,910,475	15,339,883	128,528	-	(14,238,231)	(589,581)	-	(400,000)	(15,227,812)	2,151,074
2500 Pub Housing Budget Activities	-	15,519,078	386,563	-	(15,905,641)	-	-	-	(15,905,641)	-
<b>Sub-Total Enterprise Funds</b>	<b>110,267,233</b>	<b>124,597,905</b>	<b>24,249,909</b>	<b>(24,034,962)</b>	<b>(93,610,217)</b>	<b>(63,132,697)</b>	<b>(22,660,233)</b>	<b>(13,100,000)</b>	<b>(192,503,147)</b>	<b>42,576,938</b>
<b>Internal Service Funds</b>										
2540 Risk Management Self Insurance	1,963,275	4,001,466	-	-	(2,967,948)	-	-	(1,000,000)	(3,967,948)	1,996,793
2560 Workers Comp. Self Insurance	7,654,274	1,355,278	-	-	(2,279,542)	-	-	(1,000,000)	(3,279,542)	5,730,010
2580 Benefits Trust Fund	-	28,963,184	-	-	(28,963,184)	-	-	-	(28,963,184)	-
2590 Fleet Services	-	9,239,326	-	-	(9,239,326)	-	-	-	(9,239,326)	-
2591 Technology	-	8,752,070	-	-	(8,323,272)	-	-	(428,798)	(8,752,070)	-
2592 Technology Projects	2,050,448	477,869	-	-	(2,528,317)	-	-	-	(2,528,317)	-
2593 Citywide ERP Solution	-	-	2,939,693	-	-	(2,862,221)	-	-	(2,862,221)	77,472
<b>Sub-Total Internal Service Funds</b>	<b>11,667,997</b>	<b>52,789,193</b>	<b>2,939,693</b>	<b>-</b>	<b>(54,301,589)</b>	<b>(2,862,221)</b>	<b>-</b>	<b>(2,428,798)</b>	<b>(59,592,608)</b>	<b>7,804,275</b>
<b>TOTAL</b>	<b>264,044,354</b>	<b>536,848,891</b>	<b>129,099,096</b>	<b>(129,099,096)</b>	<b>(399,020,913)</b>	<b>(151,587,414)</b>	<b>(77,035,806)</b>	<b>(44,355,867)</b>	<b>(672,000,000)</b>	<b>128,893,245</b>

# Section 3

## Auditor General Schedules (A thru G)

City of Glendale  
 Summary Schedule of Estimated Revenues and Expenditures/Expenses  
 Fiscal Year 2018

Fiscal Year	S c h	FUNDS								
		General Fund	Special Revenue Fund	Debt Service Fund	Capital Projects Fund	Permanent Fund	Enterprise Funds Available	Internal Service Funds	Total All Funds	
2017	Adopted/Adjusted Budgeted Expenditures/Expenses*	E	206,386,199	76,873,059	54,667,611	76,828,057	5,709,583	217,691,791	54,843,700	693,000,000
2017	Actual Expenditures/Expenses**	E	203,504,668	45,790,293	54,667,611	36,888,612	0	147,270,095	53,358,957	541,480,236
2018	Fund Balance/Net Position at July 1***		41,449,083	63,211,030	5,880,506	25,858,922	5,709,583	110,267,233	11,667,997	264,044,354
2018	Primary Property Tax Levy	B	5,684,486							5,684,486
2018	Secondary Property Tax Levy	B			19,807,342					19,807,342
2018	Estimated Revenues Other than Property Taxes	C	209,005,827	102,019,693	570,000	22,348,445	26,000	124,597,905	52,789,193	511,357,063
2018	Other Financing Sources	D	0	0	0	0	0	0	0	0
2018	Other Financing (Uses)	D	0	0	0	0	0	0	0	0
2018	Interfund Transfers In	D	30,012,003	1,667,272	33,367,256	36,862,963	0	24,249,909	2,939,693	129,099,096
2018	Interfund Transfers (Out)	D	37,453,587	67,610,547	0	0	0	24,034,962	0	129,099,096
2018	Reduction for Amounts Not Available:									
	LESS: Amounts for Future Debt Retirement:									0
										0
										0
										0
2018	Total Financial Resources Available		248,697,812	99,287,448	59,625,104	85,070,330	5,735,583	235,080,085	67,396,883	800,893,245
2018	Budgeted Expenditures/Expenses	E	206,252,295	68,470,464	54,375,573	85,070,330	5,735,583	192,503,147	59,592,608	672,000,000

**EXPENDITURE LIMITATION COMPARISON**

1. Budgeted expenditures/expenses
2. Add/subtract: estimated net reconciling items
3. Budgeted expenditures/expenses adjusted for reconciling items
4. Less: estimated exclusions
5. Amount subject to the expenditure limitation
6. EEC expenditure limitation

	2017	2018
1. Budgeted expenditures/expenses	\$ 693,000,000	\$ 672,000,000
2. Add/subtract: estimated net reconciling items		
3. Budgeted expenditures/expenses adjusted for reconciling items	693,000,000	672,000,000
4. Less: estimated exclusions	220,089,427	249,924,142
5. Amount subject to the expenditure limitation	\$ 472,910,573	\$ 422,075,858
6. EEC expenditure limitation	\$ 554,464,628	\$ 568,852,831

The city/town does not levy property taxes and does not have special assessment districts for which property taxes are levied. Therefore, Schedule B has been omitted.

\* Includes Expenditure/Expense Adjustments Approved in the current year from Schedule E.

\*\* Includes actual amounts as of the date the proposed budget was prepared, adjusted for estimated activity for the remainder of the fiscal year.

\*\*\* Amounts on this line represent Fund Balance/Net Position amounts except for amounts not in spendable form (e.g., prepaids and inventories) or legally or contractually required to be maintained intact (e.g., principal of a permanent fund).

**City of Glendale  
Tax Levy and Tax Rate Information  
Fiscal Year 2018**

	<b>2017</b>	<b>2018</b>
1. Maximum allowable primary property tax levy. A.R.S. §42-17051(A)	\$ <u>5,732,896</u>	\$ <u>5,912,749</u>
2. Amount received from primary property taxation in the <b>current year</b> in excess of the sum of that year's maximum allowable primary property tax levy. A.R.S. §42-17102(A)(18)	\$ <u>                    </u>	
3. Property tax levy amounts		
A. Primary property taxes	\$ <u>5,621,452</u>	\$ <u>5,684,486</u>
B. Secondary property taxes	<u>19,587,858</u>	<u>19,807,342</u>
C. Total property tax levy amounts	\$ <u>25,209,310</u>	\$ <u>25,491,828</u>
4. Property taxes collected*		
A. Primary property taxes		
(1) <b>Current</b> year's levy	\$ <u>5,565,237</u>	
(2) Prior years' levies	<u>16,002</u>	
(3) Total primary property taxes	\$ <u>5,581,239</u>	
B. Secondary property taxes		
(1) <b>Current</b> year's levy	\$ <u>19,391,979</u>	
(2) Prior years' levies	<u>48,733</u>	
(3) Total secondary property taxes	\$ <u>19,440,712</u>	
C. Total property taxes collected	\$ <u>25,021,952</u>	
5. Property tax rates		
A. City/Town tax rate		
(1) Primary property tax rate	<u>0.4792</u>	<u>0.4632</u>
(2) Secondary property tax rate	<u>1.6698</u>	<u>1.6140</u>
(3) Total city/town tax rate	<u>2.1490</u>	<u>2.0772</u>
B. Special assessment district tax rates		
Secondary property tax rates - As of the date the proposed budget was prepared, the city/town was operating _____ special assessment districts for which secondary property taxes are levied. For information pertaining to these special assessment districts and their tax rates, please contact the city/town.		

\* Includes actual property taxes collected as of the date the proposed budget was prepared, plus estimated property tax collections for the remainder of the fiscal year.

**City of Glendale  
Revenues Other Than Property Taxes  
Fiscal Year 2018**

<b>SOURCE OF REVENUES</b>	<b>ESTIMATED REVENUES 2017</b>	<b>ACTUAL REVENUES* 2017</b>	<b>ESTIMATED REVENUES 2018</b>
<b>GENERAL FUND</b>			
<b>Local taxes</b>			
City Sales Tax	\$ 103,449,149	\$ 103,449,149	\$ 106,417,818
Arena Fees	1,249,618	1,249,618	1,249,618
<b>Licenses and permits</b>			
Gas/Electric Franchise Fees	2,856,280	2,856,280	\$ 2,884,843
Cable Franchise Fees	1,572,061	1,572,061	1,572,061
Building Permits	1,343,924	1,343,924	1,412,355
Fire Department Other Fees	1,012,525	1,012,525	1,119,022
Sales Tax Licenses	676,878	676,878	771,708
Right-of-Way Permits	336,627	336,627	362,824
Fire Dept CD Fees	361,258	361,258	464,772
Liquor Licenses	185,806	185,806	188,965
Planning/Zoning	239,300	239,300	264,470
Bus./Prof. Licenses	112,653	112,653	114,568
Miscellaneous CD Fees	145,310	145,310	160,594
Arena Fees	182,828	182,828	202,058
Engineering Plan Check Revenue	9,153	9,153	10,116
Plan Check Fees	4,137	4,137	4,572
<b>Intergovernmental</b>			
State Income Tax	\$ 29,376,937	\$ 29,376,937	\$ 30,138,618
State Shared Sales Tax	22,601,416	22,601,416	22,823,614
Motor Vehicle In-Lieu	9,329,684	9,329,684	10,180,951
Partner Revenue			
Arena Fees	350,000	350,000	350,000
Miscellaneous			
<b>Charges for services</b>			
Internal Charges	\$	\$	\$
Staff & Adm Chargebacks	9,700,000	9,700,000	10,000,000
Arena Fees	920,000	920,000	920,000
Facility Rental Income	1,986,963	1,986,963	2,018,728
Recreation Revenue	2,213,516	2,213,516	2,446,331
Partner Revenue			
Audio/Video Rental	25,503	25,503	28,185
Security Revenue	747,940	747,940	
Plan Check Fees	724,002	724,002	740,517
Miscellaneous	490,845	490,845	490,845
Fire Department Other Fees	493,047	493,047	493,047
Right-of-Way Permits	254,250	254,250	280,992
City Property Rental	332,822	332,822	332,822
Engineering Plan Check Revenue	132,404	132,404	149,797
Health Care Revenue	62,480	62,480	69,051
Court Revenue	56,952	56,952	62,942
Camelback Ranch Rev- Fire	54,065	54,065	59,752
Traffic Engineering Plan Check	31,181	31,181	35,046
Equipment Rental			

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Glendale  
Revenues Other Than Property Taxes  
Fiscal Year 2018**

<b>SOURCE OF REVENUES</b>	<b>ESTIMATED REVENUES 2017</b>	<b>ACTUAL REVENUES* 2017</b>	<b>ESTIMATED REVENUES 2018</b>
<b>Fines and forfeits</b>			
Court Revenue	2,753,610	2,753,610	\$ 2,784,540
Miscellaneous	255,278	255,278	282,128
Library Fines/Fees	134,085	134,085	148,188
<b>Interest on investments</b>			
Interest	420,041	426,431	\$ 468,507
<b>In-lieu property taxes</b>			
<b>Contributions</b>			
SRP In-Lieu	278,315	278,315	\$ 278,315
<b>Miscellaneous</b>			
Miscellaneous	4,436,721	4,789,795	\$ 4,001,231
Fire Department Other Fees	1,004,577	1,004,577	233,000
City Property Rental	1,003,354	1,003,354	1,003,354
Lease Proceeds	508,040	508,040	561,476
Cemetery Revenue	188,145	188,145	191,343
Library Fines/Fees	135,917	135,917	150,213
Other			
<b>Total General Fund</b>	<b>\$ 204,821,527</b>	<b>\$ 205,180,991</b>	<b>\$ 209,005,827</b>
<b>SPECIAL REVENUE FUNDS</b>			
<b>Public Facilities and Events Funds</b>			
Recreation Revenue	\$ 9,000	\$ 9,000	\$ 6,000
Interest	300	300	480
	<b>\$ 9,300</b>	<b>\$ 9,300</b>	<b>\$ 6,480</b>
<b>Community Services Grants</b>			
Grants	\$ 7,074,355	\$ 7,105,531	\$ 7,737,071
Miscellaneous	210,005	247,117	181,238
	<b>\$ 7,284,360</b>	<b>\$ 7,352,648</b>	<b>\$ 7,918,309</b>
<b>Other Grants</b>			
Grants	\$ 14,821,313	\$ 14,754,005	\$ 15,712,529
Miscellaneous	669,087	626,713	626,121
	<b>\$ 15,490,400</b>	<b>\$ 15,380,718</b>	<b>\$ 16,338,650</b>
<b>Public Safety Funds</b>			
City Sales Tax	\$ 14,249,636	\$ 14,249,636	\$ 14,748,373
City Sales Tax - PS .4	9,937,096	9,937,096	10,284,895
State Forfeitures	1,000,000	1,000,000	1,000,000
Federal Forfeitures	15,000	15,000	15,000
	<b>\$ 25,201,732</b>	<b>\$ 25,201,732</b>	<b>\$ 26,048,268</b>

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Glendale  
Revenues Other Than Property Taxes  
Fiscal Year 2018**

<b>SOURCE OF REVENUES</b>	<b>ESTIMATED REVENUES 2017</b>	<b>ACTUAL REVENUES* 2017</b>	<b>ESTIMATED REVENUES 2018</b>
<b>Transportation/HURF Funds</b>			
City Sales Tax	\$ 25,053,441	\$ 25,053,441	\$ 25,930,311
Grants	6,116,338	6,760,018	7,821,236
Highway User Revenues	14,288,974	14,288,974	15,608,779
Miscellaneous	15,867,586	3,559,017	289,974
Airport Fees	481,860	481,860	481,860
Transit Revenue	124,000	124,000	124,000
Interest	140,000	140,000	140,000
	\$ 62,072,199	\$ 50,407,310	\$ 50,396,160
<b>Charges for services</b>			
Partner Revenue	\$ 1,644,474	\$ 1,644,474	\$ 393,736
	\$ 1,644,474	\$ 1,644,474	\$ 393,736
<b>Fines and forfeits</b>			
Court Revenue	\$ 413,700	\$ 416,700	\$ 607,437
Interest	1,190		
	\$ 414,890	\$ 416,700	\$ 607,437
<b>Miscellaneous</b>			
Miscellaneous	\$ 437,573	\$ 212,050	\$ 310,653
	\$ 437,573	\$ 212,050	\$ 310,653
<b>Total Special Revenue Funds</b>	\$ 112,554,928	\$ 100,624,932	\$ 102,019,693
<b>DEBT SERVICE FUNDS</b>			
Miscellaneous	\$ 570,000	\$ 570,000	\$ 570,000
	\$ 570,000	\$ 570,000	\$ 570,000
<b>Total Debt Service Funds</b>	\$ 570,000	\$ 570,000	\$ 570,000
<b>CAPITAL PROJECTS FUNDS</b>			
<b>Development Impact Fee Funds</b>			
Development Impact Fees	\$ 1,681,000	\$ 2,130,480	\$ 1,303,941
Interest	88,146	94,679	67,804
	\$ 1,769,146	\$ 2,225,159	\$ 1,371,745
<b>G.O. Bond Funds</b>			
Miscellaneous	104,151		
Bond Proceeds	10,545,000		20,976,700
	\$ 10,649,151	\$	\$ 20,976,700
<b>Total Capital Projects Funds</b>	\$ 12,418,297	\$ 2,225,159	\$ 22,348,445
<b>PERMANENT FUNDS</b>			
<b>Cemetery Perpetual Care</b>			
Interest	\$ 26,000	\$ 27,000	\$ 26,000
	\$ 26,000	\$ 27,000	\$ 26,000
<b>Total Permanent Funds</b>	\$ 26,000	\$ 27,000	\$ 26,000

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Glendale  
Revenues Other Than Property Taxes  
Fiscal Year 2018**

<b>SOURCE OF REVENUES</b>	<b>ESTIMATED REVENUES 2017</b>	<b>ACTUAL REVENUES* 2017</b>	<b>ESTIMATED REVENUES 2018</b>
<b>ENTERPRISE FUNDS</b>			
<b>Water/Sewer Funds</b>			
Water Revenues	\$ 45,484,000	\$ 45,484,000	\$ 44,661,750
Sewer Revenue	31,830,000	31,830,000	31,518,875
Miscellaneous	11,479,000	11,479,000	4,948,274
Water Development Impact Fees	1,120,000	1,120,000	1,120,000
Sewer Development Impact Fees	700,000	700,000	700,000
Interest	253,500	253,500	253,500
Staff & Adm Chargebacks	82,000	82,000	82,000
City Property Rental	65,000	65,000	65,000
Facility Rental Income	6,000	6,000	6,000
	<u>\$ 91,019,500</u>	<u>\$ 91,019,500</u>	<u>\$ 83,355,399</u>
<b>Landfill</b>			
Tipping Fees	\$ 5,371,644	\$ 5,371,644	\$ 5,272,815
Recycling Sales	1,565,500	1,565,500	1,581,155
Internal Charges	2,550,000	2,550,000	2,728,500
Staff & Adm Chargebacks	431,000	431,000	431,000
Miscellaneous	215,000	215,000	215,000
Other	109,625	109,625	109,625
Interest	45,450	45,450	45,450
	<u>\$ 10,288,219</u>	<u>\$ 10,288,219</u>	<u>\$ 10,383,545</u>
<b>Solid Waste</b>			
Residential Sanitation	\$ 10,683,150	\$ 10,683,150	\$ 11,380,760
Commercial Sanitation Frontload	2,817,000	2,817,000	2,831,085
Commercial Sanitation Rolloff	800,000	800,000	804,000
Miscellaneous	101,000	101,000	101,000
Internal Charges	115,000	115,000	115,000
Miscellaneous Bin Service	100,500	100,500	101,003
Interest	7,000	7,000	7,035
	<u>\$ 14,623,650</u>	<u>\$ 14,623,650</u>	<u>\$ 15,339,883</u>
<b>Pub Housing Budget Activities</b>			
Grants	\$ 15,959,127	\$ 15,959,127	\$ 15,519,078
	<u>\$ 15,959,127</u>	<u>\$ 15,959,127</u>	<u>\$ 15,519,078</u>
<b>Total Enterprise Funds</b>	<u>\$ 131,890,496</u>	<u>\$ 131,890,496</u>	<u>\$ 124,597,905</u>

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.



**City of Glendale  
Revenues Other Than Property Taxes  
Fiscal Year 2018**

<b>SOURCE OF REVENUES</b>	<b>ESTIMATED REVENUES 2017</b>	<b>ACTUAL REVENUES* 2017</b>	<b>ESTIMATED REVENUES 2018</b>
<b>INTERNAL SERVICE FUNDS</b>			
<b>Risk Management Self Insurance</b>			
Internal Charges	\$ 3,058,001	\$ 3,058,001	\$ 3,851,466
Security Revenue	30,000	30,000	30,000
Interest	20,000	20,000	20,000
Miscellaneous	100,000	100,000	100,000
	<u>\$ 3,208,001</u>	<u>\$ 3,208,001</u>	<u>\$ 4,001,466</u>
<b>Workers Comp. Self Insurance</b>			
Internal Charges	\$ 2,300,014	\$ 2,300,014	\$ 1,299,278
Security Revenue	30,000	30,000	30,000
Interest	26,000	26,000	26,000
	<u>\$ 2,356,014</u>	<u>\$ 2,356,014</u>	<u>\$ 1,355,278</u>
<b>Benefits Trust Fund</b>			
City Contributions	\$ 15,946,287	\$ 15,946,287	\$ 18,083,924
Employee Contributions	5,946,545	5,946,545	5,946,472
Retiree Contributions	4,825,836	4,825,836	4,825,836
Miscellaneous	104,552	104,552	104,552
Right-of-Way Permits	1,620	1,620	1,620
Interest	780	780	780
	<u>\$ 26,825,620</u>	<u>\$ 26,825,620</u>	<u>\$ 28,963,184</u>
<b>Fleet Services</b>			
Internal Charges	\$ 9,177,762	\$ 9,177,762	\$ 9,239,326
	<u>\$ 9,177,762</u>	<u>\$ 9,177,762</u>	<u>\$ 9,239,326</u>
<b>Technology</b>			
Internal Charges	\$ 7,219,923	\$ 7,219,923	\$ 8,752,070
	<u>\$ 7,219,923</u>	<u>\$ 7,219,923</u>	<u>\$ 8,752,070</u>
<b>Technology Projects</b>			
Internal Charges	1,427,225	1,427,225	\$ 477,869
	<u>\$ 1,427,225</u>	<u>\$ 1,427,225</u>	<u>\$ 477,869</u>
<b>Total Internal Service Funds</b>	<u>\$ 50,214,545</u>	<u>\$ 50,214,545</u>	<u>\$ 52,789,193</u>
<b>TOTAL ALL FUNDS</b>	<u>\$ 512,495,793</u>	<u>\$ 490,733,123</u>	<u>\$ 511,357,063</u>

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Glendale**  
**Other Financing Sources/<Uses> and Interfund Transfers**  
**Fiscal Year 2018**

FUND	OTHER FINANCING 2018		INTERFUND TRANSFERS 2018	
	SOURCES	<USES>	IN	<OUT>
<b>GENERAL FUND</b>				
1000 - General	\$	\$	\$ 26,403,268	\$ 37,453,587
1120 - Vehicle Replacement			3,608,735	
<b>Total General Fund</b>	\$	\$	\$ 30,012,003	\$ 37,453,587
<b>SPECIAL REVENUE FUNDS</b>				
1340 - Highway User Revenue Fund	\$	\$		\$ 17,534,795
1660 - Transportation Sales Tax Fund				23,672,484
1700 - Police Special Revenue Fund				17,919,485
1720 - Fire Special Revenue Fund				8,483,783
1760 - Airport Special Revenue Fund			147,047	
1820 - CAP Grant			64,299	
2530 - Training Facility Revenue Fund			1,455,926	
<b>Total Special Revenue Funds</b>	\$	\$	\$ 1,667,272	\$ 67,610,547
<b>DEBT SERVICE FUNDS</b>				
1900 - G.O. Bonds Debt Service	\$	\$		\$
1940 - M.P.C. Debt Service			18,180,235	
1950 - Excise Tax Debt Service			8,040,521	
1970 - Transportation Debt Service			7,146,500	
<b>Total Debt Service Funds</b>	\$	\$	\$ 33,367,256	\$
<b>CAPITAL PROJECTS FUNDS</b>				
2000 - HURF Street Capital Projects	\$	\$	\$ 17,534,795	\$
2070 - General Government Capital Projects			3,097,148	
2210 - Transportation Capital Projects			16,231,020	
<b>Total Capital Projects Funds</b>	\$	\$	\$ 36,862,963	\$
<b>PERMANENT FUNDS</b>				
<b>Total Permanent Funds</b>	\$	\$	\$	\$
<b>ENTERPRISE FUNDS</b>				
2360+ - Water/Sewer	\$	\$	\$ 23,060,046	\$ 23,820,047
2440 - Landfill			674,772	214,915
2480 - Solid Waste			128,528	
2500 - Public Housing			386,563	
<b>Total Enterprise Funds</b>	\$	\$	\$ 24,249,909	\$ 24,034,962
<b>INTERNAL SERVICE FUNDS</b>				
2593 - Citywide ERP Solution	\$	\$	\$ 2,939,693	\$
<b>Total Internal Service Funds</b>	\$	\$	\$ 2,939,693	\$
<b>TOTAL ALL FUNDS</b>	\$	\$	\$ 129,099,096	\$ 129,099,096

**City of Glendale  
Expenditures/Expenses by Fund  
Fiscal Year 2018**

<b>FUND/DEPARTMENT</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
<b>GENERAL FUND</b>				
Budget and Finance	\$ 4,267,604	\$	\$ 4,267,604	\$ 4,859,390
City Attorney	3,263,392		3,263,392	3,392,597
City Auditor	375,679		375,679	386,430
City Clerk	841,880		841,880	730,752
City Court	4,446,913		4,446,913	4,712,532
City Manager	974,440		974,440	895,059
Community Services	6,066,010		6,060,249	5,564,336
Council Districts&Of	968,453		968,453	1,094,931
Development Services	4,985,651		4,981,651	5,388,471
Economic Development	999,682		999,682	1,125,563
Fire Services	42,560,721		41,531,890	43,413,023
HR & Risk Mgt	1,829,625		1,829,625	1,873,624
Mayor's Office	368,222		368,222	423,101
Non-Departmental	17,876,424	3,000,000	20,794,667	15,085,275
Police Services	84,738,048		84,738,048	88,114,762
Public Affairs	2,213,033		2,213,033	2,250,448
Public Facilities & Events	11,780,970		11,919,255	12,918,234
Public Works	12,829,452	758,454	12,929,985	12,023,767
Contingency	5,000,000	(3,758,454)		2,000,000
<b>Total General Fund</b>	<b>\$ 206,386,199</b>	<b>\$</b>	<b>\$ 203,504,668</b>	<b>\$ 206,252,295</b>
<b>SPECIAL REVENUE FUNDS</b>				
City Court	\$ 616,775	\$	\$ 569,286	\$ 608,814
Community Services	8,542,907	23,950	7,633,008	9,537,920
Fire Services	5,189,096		4,217,927	6,052,425
Misc. Grants	3,940,011	(32,043)	397,229	6,705,512
Non-Departmental	200,000		200,000	200,000
Police Services	8,679,670		6,515,075	8,513,058
Public Facilities & Events	237,895		87,895	258,877
Public Works	46,632,222	22,576	26,169,873	33,773,858
Contingency	2,820,000			2,820,000
<b>Total Special Revenue Funds</b>	<b>\$ 76,858,576</b>	<b>\$ 14,483</b>	<b>\$ 45,790,293</b>	<b>\$ 68,470,464</b>
<b>DEBT SERVICE FUNDS</b>				
General Obligation	\$ 21,311,988	\$	\$ 21,311,988	\$ 20,203,317
Excise Tax Bonds	6,925,521		6,925,521	8,040,521
Highway User (HURF)				
Municipal Property Corp	19,281,102		19,281,102	18,980,235
Transportation Obligation	7,149,000		7,149,000	7,151,500
<b>Total Debt Service Funds</b>	<b>\$ 54,667,611</b>	<b>\$</b>	<b>\$ 54,667,611</b>	<b>\$ 54,375,573</b>

**City of Glendale  
Expenditures/Expenses by Fund  
Fiscal Year 2018**

<b>FUND/DEPARTMENT</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
<b>CAPITAL PROJECTS FUNDS</b>				
Community Services	\$ 638,614	\$	\$ 230,739	\$ 3,719,453
Economic Development	16,637,500		2,147	7,000,000
General Government	9,880,501		485,965	9,245,940
Police Services	2,351,250		1,148,565	2,351,250
Public Facilities & Events	1,535,460		1,088,646	1,947,169
Public Works	38,859,173	218,467	33,932,550	53,390,544
Contingency	6,707,092			7,415,974
<b>Total Capital Projects Funds</b>	<b>\$ 76,609,590</b>	<b>\$ 218,467</b>	<b>\$ 36,888,612</b>	<b>\$ 85,070,330</b>
<b>PERMANENT FUNDS</b>				
Contingency	\$ 5,709,583	\$	\$	\$ 5,735,583
<b>Total Permanent Funds</b>	<b>\$ 5,709,583</b>	<b>\$</b>	<b>\$</b>	<b>\$ 5,735,583</b>
<b>ENTERPRISE FUNDS</b>				
Development Services	\$ 170,642	\$	\$ 170,642	\$ 175,051
Budget and Finance	3,223,804		3,223,804	3,079,149
Community Services	16,047,175		16,047,175	15,905,641
Public Works	35,203,126		23,793,730	32,069,094
Water Services	140,396,061		83,883,761	105,513,979
Water Services Debt	20,150,983		20,150,983	22,660,233
Contingency	2,500,000			13,100,000
<b>Total Enterprise Funds</b>	<b>\$ 217,691,791</b>	<b>\$</b>	<b>\$ 147,270,095</b>	<b>\$ 192,503,147</b>
<b>INTERNAL SERVICE FUNDS</b>				
HR & Risk Mgt	\$ 31,982,104	\$	\$ 31,982,104	\$ 34,210,674
Innovation & Technology	12,530,935	(232,950)	12,297,985	11,280,387
Public Works	9,163,611		9,078,868	9,239,326
City Wide ERP Solution				2,862,221
Contingency	1,400,000			2,000,000
<b>Total Internal Service Funds</b>	<b>\$ 55,076,650</b>	<b>\$ (232,950)</b>	<b>\$ 53,358,957</b>	<b>\$ 59,592,608</b>
<b>TOTAL ALL FUNDS</b>	<b>\$ 693,000,000</b>	<b>\$</b>	<b>\$ 541,480,236</b>	<b>\$ 672,000,000</b>

\* Includes actual expenditures/expenses recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated expenditures/expenses for the remainder of the fiscal year.

**City of Glendale**  
**Expenditures/Expenses by Department**  
**Fiscal Year 2018**

<b>DEPARTMENT/FUND</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
<b>City Attorney</b>				
1000 - General	\$ 3,263,392	\$ -	\$ 3,263,392	\$ 3,392,597
<b>City Attorney Total</b>	<b>\$ 3,263,392</b>	<b>\$ -</b>	<b>\$ 3,263,392</b>	<b>\$ 3,392,597</b>
<b>City Auditor</b>				
1000 - General	\$ 375,679	\$ -	\$ 375,679	\$ 386,430
<b>City Auditor Total</b>	<b>\$ 375,679</b>	<b>\$ -</b>	<b>\$ 375,679</b>	<b>\$ 386,430</b>
<b>City Clerk</b>				
1000 - General	\$ 841,880	\$ -	\$ 841,880	\$ 730,752
<b>City Clerk Total</b>	<b>\$ 841,880</b>	<b>\$ -</b>	<b>\$ 841,880</b>	<b>\$ 730,752</b>
<b>City Court</b>				
1000 - General	\$ 4,446,913	\$ -	\$ 4,446,913	\$ 4,712,532
1240 - Court Security/Bonds	616,775	-	569,286	608,814
<b>City Court Total</b>	<b>\$ 5,063,688</b>	<b>\$ -</b>	<b>\$ 5,016,199</b>	<b>\$ 5,321,346</b>
<b>City Manager</b>				
1000 - General	\$ 974,440	\$ -	\$ 974,440	\$ 895,059
<b>City Manager Total</b>	<b>\$ 974,440</b>	<b>\$ -</b>	<b>\$ 974,440</b>	<b>\$ 895,059</b>
<b>Community Services</b>				
1000 - General	\$ 6,066,010	\$ -	\$ 6,060,249	\$ 5,564,336
1220 - Arts Commission Fund	919,248	-	235,399	1,131,760
1300 - Home Grant	1,674,704	-	1,674,704	1,678,454
1310 - Neighborhood Stabilization Pgm	229,443	-	229,443	227,368
1311 - Neighborhd Stabilization Pgm3	227,300	-	227,300	227,300
1320 - C.D.B.G.	3,683,422	-	3,683,422	4,215,127
1380 - DIF-Library Blds pre SB1525	-	-	-	1,755,029
1500 - DIF-Libraries pre SB1525	638,614	81,476	230,739	1,764,424
1820 - CAP Grant	1,324,798	-	1,324,798	1,323,919
1830 - Emergency Shelter Grants	208,992	-	208,992	208,992
1840 - Other Federal and State Grants	275,000	23,950	48,950	525,000
2500 - Pub Housing Budget Activities	16,047,175	-	16,047,175	15,905,641
<b>Community Services Total</b>	<b>\$ 31,294,706</b>	<b>\$ 105,426</b>	<b>\$ 29,971,171</b>	<b>\$ 34,527,350</b>
<b>Contingency</b>				
1000 - General	\$ 5,000,000	\$ (3,758,454)	\$ -	\$ 2,000,000
1340 - Highway User Gas Tax	720,000	-	-	720,000
1380 - DIF-Library Blds pre SB1525	1,773,714	-	-	30,814
1420 - DIF-Fire Protec Fac pre SB1525	224,935	-	-	1,782,298
1440 - DIF-Police Faciliti pre SB1525	90,107	-	-	756,291
1460 - DIF-Citywide Parks pre SB1525	107,739	-	-	106,951
1500 - DIF-Libraries pre SB1525	1,746,169	(81,476)	-	360,919
1520 - DIF-Citywide Open Spaces	189,964	-	-	193,462
1540 - DIF-Parks Dev Zone1 pre SB1525	329,686	-	-	64,183
1560 - DIF-Parks Dev Zone2 pre SB1525	167,329	-	-	293,497
1580 - DIF-Parks Dev Zone3 pre SB1525	44,644	-	-	429
1600 - DIF-Roadway Improve pre SB1525	1,117,325	(847,297)	-	2,844,825
1620 - DIF-General Government	163,234	-	-	164,188
1660 - Transportation Sales Tax	2,100,000	(218,467)	-	2,100,000
2040 - Public Safety Construction	357,506	-	-	357,506
2060 - Parks Construction	92,487	-	-	71,728
2070 - General Gov Capital Projects	-	-	-	150,000

**City of Glendale**  
**Expenditures/Expenses by Department**  
**Fiscal Year 2018**

<b>DEPARTMENT/FUND</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
2130 - Cultural Facility Bond Fund			-	62,088
2140 - Open Space/Trails Constr-99 Au	226,795		-	176,795
2180 - Flood Control Construction	75,458		-	-
2280 - Cemetery Perpetual Care	5,709,583		-	5,735,583
2360 - Water and Sewer	2,000,000	2,783,284	-	12,000,000
2440 - Landfill	500,000		-	700,000
2480 - Solid Waste	-		-	400,000
2540 - Risk Management Self Insurance	1,400,000		-	1,000,000
2560 - Workers Comp. Self Insurance			-	1,000,000
<b>Contingency Total</b>	<b>\$ 24,136,675</b>	<b>\$ (2,122,410)</b>	<b>\$ -</b>	<b>\$ 33,071,557</b>

\* Grant Contingency Allocated to Department

**Council Office**

1000 - General	\$ 968,453	\$ -	\$ 968,453	\$ 1,094,931
<b>Mayor and Council</b>	<b>\$ 968,453</b>	<b>\$ -</b>	<b>\$ 968,453</b>	<b>\$ 1,094,931</b>

**Development Services**

1000 - General	\$ 4,985,651	\$ -	\$ 4,981,651	\$ 5,388,471
2400 - Water	\$ 170,642	\$ -	\$ 170,642	\$ 175,051
<b>Development Services Total</b>	<b>\$ 5,156,293</b>	<b>\$ -</b>	<b>\$ 5,152,293</b>	<b>\$ 5,563,522</b>

**Economic Development**

1000 - General	\$ 999,682	\$ -	\$ 999,682	\$ 1,125,563
1980 - Streets Constr. - 1999 Auth	6,092,500		2,666,475	-
2100 - Economic Dev. Constr-1999 Auth	10,545,000		8,808,266	7,000,000
2070 - General Gov Capital Projects			-	668,646
<b>Economic Development Total</b>	<b>\$ 17,637,182</b>	<b>\$ -</b>	<b>\$ 12,474,423</b>	<b>\$ 8,794,209</b>

**Budget and Finance**

1000 - General	\$ 4,267,604	\$ -	\$ 4,267,604	\$ 4,859,390
1900 - G.O. Bond Debt Service	20,318,988		20,318,988	20,203,317
1940 - M.P.C. Debt Service	20,630,852		20,630,852	18,980,235
2360 - Water and Sewer	3,223,804		3,223,804	3,079,149
1950 - Excise Tax Debt Service	5,575,771		5,575,771	8,040,521
				-
<b>Budget and Finance Total</b>	<b>\$ 54,017,019</b>	<b>\$ -</b>	<b>\$ 54,017,019</b>	<b>\$ 55,162,612</b>

**Fire Services**

1000 - General	\$ 42,560,721	\$ -	\$ 41,531,890	\$ 43,413,023
1840 - Other Federal and State Grants	4,302,221		3,331,052	5,105,753
2070 - General Gov Capital Projects	1,749,655		-	1,836,000
2530 - Training Facility Revenue Fund	886,875		886,875	946,672
<b>Fire Services Total</b>	<b>\$ 49,499,472</b>	<b>\$ -</b>	<b>\$ 45,749,817</b>	<b>\$ 51,301,448</b>

**City of Glendale**  
**Expenditures/Expenses by Department**  
**Fiscal Year 2018**

<b>DEPARTMENT/FUND</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
<b>HR &amp; Risk Mgt</b>				
1000 - General	\$ 1,829,625	\$	\$ 1,829,625	\$ 1,873,624
2540 - Risk Management Self Insurance	2,951,560		2,951,560	2,967,948
2560 - Workers Comp. Self Insurance	2,204,924		2,204,924	2,279,542
2580 - Benefits Trust Fund	26,825,620		26,825,620	28,963,184
<b>HR &amp; Risk Mgt Total</b>	<b>\$ 33,811,729</b>	<b>\$ -</b>	<b>\$ 33,811,729</b>	<b>\$ 36,084,298</b>
<b>Innovation &amp; Technology</b>				
2591 - Technology	\$ 8,383,210	\$	\$ 8,383,210	\$ 8,752,070
2592 - Technology Projects	4,147,725	(232,950)	3,914,775	2,528,317
2593 - Citywide ERP Solution			-	2,862,221
<b>Innovation &amp; Technology Total</b>	<b>\$ 12,530,935</b>	<b>\$ (232,950)</b>	<b>\$ 12,297,985</b>	<b>\$ 14,142,608</b>
<b>Public Affairs</b>				
1000 - General	\$ 2,213,033	\$	\$ 2,213,033	\$ 2,250,448
<b>Public Affairs Total</b>	<b>\$ 2,213,033</b>	<b>\$ -</b>	<b>\$ 2,213,033</b>	<b>\$ 2,250,448</b>
<b>Mayor's Office</b>				
1000 - General	\$ 368,222	\$	\$ 368,222	\$ 423,101
<b>Mayor's Office Total</b>	<b>\$ 368,222</b>	<b>\$ -</b>	<b>\$ 368,222</b>	<b>\$ 423,101</b>
<b>Misc. Grants &amp; Misc Capital Grants</b>				
1840 - Other Federal and State Grants	\$ 4,933,011	\$ 209,000	\$ 397,229	\$ 6,705,512
<b>Misc. Grants &amp; Misc Capital Grants Total</b>	<b>\$ 4,933,011</b>	<b>\$ 209,000</b>	<b>\$ 397,229</b>	<b>\$ 6,705,512</b>
<b>Non-Departmental</b>				
1000 - General	\$ 17,876,424	\$ 3,000,000	\$ 20,794,667	\$ 15,085,275
1200 - Utility Bill Donation	200,000		200,000	200,000
<b>Non-Departmental Total</b>	<b>\$ 18,076,424</b>	<b>\$ 3,000,000</b>	<b>\$ 20,994,667</b>	<b>\$ 15,285,275</b>
<b>Police Services</b>				
1000 - General	\$ 84,738,048	\$	\$ 84,738,048	\$ 88,114,762
1440 - DIF-Police Faciliti pre SB1525	1,148,565		1,148,565	-

**City of Glendale**  
**Expenditures/Expenses by Department**  
**Fiscal Year 2018**

DEPARTMENT/FUND	ADOPTED	EXPENDITURE/	ACTUAL	BUDGETED
	BUDGETED	EXPENSE	EXPENDITURES/	EXPENDITURES/
	EXPENDITURES/	ADJUSTMENTS	EXPENSES*	EXPENSES
	EXPENSES	APPROVED		
	2017	2017	2017	2018
1840 - Other Federal and State Grants	5,805,168		3,682,447	5,872,784
1860 - RICO Funds	2,501,744		2,501,744	2,258,922
2040 - Public Safety Construction	1,202,685		1,202,685	2,351,250
2070 - General Gov Capital Projects			-	1,183,422
2530 - Training Facility Revenue Fund	372,758		372,758	381,352
<b>Police Services Total</b>	<b>\$ 95,768,968</b>	<b>\$ -</b>	<b>\$ 93,646,247</b>	<b>\$ 100,162,492</b>

**Public Facilities & Events**

1000 - General	\$ 11,780,970	\$ -	\$ 11,919,255	\$ 12,918,234
1460 - DIF-Citywide Parks pre SB1525	-	-	-	226,536
1461 - DIF-Citywide Parks	-	-	-	105,917
1480 - DIF-Citywide RecFac pre SB1525	1,067,000	-	20,000	797,000
1520 - DIF-Citywide Open Spaces	318,460	-	-	318,100
1540 - DIF-Parks Dev Zone1 pre SB1525	-	-	-	124,085
1541 - DIF-Parks Dev Zone 1	-	-	-	52,303
1542 - DIF-Parks & Rec Zone 1 East	-	-	-	317,578
1543 - DIF-Parks & Rec Zone 2 West101	-	-	-	58,312
1560 - DIF-Parks Dev Zone2 pre SB1525	-	-	-	165,438
1840 - Other Federal and State Grants	175,000	-	25,000	190,000
1885 - Parks & Recreation Designated	62,895	-	62,895	68,877
2060 - Parks Construction	50,000	-	-	50,000
2070 - General Gov Capital Projects	400,000	-	-	104,565
2130 - Cultural Facility Bond Fund	100,000	-	-	200,000
2140 - Open Space/Trails Constr-99 Au	-	-	-	50,000
<b>Public Facilities &amp; Events Total</b>	<b>\$ 13,954,325</b>	<b>\$ -</b>	<b>\$ 12,027,150</b>	<b>\$ 15,746,945</b>

**Public Works**

1000 - General	\$ 8,096,952	\$ 758,454	\$ 8,197,485	\$ 8,415,032
1120 - Vehicle Replacement	4,732,500	-	4,732,500	3,608,735
1340 - Highway User Gas Tax	10,302,762	-	10,199,473	10,597,408
1480 - DIF-Citywide RecFac pre SB1525	5,000	-	-	-
1600 - DIF-Roadway Improve pre SB1525	725,030	126,251	386,419	1,794,439
1601 - DIF-Roadway Improvements	-	721,046	-	600,000
1602 - DIF-Streets Zone 1 East	-	-	-	721,039
1650 - Transportation Grants	16,143,008	-	4,071,764	1,218,055
1660 - Transportation Sales Tax	13,247,233	-	13,008,848	13,922,695
1760 - Airport Special Revenue	680,884	-	680,884	692,826
1970 - Transportation Debt Service	7,149,000	-	7,149,000	7,151,500
1980 - Streets Constr. - 1999 Auth	1,120,440	-	-	12,472,714
2000 - Hurf Street Bonds	21,038,574	-	7,889,701	17,534,795
2070 - General Gov Capital Projects	7,730,846	-	5,176,865	7,042,788
2120 - Airport Capital Projects	5,755,161	-	681,420	6,821,236
2180 - Flood Control Construction	2,213,114	-	2,020,748	2,128,956



**City of Glendale  
Expenditures/Expenses by Department  
Fiscal Year 2018**

<b>DEPARTMENT/FUND</b>	<b>ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2017</b>	<b>EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2017</b>	<b>ACTUAL EXPENDITURES/ EXPENSES* 2017</b>	<b>BUDGETED EXPENDITURES/ EXPENSES 2018</b>
2210 - Transportation Capital Project	13,757,015	218,467	20,000	16,231,020
2440 - Landfill	18,085,234		11,938,800	17,241,282
2480 - Solid Waste	17,117,892		17,168,275	14,827,812
2530 - Training Facility Revenue Fund	503,174		503,174	521,638
2590 - Fleet Services	9,163,611		9,078,868	9,239,326
<b>Public Works Total</b>	<b>\$ 157,567,430</b>	<b>\$ 1,824,218</b>	<b>\$ 102,904,224</b>	<b>\$ 152,783,296</b>
 <b>Water Services</b>				
2360+ - Water and Sewer	160,547,044	(2,783,284)	104,014,984	\$ 128,174,212
<b>Water Services Total</b>	<b>\$ 160,547,044</b>	<b>\$ (2,783,284)</b>	<b>\$ 104,014,984</b>	<b>\$ 128,174,212</b>
 <b>TOTAL ALL DEPARTMENTS</b>	 <b>\$ 693,000,000</b>	 <b>\$ -</b>	 <b>\$ 541,480,236</b>	 <b>\$ 672,000,000</b>

**City of Glendale  
Full-Time Employees and Personnel Compensation  
Fiscal Year 2018**

FUND	Full-Time Equivalent (FTE) 2018	Employee Salaries and Hourly Costs 2018	Retirement Costs 2018	Healthcare Costs 2018	Other Benefit Costs 2018	Total Estimated Personnel Compensation 2018
<b>GENERAL FUND</b>						
1000 - General	1,199.00	\$ 99,129,923	\$ 28,907,397	\$ 13,694,166	\$ 8,678,613	\$ 150,410,099
<b>Total General Fund</b>	<b>1,199</b>	<b>\$ 99,129,923</b>	<b>\$ 28,907,397</b>	<b>\$ 13,694,166</b>	<b>\$ 8,678,613</b>	<b>\$ 150,410,099</b>
<b>SPECIAL REVENUE FUNDS</b>						
1220 - Arts Commission Fund	1.00	\$ 91,233	\$ 9,169	\$ 6,651	\$ 1,280	\$ 108,333
1240 - Court Security/Bonds	3.75	307,109	63,570	37,628	10,588	418,895
1300 - Home Grant		32,019				32,019
1310 - Neighborhd Stab. Pgm		25,000				25,000
1311 - Neighborhd Stab. Pgm3		25,000				25,000
1320 - C.D.B.G.	8.75	548,811	58,733	100,663	1,988	710,195
1340 - Highway User Gas Tax	46.00	3,033,534	322,745	506,895	27,127	3,890,301
1660 - Transportation Sales Tax	51.25	3,324,614	354,771	545,612	15,856	4,240,853
1760 - Airport Special Revenue	6.00	377,470	40,409	51,249	1,400	470,528
1820 - CAP Grant	5.50	369,688	39,751	72,719	5,676	487,834
1830 - Emergency Shelter Grants					17,183	17,183
1840 - Grants	19.00	6,368,458	608,571	219,106	137,301	7,333,436
1860 - RICO Funds	1.00	54,253	5,796	15,179		75,228
1885 - Parks & Rec Designated		5,583				5,583
2530 - Trng Fac Revenue Fund	9.00	661,270	184,312	93,974	15,816	955,372
<b>Total Special Revenue Funds</b>	<b>151.25</b>	<b>\$ 15,224,042</b>	<b>\$ 1,687,827</b>	<b>\$ 1,649,676</b>	<b>\$ 234,215</b>	<b>\$ 18,795,760</b>
<b>DEBT SERVICE FUNDS</b>						
<b>Total Debt Service Funds</b>		\$	\$	\$	\$	\$
<b>CAPITAL PROJECTS FUNDS</b>						
<b>Total Capital Projects Funds</b>		\$	\$	\$	\$	\$
<b>PERMANENT FUNDS</b>						
<b>Total Permanent Funds</b>		\$	\$	\$	\$	\$
<b>ENTERPRISE FUNDS</b>						
2360+ - Water and Sewer	235.00	\$ 15,636,823	\$ 1,676,200	\$ 2,574,785	\$ 320,912	\$ 20,208,720
2440 - Landfill	43.00	2,811,619	290,144	443,143	15,838	3,560,744
2480 - Sanitation	70.00	3,881,148	396,978	757,793	10,920	5,046,839
2500 - Pub Housing	21.00	1,368,156	145,246	246,945	23,400	1,783,747
<b>Total Enterprise Funds</b>	<b>369.00</b>	<b>\$ 23,697,746</b>	<b>\$ 2,508,568</b>	<b>\$ 4,022,666</b>	<b>\$ 371,070</b>	<b>\$ 30,600,050</b>

**City of Glendale  
Full-Time Employees and Personnel Compensation  
Fiscal Year 2018**

<b>FUND</b>	<b>Full-Time Equivalent (FTE) 2018</b>	<b>Employee Salaries and Hourly Costs 2018</b>	<b>Retirement Costs 2018</b>	<b>Healthcare Costs 2018</b>	<b>Other Benefit Costs 2018</b>	<b>Total Estimated Personnel Compensation 2018</b>
<b>INTERNAL SERVICE FUND</b>						
2540 - Risk Management Self Ins.	2.00	\$ 184,755	\$ 19,737	\$ 26,585	\$ 900	\$ 231,977
2560 - Workers Comp. Self Ins.	2.00	137,742	14,820	19,905	1,468	173,935
2590 - Fleet Services	32.00	1,987,405	212,048	347,817	8,500	2,555,770
2591 - Technology	30.00	2,819,856	301,527	319,050		3,440,433
<b>Total Internal Service Fund</b>	<b>66.00</b>	<b>\$ 5,129,758</b>	<b>\$ 548,132</b>	<b>\$ 713,357</b>	<b>\$ 10,868</b>	<b>\$ 6,402,115</b>
 <b>TOTAL ALL FUNDS</b>	 <b>1,785.25</b>	 <b>\$ 143,181,469</b>	 <b>\$ 33,651,924</b>	 <b>\$ 20,079,865</b>	 <b>\$ 9,294,766</b>	 <b>\$ 206,208,024</b>

**Section 4**  
**FY 2018-2027**  
**Capital Improvement**  
**Plan**

**City of Glendale**  
**Capital Improvement Plan (CIP)**  
**FY 2018-2027**



**Tentative Budget Adoption**  
**May 23, 2017**

**City of Glendale  
Capital Improvement Plan FY2018-2027**

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**City of Glendale**  
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## What are Capital Improvements?

The Capital Improvement Plan (CIP) is a ten-year roadmap for creating, maintaining and paying for Glendale's present and future infrastructure needs. The CIP outlines project costs, funding sources and estimated future operating costs associated with each capital improvement. The plan is designed to ensure that capital improvements will be made when and where they are needed, and that the city will have the funds to pay for and maintain them.

Capital improvement projects are non-routine capital expenditures that generally cost more than \$50,000 and result in the purchase of equipment, acquisition of land, design and construction of new assets, or the renovation, rehabilitation or expansion of existing capital assets. Capital projects usually have an expected useful life of at least five years.

Capital improvements make up the bricks and mortar, or infrastructure that all cities must have in place to provide essential and quality of life services to current and future residents, businesses and visitors. They also are designed to prevent the deterioration of the city's existing infrastructure, and respond to and anticipate the future growth of the city. A wide range of projects comprise capital improvements as illustrated by the examples below:

- fire and police stations;
- libraries, court facilities and office buildings;
- parks, trails, open space, pools, recreation centers and other related facilities;
- water and wastewater treatment plants, transmission pipes, storage facilities, odor control facilities and pump stations;
- roads, bridges, traffic signals and other traffic control devices including fiber optic infrastructure needed for the operation of intelligent transportation systems;
- landscape beautification projects;
- computer software and hardware systems other than personal computers and printers;
- flood control drainage channels, storm drains and retention basins;
- and major equipment purchases such as landfill compactors, street sweepers and sanitation trucks.

Glendale, like many cities in the Phoenix metropolitan area, faces a special set of complex problems because much of the city is built out except for scattered areas requiring infill development and the far western edge of the city, which is not built out. These cities need to build new roads, add public amenities such as parks and expand public safety services to accommodate new residential and non-residential development. They also must simultaneously maintain, replace, rehabilitate and/or upgrade existing capital assets such as roads, parks, buildings and underground pipes for the water and sewer system.



## Paying for Capital Improvements

In many respects, the city planning process for selecting, scheduling and financing capital improvements parallels the way an individual might plan for buying a new house or car. This process entails an assessment of many valid competing needs, a determination of priorities, an evaluation of operating costs as well as financing options for the capital costs, and an establishment of realistic completion timeframes. The analysis process involves many familiar questions.

- Can I wait another year or two?
- Are there other alternatives such as remodeling, using public transit or carpooling?
- What other purchases will I need to forego?
- What can I afford and how can I pay for it?
- Do I need outside financing and what will it cost?
- Will there be additional monthly costs associated with the purchase?

If the purchase plan moves forward, a decision must be made about the down payment. A good planner might have started a replacement fund a few years ago in anticipation of the need. Other cash sources might include a savings account or a rainy day emergency fund. The city, just like most families, needs to find longer-term financing to cover certain costs for capital improvements. Repayment of the loan might require cutting other expenses like eating at restaurants or increasing income by taking a second part-time job. An unanticipated inheritance may speed up the timetable; a negative event, such as a flood or unanticipated medical expense, might delay the plan.

Similarly, most large capital improvements cannot be financed solely from a single year's revenue stream or by simply increasing income or decreasing expenses.

## Guidelines and Policies Used in Developing the CIP

City Council's strategic goals and financial policies provide the broad parameters for development of the annual capital plan. For example, Council's financial policies on Capital Asset and Debt Management state that the 10-year capital plan will address capital needs in the following order:

- A. Improve existing assets
- B. Replace existing assets
- C. Construct new assets

These financial policies further state that projected life cycle costing will be evaluated for projects considered for funding in the near future. Life cycle costing is a method of calculating the total cost of a physical asset throughout its life. It is concerned with all costs of ownership

and takes into account the costs incurred by an asset from its acquisition to its disposal, including design, installation, operating and maintenance costs.

Additional considerations include the following:

- Does a project qualify as a capital project, i.e., cost more than \$50,000 and have an expected useful life of at least five years?
- Does a project satisfactorily address all federal, state and city legal and financial requirements?
- Does a project support the city's favorable investment ratings and financial integrity?
- Does a project support the city's goal of ensuring all geographic areas of the city have comparable quality in the types of services that are defined in the Public Facilities section of the General Plan?
- Does a project prevent the deterioration of the city's existing infrastructure?
- Does a project respond to and, if possible, anticipate future growth in the city?
- Does a project encourage and sustain quality economic development?
- Can a project be financed through growth in the tax base or development fees, when possible, if constructed in response to residential or commercial development?
- Is a project responsive to the needs of residents and businesses within the constraints of reasonable taxes and fees?
- Does a project leverage funds provided by other units of government (e.g., Maricopa County Flood Control District, Arizona Department of Transportation, etc.) where appropriate?

Master plans also help determine which projects should be included in the CIP and the timeframes in which the projects should be completed. For example, the Parks and Recreation Master Plan's guidelines for neighborhood parks include 3.3 acres of park land per 1,000 residents. When population growth causes an area to exceed this threshold, that neighborhood will rise on the capital plan's priority list for park development. The Water and Sewer Master Plan, Parks Master Plan, Storm Water Master Plan, GO Transportation Plan and five-year plans for landfill and solid waste collection services also provide valuable guidance in the preparation of the CIP.

Economic forecasts also are a critical source of information and guidance throughout the capital planning process. The forecasts assess external factors such as whether the local economy is growing or contracting, population growth, inflation for construction materials, the value of land, and other variables that may affect the city's ability to finance needed services and capital projects.

## **Glendale's Annual CIP Development Process**

In conjunction with the annual budgeting process, the Finance and Technology Department manages the citywide process of revising and updating the city's capital plan. City staff members from all departments participate in an extensive review of projects in the existing

plan and the identification of new projects for inclusion in the CIP. The City Council's commitment to the needs and desires of Glendale's citizens is a critical factor considered during the capital planning process, as well as compliance with legal limits and financial resources.

Once projects are selected for inclusion in the capital plan, decisions must be made about which projects should be recommended for inclusion in the first five years of the plan. Determining how and when to schedule projects is a complicated process. It must take into account City Council's strategic goals as well as all of the variables that affect the city's ability to generate the funds to pay for these projects without jeopardizing its ability to provide routine, ongoing services and one-time or emergency services when needed.

The financial projections used to develop the CIP are based on staff's best prediction of future real estate values, construction costs, interest rates, and other relevant variables. These financial projections are jointly developed by the Finance and Technology Department and Public Works Department in conjunction with the Assistant City Manager. They are updated annually to reflect changes in the economic environment.

Although only the first year of the plan is appropriated, the first five years of the plan are financially balanced. This means the first five years of the plan

- Comply with the state's constitutional debt limits;
- Comply with the available voter authorization required for municipal bonds;
- Balance the use of incoming revenue streams with the use of fund balance, while maintaining a fund balance in compliance with bond covenants and policies regarding debt management and;
- Identify the source of revenue to finance various projects.

Financial and legal constraints make it impossible for the city to fund every project on its priority list. For example, it is not possible for the city to fund concurrently several large-scale projects that have significant operating budget impacts. Also, revenues used to pay the debt service are not limitless. Therefore, implementation timetables are established to stagger projects over time based on Council's strategic goals and the estimated financial resources expected for the future.

A critical element of financing capital projects is the ability to manage within available resources, including the overall debt incurred for past projects and any new debt for future projects. Limited staff resources to undertake new capital projects also must be considered. Capital projects often require significant time to manage effectively, and project managers in the departments typically manage several capital projects concurrently.

The city also must coordinate the timing of many of its capital projects with federal, state, county and municipal governments and outside entities. For example, street improvements are coordinated with utility companies, when possible, to minimize the amount of new street surface that must be cut to lay new or replacement utility and fiber optic lines. Also, flood

control capital improvements are coordinated with the Maricopa County Flood Control District to maximize matching funds that the district makes available for eligible projects.

The availability of unanticipated financing, such as federal or state transportation grants may cause the city to accelerate a particular project. In addition, a scheduled project may be delayed in order to take advantage of an unusual one-time opportunity such as the receipt of non-governmental grant monies.

## **Types of CIP Projects and Funding Sources**

The ten-year CIP is developed with identified funding sources for each CIP project. For example, a street project might be funded through one or more of the following financing sources: Highway User Revenue Fund (HURF) bonds, general obligation (G.O.) bonds, federal or state grants, development impact fees (DIFs), Glendale's dedicated transportation sales tax or Glendale's general fund excise taxes. In many cases, a large or multi-year project will be financed using a mix of these funding sources.

### **General Obligation (G.O.) Bond Funded Projects**

G.O. bonds are direct and general obligations of the city. Glendale uses G.O. bonds to fund most large-scale capital improvements except water, sewer, sanitation, landfill, many transportation-related projects and professional sports-related facilities such as the Gila River Arena, home of the National Hockey League's Arizona Coyotes, and Camelback Ranch, spring training home of the Chicago White Sox and the Los Angeles Dodgers. G.O. bonds are backed by "the full faith and credit" of the city.

Arizona State law mandates the separation of city property taxes into two components, the primary tax levy and the secondary tax levy. A municipality's secondary property tax revenue can be used only to pay the principal, interest and redemption charges on bonded indebtedness or other lawful long-term obligations that are issued or incurred for a specific capital purpose. In contrast, primary property tax revenue may be used for any lawful purpose.

There are two separate categories of G.O. bond funded projects. These categories correspond to the 6% and 20% Arizona State Constitutional limits for G.O. bonded indebtedness. Funds that have been established for the 6% category include the Economic Development, Cultural Facility, Government Facilities and Library Bond Funds. Active funds for the 20% category include the Flood Control, Open Space & Trails, Parks, Public Safety and Street/Parking Bond Funds. Water and sewer bonds are also included in the 20% category. Secondary property tax revenue can be used to pay water/sewer debt, but it is preferable for water/sewer capital debt service to be paid with water and sewer revenue.

### **Development Impact Fee Funded Projects**

Impact fees are one-time charges to developers that are used to offset a city's capital costs resulting from new development. Developers pay Development Impact Fees (DIF) when they construct new residential and commercial developments. These fees are designed to cover a

city's increased costs for providing new or expanded infrastructure in the following categories: roadway improvements, parks, libraries, police, fire, and water/sewer.

Planning and zoning information, such as anticipated population growth and expected density of residential and commercial development, is the foundation for impact fee revenue estimates. Given this information, the city then estimates the amount of impact fee revenue available to pay for growth-related capital projects.

In a growing economic condition, a number of DIF funded projects would more likely be included in the capital plan to supplement the growth related portion of projects funded with other resources such as G.O. bonds. However with the decline in property values, and the imperativeness to pay existing G.O. debt service with secondary property tax revenue, most capital projects requiring a new issuance of G.O. bonds were deferred or moved to the last five years of the plan. DIF revenue alone rarely is sufficient to fund 100% of the cost of growth-related projects. Therefore, given these circumstances, the current capital plan reflects very little spending of impact fees.

### **Enterprise and Other Projects**

Water and Sewer Revenue Funded Projects: Water/Sewer capital projects can be funded with a number of options including, G.O. bonds, revenue bonds, revenue obligations or cash financing. Bonds or obligations are typically used to fund larger water/sewer projects. The principal and interest for bonds and obligations will be paid from future water/sewer user fee revenue. Smaller water/sewer projects are typically cash financed. Three separate funds have been established for water/sewer projects: one fund is for water capital projects, another fund addresses sewer projects and a third fund covers capital projects that represent a mix of water and sewer projects (e.g., water reclamation projects).

Landfill Revenue Funded Projects: Landfill user fee revenues fund environmental improvements required by federal and state law as well as improvements related to constructing, extending, improving and repairing the Glendale Municipal Landfill. Materials Recovery Facility (MRF) projects and landfill equipment also are included in the landfill capital fund. Users of the Glendale Municipal Landfill include private haulers, other cities that are under contract with the city's landfill and the city's residential and commercial solid waste operations.

Solid Waste Revenue Funded Projects: Unlike Water/Sewer and Landfill, the capital plan for Sanitation is not usually funded with revenue bonds. Instead sanitation projects are funded with user revenues and cash balances. However, inter-funds loans and capital leases have been used as a funding option in the past.

Transportation Sales Tax Funded Projects: On November 6, 2001, Glendale held a special election where voters passed a new half-cent sales tax to fund the transportation plan. The transportation plan was created to improve service for all modes of transportation including public transit, motorized vehicle, bicycle, pedestrian and aviation. Of the 13,019 ballots cast for this proposition, 64% were in favor and 36% were in opposition. By their votes, Glendale

residents indicated that having transportation choices and being connected to regional activities and employment centers were important to maintaining Glendale's high quality of life.

Everyone who shops in Glendale pays the half-cent sales tax that became effective January 1, 2002. The revenues are dedicated to funding the implementation of the *Glendale Onboard! (GO Transportation Plan)*. The sales tax has no termination date. The transportation capital and operating budgets are balanced yearly. Transportation projects can either be funded with Transportation Revenue Obligations or cash financed. The principal and interest on revenue obligations will be covered with future transportation sales tax revenue.

Street (HURF) Revenue Funded Projects: The State of Arizona shares with cities a portion of the revenues it collects from highway user fees. This revenue is tracked in the Streets Fund (Fund 1340) and is known as HURF revenue. The Arizona State Constitution restricts the use of HURF revenue to street and highway purposes such as right-of-way acquisition, construction, reconstruction, maintenance, repair and the payment of the interest and principal on HURF bonds.

HURF often is called the gas tax even though there are several other transportation-related fees, including a portion of the vehicle license tax, that comprise this revenue source. Much of this revenue source is based on the volume of fuel sold rather than the price of fuel.

In the past, the Arizona Legislature has altered (1) the type and/or rate of taxes, fees and charges to be deposited into the Arizona Highway Revenue Fund and (2) the allocation of such monies among the Arizona Department of Transportation, Arizona cities and counties and other purposes. The Arizona Legislature reduced the amount of funds allocated to cities in FY 2009 through FY 2012. Future legislative alterations to HURF revenue sources and/or the HURF distribution formula may occur.

Municipal Property Corporation Bond Funded Projects: A city may form a Municipal Property Corporation (MPC) to finance a large capital project. An MPC is a non-profit organization over which the city exercises oversight authority, including the appointment of its governing board. This mechanism allows the city to finance a needed capital improvement and then purchase the improvement from the corporation over a period of years.

In order for the MPC to market the bonds, a city will typically pledge unrestricted excise taxes. Unrestricted excise taxes are generally all excise, transaction privilege, franchise and income taxes within the city's General Fund. This means MPC debt service is paid with General Fund operating dollars.

The city has formed and entered into agreements to sell MPC bonds to fund several construction projects, including the following:

- Glendale Municipal Office Complex (debt is retired),
- Gila River Arena,

- Glendale Media Center and Expo Hall, Convention Center and Parking Garage adjacent to the Westgate development in west Glendale,
- a portion of the Glendale Regional Public Safety Training Facility and infrastructure for the Zanjero development, and
- the Camelback Ranch development [as explained below].

Public Facilities Corporation Funded Bonds: Similar to an MPC, a public facilities corporation (PFC) is a non-profit organization that is formed under Arizona State law to secure funding for capital projects. A PFC is also governed by a Council appointed Board of Directors responsible for authorizing debt. The PFC's sole purpose is to finance and construct public facilities for the city. While the PFC is a legally separate entity from the city, the city is responsible for the debt associated with the PFC bonds. The special debt obligations are back by the city's unrestricted excise taxes.

Grant Funded Projects: The majority of Glendale's grants for capital projects come from the federal or state government. There are two major types of grants. Open, competitive grant programs usually offer a great deal of latitude in developing a proposal and grants are awarded through a competitive review process. The existing Arizona Heritage Fund grants for parks and historic preservation capital projects are an example of competitive grants.

Entitlement or categorical grants are allocated to qualified governmental entities based on a formula basis (e.g., by population, income levels, etc.). Entitlement funds must be used for a specific grantor-defined purpose. Community Development Block Grants are considered entitlement grants and typically must benefit low-moderate income residents.

Most federal and state grant programs, with the exception of some public housing programs, require the applicant to contribute to the cost of the project. The required contribution, referred to as local match, can vary from 5% to 75%. Federal Transportation Administration grants for public transit improvements and Federal Aviation Administration grants for airport projects are examples of capital improvement grants for which local matching requirements will come from the city's operating budget and/or the city's transportation sales tax.

Many federal and state grant programs specifically prohibit the applicant from using other government grants as match, and require that the match be cash rather than donated services. Therefore, matching funds usually come from General Fund department operating budgets, G.O. bonds or development impact fees.

There is always a possibility that some of the grant-funded projects will be delayed or not completed if government grants fail to materialize. CIP projects adversely affected by changes in the availability of grants may be postponed until the needed grant funds are acquired, the project is modified to reduce costs, or the project is funded using alternative means.

Operating Budget - Pay-As-You-Go (PAYGO) Projects: Some capital improvements are paid for on a cash basis in order to avoid the interest costs incurred with other financing mechanisms and are included in the operating budget on a pay-as-you-go basis. The city's operating budget

also provides for the maintenance of capital assets and expenses associated with the depreciation of city facilities and equipment.

Lease Financing Projects: Lease financing provides long-term financing for the purchase of equipment or other capital improvements and does not affect the city's G.O. bond capacity or require voter approval. In a lease transaction, the asset being financed can include new capital needs, assets under existing lease agreements or, in some cases, equipment purchased in the past for which the government or municipal unit would prefer to be reimbursed and paid over time. Title to the asset is transferred to the city at the end of the lease term.

Local Improvement District Bond Projects: Local improvement districts (LIDs) are legally designated geographic areas in which a majority of the affected property owners agree to pay for one or more capital improvements through a supplemental assessment. This financing approach ties the repayment of debt to those property owners who most directly benefit from the improvements financed.

## **Impact of the CIP on the Operating Budget**

Glendale's operating budget is directly affected by the CIP. Almost every new capital improvement entails additional ongoing expenses for routine operation, repair and maintenance upon completion that must be incorporated into the operating budget. Many new capital facilities require the addition of new positions. Existing city facilities and equipment that were once considered state-of-the-art will require rehabilitation, renovation or upgrades to accommodate new uses and/or address safety and structural improvements. Older facilities usually involve higher maintenance and repair costs as well. PAYGO capital projects, grant-matching funds and lease/purchase capital expenses also come directly from the operating budget.

Operating costs are carefully considered in deciding which projects move forward in the CIP because it is not possible for the city to fund concurrently several large-scale projects that have significant operating budget impacts. Therefore, implementation timetables are established that stagger projects over time.

Many improvements make a positive contribution to the fiscal wellbeing of the city. Capital projects such as redevelopment of under-performing or under-used areas of the city, and the infrastructure expansion needed to support new development, promote the economic development and growth that can lead to the generation of additional operating revenues. These new revenue sources provide the funding needed to maintain, improve and expand the city's infrastructure.





**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Summary of All Capital Projects by Funding Type**

<b>Fund # - Name</b>	<b>Carryover</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FYs 23-27</b>
<b>BOND CONSTRUCTION FUNDS</b>							
1980 - Street/Parking Bonds	847,264	11,625,450	5,275,450	5,275,450	5,275,450	5,275,450	8,811,900
2140 - Open Space/Trails	0	50,000	15,056	0	176,795	0	7,259,516
2060 - Parks	50,000	0	0	0	0	0	143,200,786
2160 - Library	0	0	0	0	0	0	11,590,260
2040 - Public Safety	0	2,351,250	2,351,250	0	0	0	134,411,111
2130 - Cultural Facility	100,000	100,000	84,550	0	0	0	0
2100 - Economic Development	7,000,000	0	0	0	0	0	0
2180 - Flood Control	1,028,476	1,100,480	324,230	324,230	324,230	0	20,324,701
<b>Sub-Total</b>	<b>\$9,025,740</b>	<b>\$15,227,180</b>	<b>\$8,050,536</b>	<b>\$5,599,680</b>	<b>\$5,776,475</b>	<b>\$5,275,450</b>	<b>\$325,598,274</b>
<b>DIF FUNDS</b>							
1601 - Roadway Improvements	668,212	2,447,266	684,553	791,650	1,500,000	0	34,553
1520 - Citywide Open Space	178,943	139,157	34,944	150,000	0	0	0
1461 - Citywide Parks	0	332,453	0	0	0	0	0
1481 - Citywide Rec Facility	797,000	0	126,983	0	0	0	3,469
1541 - Park Dev Zone 1	0	552,278	3,469	0	0	0	3,469
1561 - Park Dev Zone 2	0	165,438	3,469	0	0	0	3,469
1581 - Park Dev Zone 3	0	0	3,469	0	0	0	3,469
1380 - Library Buildings	0	1,755,029	0	0	0	0	0
1501 - Libraries	407,875	1,356,549	152,592	0	0	0	17,563
1441 - Police Dept Facilities	0	0	0	0	0	0	0
1421 - Fire Protection Facilities	0	0	15,654	0	0	0	15,654
<b>Sub-Total</b>	<b>\$2,052,030</b>	<b>\$6,748,170</b>	<b>\$1,025,133</b>	<b>\$941,650</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$81,646</b>
<b>ENTERPRISE/OTHER FUNDS</b>							
2360 - Water & Sewer	9,975,589	8,988,412	17,008,526	17,853,062	16,600,000	6,600,000	2,500,000
2400 - Water	5,883,985	23,801,426	38,054,458	59,308,145	29,127,840	5,550,000	68,223,225
2420 - Sewer	2,546,250	4,260,000	4,978,000	4,400,000	8,600,000	8,550,000	25,900,000
2210 - Transportation Construction	4,296,374	11,934,647	5,877,193	3,483,811	3,680,732	8,723,374	144,682,836
2000 - HURF/Street Bonds	9,694,206	7,840,589	3,490,373	3,495,373	3,126,523	3,126,523	16,285,640
1650 - Transportation Grants	68,055	150,000	0	0	0	0	0
2480 - Sanitation	0	589,581	3,231,928	2,641,597	2,161,910	2,752,283	14,244,061
2440 - Landfill	5,916,824	1,170,630	1,106,281	2,998,401	4,641,954	10,724,397	20,317,180
2120 - Airport Capital Grants	4,646,219	2,175,017	1,000,000	1,000,000	0	0	5,005,056
1840 - Other Federal & State Grants	0	15,000	0	0	0	0	0
1000 - General Fund	0	0	0	0	0	0	0
2070 - General Gov Cap	5,060,601	5,774,820	2,900,602	3,423,574	2,336,752	2,336,752	29,168,844
2593 - City-Wide ERP Solution	0	2,862,221	1,132,837	0	0	0	0
1220 - Arts Commission	683,849	200,000	200,000	142,943	0	0	0
<b>Sub-Total</b>	<b>\$48,771,952</b>	<b>\$69,762,343</b>	<b>\$78,980,198</b>	<b>\$98,746,906</b>	<b>\$70,275,711</b>	<b>\$48,363,329</b>	<b>\$326,326,842</b>
<b>Grand Total</b>	<b>\$59,849,722</b>	<b>\$91,737,693</b>	<b>\$88,055,867</b>	<b>\$105,288,236</b>	<b>\$77,552,186</b>	<b>\$53,638,779</b>	<b>\$652,006,762</b>
<b>Total FY 2018 Funding</b>		<b>\$151,587,415</b>					



**FUND SUMMARY: 1980-Street/Parking Bonds** **Category: 20%**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u> <u>New Funding</u>						
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
68103 Street Scallop	344,431	0	0	0	0	0	967,700
<i>Replacement of Existing Assets</i>							
68122 Capital Bridge Repair Program	502,833	0	0	0	0	0	2,568,750
68127 Pedestrian Infra. Improvements	0	3,100,000	0	0	0	0	0
68128 95th Avenue Extension (1980)	0	2,900,000	0	0	0	0	0
<b>Sub-Total - Existing Assets</b>	<b>847,264</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,536,450</b>
<b>New Assets</b>							
<i>0</i>							
68125 *Street Reconstruction Program	0	5,275,450	5,275,450	5,275,450	5,275,450	5,275,450	5,275,450
68129 *Westgate Area Signage	0	350,000	0	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>5,625,450</b>	<b>5,275,450</b>	<b>5,275,450</b>	<b>5,275,450</b>	<b>5,275,450</b>	<b>5,275,450</b>
<b>Total Project Expenses:</b>	<b>\$847,264</b>	<b>\$11,625,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$8,811,900</b>
<b>Total FY 2018 Funding:</b>		<b>\$12,472,714</b>					

**PROJECT DETAIL: 1980-Street/Parking Bonds** **Category: 20%**

**Project:** 68103 - Street Scallop (I) **Funding Source:** General Obligation Bonds

**Project Description:** The Scallop Street Program is used to complete street improvements to reduce traffic accidents, enhance traffic flow, provide safety to adjacent pedestrian traffic and to mitigate property flooding. Projects are selected based on need and available funding from a scallop street inventory maintained by the Engineering Department. Improvements may include pavement widening, curb and gutter, sidewalk, and ADA enhancements.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$32,431	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000
Construction	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$13,500
Engineering Charges	\$9,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$43,200
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000
Arts	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
<b>TOTAL</b>	<b>\$344,431</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$967,700</b>

**Operating Description:** O and M costs are not expected for this project.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 1980-Street/Parking Bonds**

**Category: 20%**

**Project:** 68122 - Capital Bridge Repair Program (R) **Funding Source:** General Obligation Bonds

**Project Description:** This program is needed to maintain city bridges to meet Federal Highway Administration (FHWA) standards. There are 43 bridges that are inspected by Arizona Department of Transportation (ADOT) semi-annually. Under the National Bridge Inspection Program, administered by ADOT, the city is required to maintain its bridges to a satisfactory standard.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,250,000
Construction	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$36,000
Engineering Charges	\$14,333	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$110,250
Arts	\$4,500	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$22,500
<b>TOTAL</b>	<b>\$502,833</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,568,750</b>

**Operating Description:** No additional O and M is required.

**Project:** 68127 - Pedestrian Infra. Improvements (R) **Funding Source:** General Obligation Bonds

**Project Description:** Design and construction of a pedestrian underpass, pedestrian bridges over the SRP Canal and Outfall channel and needed ramp and sidewalks. This will allow pedestrian to travel efficiently and safety from the new PS parking lot south of Bethany Home Road to the existing Stadium site. The City's share of the cost and expense to construct and complete this project is \$3.1M.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$3,100,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$3,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 68128 - 95th Avenue Extension (1980) (R) **Funding Source:** General Obligation Bonds

**Project Description:** Project will complete 95th Avenue between Camelback Road and Bethany Home Road. It will include, ROW acquisition, phase I environmental clearance, geotechnical investigation, utility coordination, survey and construction.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$900,000	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1980-Street/Parking Bonds** **Category: 20%**

**Project:** 68125\* - Street Reconstruction Program (N) **Funding Source:** General Obligation Bonds

**Project Description:** Project provides for reconstruction of arterial and collector streets as identified in the Pavement Management Plan.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
Finance Charges	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Engineering Charges	\$0	\$75,450	\$75,450	\$75,450	\$75,450	\$75,450	\$75,450
Arts	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Miscellaneous/Other	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>	<b>\$5,275,450</b>

**Operating Description:**

**Project:** 68129\* - Westgate Area Signage (N) **Funding Source:** General Obligation Bonds

**Project Description:** Install multiple signs located in Westgate area

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2140-Open Space/Trails Construction** **Category: 20%**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
70000 Thunderbird Paseo Park Develop	0	0	0	0	0	1,998,675
70006 *T-bird Park Master Plan 2140	0	0	15,056	0	0	0
70007 *Open Space/Trails Master Plan	0	50,000	0	0	0	0
70008 *Thunderbird Park Imprvmnt 2140	0	0	0	0	176,795	0
T1630 TCP Trail Improvements	0	0	0	0	0	2,639,898
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>50,000</b>	<b>15,056</b>	<b>0</b>	<b>176,795</b>	<b>4,638,573</b>
<b>New Assets</b>						
<b>0</b>						
70003 City-Wide Trails System	0	0	0	0	0	1,020,000
70005 West Valley Multi-Modal Corrid	0	0	0	0	0	1,600,943
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,620,943</b>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$15,056</b>	<b>\$0</b>	<b>\$176,795</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>	<b>\$50,000</b>					

**PROJECT DETAIL: 2140-Open Space/Trails Construction** **Category: 20%**

**Project:** 70000 - Thunderbird Paseo Park Develop (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project is for park improvements and renovations to maintain the 55 acre Thunderbird Paseo Linear Park. This includes tree replacement and additions, enhance landscaping with drought tolerant plant material; signage replacement; removal of asphalt surface; addition of concrete surface where asphalt existed; pedestrian/equestrian bridges; replacement of equipment located in the linear park; and address all mandated accessibility issues.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$423,475
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,928
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$39,973
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$44,919
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$12,099
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$90,217
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$178,064
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,998,675</b>

**Operating Description:** O and M expenses would vary based upon the specific type of future landscape improvements that are implemented. Supplies and contracts calculated at \$601 per acre X 50 acres (estimate value) plus inflation. A landscape water rate is calculated at \$0.22 per sq ft for 435,600 sq ft. All calculations are for 31 months of operation. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$96,174
Landscape	\$0	\$0	\$0	\$0	\$0	\$315,188



**PROJECT DETAIL: 2140-Open Space/Trails Construction** **Category: 20%**

**Project:** 70006\* - T-bird Park Master Plan 2140 (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project will update and revise the existing Thunderbird Conservation Park master plan. This is partial funding of this request, the balance is being requested in Fund 1520 DIF - Citywide Open Spaces in the amount of \$34,944.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$15,056	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,056</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 70007\* - Open Space/Trails Master Plan (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project request is to revised and update the existing Open Space and Trails Master Plan completed in 2005. Since the approval of the current master plan, the development and use of trails and open space has increased and staff continue to receive requests for additional/expanded amenities.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 70008\* - Thunderbird Park Imprvmnt 2140 (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project will include construction/renovation of Thunderbird Conservation Park trails, restrooms, ramadas, shade structures and amenities as defined in the master plan update.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$0	\$0	\$0	\$154,000	\$0	\$0
Engineering Charges	\$0	\$0	\$0	\$0	\$12,000	\$0	\$0
Arts	\$0	\$0	\$0	\$0	\$1,540	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$9,255	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$176,795</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2140-Open Space/Trails Construction**

**Category: 20%**

**Project:** T1630 - TCP Trail Improvements (I)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Based on the Thunderbird Conservation Park Master Plan recommendations, items to be addressed include ongoing repair and improvements of the 18 miles of natural surfaced trails. This would include ongoing replacement of trail signage and markers; enhance trail nodes and the trail heads along the trail system; removal of safety concerns and obstacles; rebuild trail washouts and mitigate washout areas; survey terrain for possible trail realignments; enhance scenic areas; removal of invasive plant species on the trails; widen trail system to accommodate multi-use designation; install trail interpretive signage; and re-vegetation of areas that have been impacted by rogue use. Project formally referred to as Thunderbird Park Improvements.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$196,086
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,960,869
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$58,204
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$19,609
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$56,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$294,130
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,639,898</b>

**Operating Description:**

Supplies are based on 33 acres of improvements x \$601. Improvements will require a Service Worker II at \$53,310 with benefits, a Park Ranger with benefits at \$51,087, contracted labor assistance at \$25,000 per year, building maintenance at \$1.62 X 3,000 sq ft = \$4,860 annually; insurance is for 2 new employees at \$828 per person.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Staffing	\$0	\$0	\$0	\$0	\$0	\$458,320
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$70,248
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$17,214
Insurance	\$0	\$0	\$0	\$0	\$0	\$5,865
Landscape	\$0	\$0	\$0	\$0	\$0	\$11,097



**PROJECT DETAIL: 2140-Open Space/Trails Construction**

**Category: 20%**

**Project:** 70003 - City-Wide Trails System (N)

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project will implement recommendations for open space acquisition, trailhead land purchases, construction of pedestrian, bicycle, and equestrian paths and trails, and connectivity between areas of interest citywide that accommodates future growth and user demands. This may include improvement or enhancements to trails along the Grand Canal Linear Park, Thunderbird Paseo, Skunk Creek Linear Park and the Bridle Path.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,020,000</b>

**Operating Description:**

Specific scope will determine the additional O and M costs which could include supplies and contracts for \$601 x 50 acres, Service Worker II w/ benefits, building maintenance is for additional lighting (260 poles X \$153 per pole), insurance is for a new staff member at \$828 a year, and landscape is based on 50 acres of newly developed trails at \$.22 per square foot. Other operating calculations have been based upon 50 acres. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Staffing	\$0	\$0	\$0	\$0	\$0	\$141,909
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$83,451
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$110,472
Insurance	\$0	\$0	\$0	\$0	\$0	\$2,299
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$8,170
Landscape	\$0	\$0	\$0	\$0	\$0	\$206,038

**Project:** 70005 - West Valley Multi-Modal Corrid (N)

**Funding Source:**

General Obligation Bonds

**Project Description:**

This is to construct a multimodal trail system along the Agua Fria River Corridor as per the Maricopa Association of Governments West Valley Rivers Trails Plan. The trail system will link with other trails in and around the City of Glendale connecting parks and other recreation facilities, and serve new and existing residents.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$270,277
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,110,057
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$11,101
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$166,508
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,600,943</b>

**Operating Description:**

Supplies and contracts include \$601x 10 acres. Building maintenance costs include 34 low-level security lights for rest nodes and trail at \$75 per light and \$13 per lamp for bulb replacement. Landscape includes maintenance of approximately 435,600 sq ft x \$.0927per sq ft, water at \$.22 per sq ft x 435,600 sq ft, and ramada cleaning/maintenance at \$4,000 per ramada x three ramadas.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$6,010
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$14,992
Landscape	\$0	\$0	\$0	\$0	\$0	\$95,832



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2060-Parks Construction** **Category: 20%**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
70510 Park Enhancements	0	0	0	0	0	0	10,921,641
70515 T-Bird Park Improvements	0	0	0	0	0	0	2,902,993
70540 Grounds & Facilities Imprvmnts	0	0	0	0	0	0	3,914,523
70546 *Sahuaro Ranch Park Master Plan	50,000	0	0	0	0	0	0
T1715 Play Structure Improvements	0	0	0	0	0	0	2,874,890
<i>Replacement of Existing Assets</i>							
70500 Parks Redevelopment	0	0	0	0	0	0	27,417,240
70512 Facilities Renovation	0	0	0	0	0	0	9,906,161
70526 Multiuse Sports Field Lighting	0	0	0	0	0	0	4,723,297
70535 Paseo Racquet Center Park	0	0	0	0	0	0	7,045,478
70541 Parks Capital Equipment	0	0	0	0	0	0	1,224,490
T1712 Aquatic Facility Renovation	0	0	0	0	0	0	7,232,945
T1713 Foothills Center Renovation	0	0	0	0	0	0	1,889,025
T1822 O'Neil Park Improvements	0	0	0	0	0	0	5,460,000
T1823 Heroes Park Buildout	0	0	0	0	0	0	57,663,103
T1824 Heroes Park Digital Sign	0	0	0	0	0	0	25,000
<b>Sub-Total - Existing Assets</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143,200,786</b>
<b>Total Project Expenses:</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$143,200,786</b>
<b>Total FY 2018 Funding:</b>		<b>\$50,000</b>					

\*=New Project, N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: 70510 - Park Enhancements (I)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

Ongoing park enhancements are vital in the city's effort to improve and enhance park functionality and appeal. Staff continually assesses park amenities and infrastructure, and strive to meet the demands park users place on park land and facilities. Park enhancements focus on a variety of elements and amenities within the existing park setting, and can be urgent in nature or planned. Typical park enhancements include new sport courts; additional low-level security lighting; picnic areas; picnic benches; Americans with Disabilities Act (ADA) issues; shade structures, landscape, and other amenities added to existing park sites. Ongoing enhancements typically address service gaps in the level of service requirements outlined in the Parks and Recreation Master Plan and federal, state, and local mandates.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$926,587
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$8,547,040
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$174,429
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$85,470
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$845,615
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,921,641</b>

**Operating Description:**

In most cases, park enhancements will have little or no impact on the O and M. In fact, in many cases the enhancements allow for a more efficient operation of infrastructure and amenities. O and M will be impacted when additional amenities are introduced to the park, such as ramadas, additional low-level lighting, etc. Supplies/contracts include \$601 x 4 acre. Building Maintenance includes an average of 10 additional low level security lighting x \$150 for electricity, and \$21 per lamp for replacement. Landscape maintenance \$.22 x 43,560 sq ft. A supplemental will be submitted.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$147,960
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$105,250
Landscape	\$0	\$0	\$0	\$0	\$0	\$584,820

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: 70515 - T-Bird Park Improvements (I)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project will continue the implementation of the Thunderbird Conservation Park Master Plan recommendations and improvements including the removal of invasive plant species and re-vegetation, signage upgrades, repairs or replacements to existing ramadas, picnic tables, grills, restrooms and other infrastructure. It will also address the continuation of re-vegetation, as well as the installation of new park elements, such as ramadas and parking lot improvements.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$646,739
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,847,826
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$57,777
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$18,478
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$277,173
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,902,993</b>

**Operating Description:**

Improvements have an O and M impact for two new 750 sq ft restrooms with associated utilities and supplies. Supplies are based on 33 acres of improvements x \$601. Improvements will require a Service Worker II at \$53,310 with benefits, a Park Ranger with benefits at \$51,087, contracted labor assistance at \$25,000 per year, utilities at \$2.70 per sq ft X 3,000 sq ft = \$8,100; building maintenance at \$1.62 X 3,000 sq ft = \$4,860 annually; equipment maintenance is for two added pole lights at \$358 annually; insurance is for two new employees at \$828 per person; ramada cleaning at \$3,000 each at five new ramadas, building water at \$0.195 sq ft or \$49 per month.

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Staffing	\$0	\$0	\$0	\$0	\$0	\$485,932
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$69,578
Utilities	\$0	\$0	\$0	\$0	\$0	\$28,250
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$29,912
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$2,203
Insurance	\$0	\$0	\$0	\$0	\$0	\$28,259
Landscape	\$0	\$0	\$0	\$0	\$0	\$21,431
Water	\$0	\$0	\$0	\$0	\$0	\$1,930

**Project: 70540 - Grounds & Facilities Imprvmnts (I)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project addresses renovations and golf course enhancements that may not otherwise be included or covered in the golf course management agreements. Issues to be addressed include golf course grounds and infrastructure at Glendale's Glen Lakes and Desert Mirage golf courses. Improvements will include modifying or enhancing greens, tees, fairways, cart paths, irrigation systems, lakes, driving ranges, parking lots, fence replacement, and pro-shops for both municipal golf courses.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$875,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$77,085
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$62,438
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$375,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,914,523</b>

**Operating Description:**

No additional O and M is needed.



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: 70546\* - Sahuaro Ranch Park Master Plan (I)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project will include developing a master plan for the 17 acre, historic area of Sahuaro Ranch Park which includes 13 original buildings, a rose garden, barnyard and historic orchards. The historic area has been a cultural asset that celebrates the city's historic beginnings. Listed on the National Registry of Historic Places and known as the "Showplace of the Valley," the Sahuaro Ranch Historic Area offers activities, exhibits and guided tours—keeping the history of early settlement in the Valley alive.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: T1715 - Play Structure Improvements (I)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project involves replacing all playground components and playground surfacing in city parks to be more compliant with changes to the Americans with Disabilities Act (ADA), U.S. Consumer Product Safety Commission (CPSC), the American Society for Testing and Materials (ASTM), and play units and components that have been removed due to vandalism or ongoing wear and tear.

In 2011, all of these organizations made significant changes to the laws, guidelines, and standards as it relates to playground accessibility, use, and safety. Subsequent evaluations by staff who are certified as Playground Safety Inspectors (CPSI) resulted in a comprehensive annual audit of all playgrounds to identify all play structure, playground, and playground surface deficiencies. The annual audit identified multiple playgrounds requiring varying levels of update to meet the new ADA, CPSC, and/or the ASTM laws, guidelines, and/or regulations. External audits of the playgrounds confirmed CPSI findings

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$56,390
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$500
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$2,400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$360,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,874,890</b>

**Operating Description:**

No additional O and M is required. The new laws, guidelines, and standards would actually reduce O and M by reducing the staff time to conduct head and torso inspections, and tilling sand fall zones.



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: 70500 - Parks Redevelopment (R)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project is designed as a proactive focus for revitalizing parks currently in the city's inventory that have shown signs of deteriorating infrastructure, amenities, and/or landscape. The purpose of the redevelopment process is to heighten or restore the overall functionality of the park for the users, while at the same time enhancing the operating efficiency. As in the past, staff identify strategies that are designed to revive a park's existing strengths and develop new or enhanced functions of the park. Development strategies, service gaps, and needs are identified and addressed during the design and construction phase. Depending on the park category, location, size, and level of service, each requires a distinct level of funding to address an assortment of services or operational improvements.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$6,283,947
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$18,239,851
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$548,341
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$122,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$182,399
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$2,040,702
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,417,240</b>

**Operating Description:**

Supplies and contracts are based on 10 acres x \$601 per acre. Building Maintenance includes an additional 30, low-level park lighting at \$171 per pole. These parks are currently maintained, so staff doesn't project additional landscape maintenance costs. Water would include the addition of 40 drinking fountains at \$88 each. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$36,990
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$31,574
Water	\$0	\$0	\$0	\$0	\$0	\$17,600

**Project: 70512 - Facilities Renovation (R)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

The proposed renovations address planned and/or unexpected restoration improvements and infrastructure replacement at existing park and recreation buildings, centers, ball field complex sites, group ramada pavilions, restrooms, and tennis and golf complexes. Funds are used citywide to provide ongoing renovation to existing facilities. The specific facilities that receive assistance from this project are targeted through an ongoing assessment and feedback from citizens and staff.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$8,093,137
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$198,123
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$80,931
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$1,213,970
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,906,161</b>

**Operating Description:**

New O and M expenses are not usually encountered with restoration activities.



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: 70526 - Multiuse Sports Field Lighting (R)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

The Parks and Recreation has 25 lighted sports fields that are used for various youth and adult sports program and cultural events. Of the 25 lighted sports fields, 5 of the sports fields have athletic field lighting and lighting infrastructure that are over 15 years old. This project involves the renovation or replacement of existing sports lights that have illumination depreciation or no longer meet current illumination standards and those facilities where the lighting systems are currently depreciating and will require replacement.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$705,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$3,528,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$94,466
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$78,311
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$35,280
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$282,240
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,723,297</b>

**Operating Description:**

This project will not require additional O and M. The bid specifications would be performance based and would require the contractor to perform bulb replacements. The newer lighting technology would operate more efficiently, thus reducing electrical consumption and O and M.

**Project: 70535 - Paseo Racquet Center Park (R)**

**Funding Source:**

General Obligation Bonds

**Project Description:**

The park project has two components: Paseo Sports Complex and Paseo Racquet Center, both of which are in this park. The Sports Complex work will include the replacement of the lighting system, outdoor sound system, all fencing, restroom and concessions building. At the Paseo Racquet Center, necessary repairs include court overlays, court resurfacing, lighting, fencing and building restoration and improvements.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$1,579,200
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$4,512,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$139,858
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$45,120
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$676,800
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,045,478</b>

**Operating Description:**

These capital improvements are to existing facilities and will likely decrease O and M expenses.



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project:** 70541 - Parks Capital Equipment (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

The Parks Department has 10 pieces of equipment currently in the fleet that are 10 years or older, and 18 pieces of equipment that are 13 years or older. All are not included as part of the City's Vehicle Replacement Fund and have passed their average effective lifespan. Replacing old, outdated equipment such as mowers, sod cutters, aerators, paint machines, trailers, utility vehicles, specialized chain saws, park/facility maintenance equipment, ball field preparation machines and equipment are essential to the care and maintenance of facilities and parks. The equipment has outlasted its useful and effective lifespan.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$24,490
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,224,490</b>

**Operating Description:**

No additional O & M as the purchase of equipment would simply replace the existing.

**Project:** T1712 - Aquatic Facility Renovation (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project includes the renovation and restoration of existing aquatic facilities (Foothills and Rose Lane) owned by the City and operated by the Parks and Recreation Division. The aquatic facilities require annual attention and frequent repairs to remain relevant and useful. Projects, such as, replastering of the water vessels; patching and repairs to the pool decking; replacement of shade canopies; pool pumps and other equipment are needed to ensure continued compliance with all federal, state and county health code requirements. Other items to be considered periodically include slide repair and/or replacement; repair or replacement of play structure components; electrical infrastructure; diving boards; and pool heaters

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350,822
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$4,650,207
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$144,659
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$46,502
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$948,255
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,232,945</b>

**Operating Description:**

No additional O and M needed.



**PROJECT DETAIL: 2060-Parks Construction**

**Category: 20%**

**Project: T1713 - Foothills Center Renovation (R)**

**Funding Source:** General Obligation Bonds

**Project Description:**

This project involves the replacement of recreation center equipment that has an expected useful life span of 5-7 years and renovation of the facility. Replacement of fitness room equipment; existing audio/visual equipment; carpeting; room dividers; window blinds; chillers and boilers to the building; security systems; ongoing resurfacing of the multi-purpose area; enhance lighting in the exterior and interior; and parking lot resurfacing.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$189,625
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$758,500
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$37,040
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$80,500
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$40,769
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$7,585
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$634,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$140,506
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,889,025</b>

**Operating Description:**

No additional O and M is needed for this project.

**Project: T1822 - O'Neil Park Improvements (R)**

**Funding Source:** General Obligation Bonds

**Project Description:**

This is a project request for improvements at O'Neil Park. The park was originally constructed in 1961 and these improvements would replace existing facilities, amenities and park infrastructure that have significantly aged, are past their recommended lifespan and need to be brought up to current federal, state, county and local guidelines/requirements as well as to address the demographics and demands of the surrounding community which have changed significantly.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$525,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$875,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,460,000</b>

**Operating Description:**





**PROJECT DETAIL: 2060-Parks Construction** **Category: 20%**

**Project:** T1823 - Heroes Park Buildout (R) **Funding Source:** General Obligation Bonds

**Project Description:** This project is a Council request for a capital project placeholder to complete the construction of Heroes Park. The cost estimates are based on the current approved master plan and would include: lighted four field softball/baseball complex, two lighted flat fields for soccer, lacrosse and flag football, control/restroom building, parking, a recreation center, and an aquatic center.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$7,276,101
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$27,985,005
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$11,459,860
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$363,805
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$4,197,751
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$6,380,581
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$57,663,103</b>

**Operating Description:**

**Project:** T1824 - Heroes Park Digital Sign (R) **Funding Source:** General Obligation Bonds

**Project Description:** This is a Council request for a capital project placeholder to purchase a new digital sign for Heroes Park. The sign would include a double sided, full color LED display, mounted in a dual leg mount cabinet.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000</b>

**Operating Description:**



**FUND SUMMARY: 2160-Library Construction**

**Category: 6%**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
T2810 Library Renovation	0	0	0	0	0	11,590,260
<i>Sub-Total - Existing Assets</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>11,590,260</i>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,590,260</b>
<b>Total FY 2018 Funding:</b>	<b>\$0</b>					

**PROJECT DETAIL: 2160-Library Construction**

**Category: 6%**

**Project:** T2810 - Library Renovation (I) **Funding Source:** General Obligation Bonds

**Project Description:** This is a request to modernize the three branch libraries to meet the expectations of the community. This project will include renovating and updating the interior spaces at the Velma Teague Branch Library (built in 1969), the Main Library (built in 1987), and Foothills Branch Library (built in 1999).

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$227,260
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$11,363,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,590,260</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2040-Public Safety Construction** **Category: 20%**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
75037 *Regional Wireless Cooperative	0	2,351,250	2,351,250	0	0	0
<i>Replacement of Existing Assets</i>						
75024 800MHz Comm Equip	0	0	0	0	0	1,408,819
75034 Engine & Ladder Replacement	0	0	0	0	0	3,920,612
T1820 Public Safety Bldgs. Renewal	0	0	0	0	0	73,193,750
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>2,351,250</b>	<b>2,351,250</b>	<b>0</b>	<b>0</b>	<b>78,523,181</b>
<b>New Assets</b>						
<b>0</b>						
75020 City Court Building	0	0	0	0	0	43,075,302
T5536 Fire Station - Western Area	0	0	0	0	0	12,812,628
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55,887,930</b>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$2,351,250</b>	<b>\$2,351,250</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0 \$134,411,111</b>
<b>Total FY 2018 Funding:</b>		<b>\$2,351,250</b>				

**PROJECT DETAIL: 2040-Public Safety Construction** **Category: 20%**

**Project:** 75037\* - Regional Wireless Cooperative (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project helps fund the city's share of membership in the Regional Wireless Cooperative (RWC) digital communications system (two way radio). Fees associated with this membership cover the operational and maintenance costs on a per radio basis as well as special assessment fees. Membership in the RWC provides enhances service, redundancy and increased coverage for all city departments. Most importantly, interoperability not only within city departments but also valley wide partners, is greatly increased. The city's "Gold Elite" consoles will require replacement upon the upgrade to IP-based radio communications as will portable and mobile radios used in the field which have reached their recommended end of life. In addition, this includes upgrades to our radio hardware due to known and anticipated upgrades and mandates which will make our current radio system obsolete.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
IT/Phone/Security	\$0	\$2,351,250	\$2,351,250	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,351,250</b>	<b>\$2,351,250</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

\*=New Project, N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



**PROJECT DETAIL: 2040-Public Safety Construction** **Category: 20%**

**Project:** 75024 - 800MHz Comm Equip (R) **Funding Source:** General Obligation Bonds

**Project Description:** Replacement and/or upgrade of existing radios for the Regional Wireless Cooperative to assure the department continues to meet Federal Communications Commission requirements for Public Safety radio transmissions as mandated and/or to replace radios that have met or exceeded their life expectancy and require technology upgrades. The life expectancy for radios is 8 to 10 years.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$28,176
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380,643
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,408,819</b>

**Operating Description:** O and M includes network fees annually at \$94.59 per month, per radio for 196 radios, as identified by the RWC for FY2018/2019. The department will submit a supplemental in the future for the additional O and M. Annual ongoing O and M before inflationary increases: \$222,476.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$224,476

**Project:** 75034 - Engine & Ladder Replacement (R) **Funding Source:** General Obligation Bonds

**Project Description:** To maximize the safe use of Emergency Code 3 Apparatus the Fire Department's replacement plan indicates that front line engines should be replaced at 7 years or 100,000 miles and be moved into a reserve status. Ladder trucks should be replaced after 15 years or 100,000 miles. The department will maintain a reserve fleet of one reserve truck for every two front line trucks. This CIP request is for a continuous plan for replacement of the department's Code 3 Apparatus in an effort to be compliant with the National Fire Protection Association Standards for emergency apparatus. Our fleet now averages 11 years old and 150,000 miles of service.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$78,412
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$3,842,200
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,920,612</b>

**Operating Description:** No additional O and M is needed since this is the replacement of existing equipment.

**Project:** T1820 - Public Safety Bldgs. Renewal (R) **Funding Source:** General Obligation Bonds

**Project Description:** This project is to replace two fire stations(152 & 153), modernize two police stations, and renew three public safety buildings

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$6,968,750
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$65,500,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$725,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,193,750</b>

**Operating Description:**



**PROJECT DETAIL: 2040-Public Safety Construction** **Category: 20%**

**Project:** 75020 - City Court Building (N) **Funding Source:** General Obligation Bonds

**Project Description:** Construction will resume on the city court building in the future years. As of the end of December 2009, the structure was built to ground level. When completed the building is expected to be approximately 90,000 net square feet and include 10 courtrooms. There is the possibility of additional costs due to the delay in construction.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$4,742,010
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$31,613,404
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$861,506
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$2,235,868
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$139,968
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$316,134
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$3,166,412
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,075,302</b>

**Operating Description:** O and M would be needed starting in FY 2022 and includes a Building Maintenance Worker, two Custodians, a Day Porter and three Detention Officers. Other items include, utilities and electricity, security, building and elevator maintenance, parking lot sweeping and custodial supplies. There are \$213,800 in one-time expenses in FY 2021 including one-time purchases of vehicles and other essential supplies. The O and M related to opening the new facility does not include current grant-funded and one-time funded staff and operational costs. These costs total \$577,269. O and M costs for additional court positions will also be needed starting in the year the building is occupied. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Staffing	\$0	\$0	\$0	\$0	\$0	\$1,453,002
Utilities	\$0	\$0	\$0	\$0	\$0	\$184,533
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$250,966
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$47,056
Insurance	\$0	\$0	\$0	\$0	\$0	\$51,671
Electrical	\$0	\$0	\$0	\$0	\$0	\$1,107,210
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$18,684
Landscape	\$0	\$0	\$0	\$0	\$0	\$27,426
Water	\$0	\$0	\$0	\$0	\$0	\$38,579
Refuse	\$0	\$0	\$0	\$0	\$0	\$22,492



**PROJECT DETAIL: 2040-Public Safety Construction** **Category: 20%**

**Project:** T5536 - Fire Station - Western Area (N) **Funding Source:** General Obligation Bonds

**Project Description:** Design and construction of a 15,000 sq ft, four bay fire station, with firefighter quarters for 18 personnel, furniture, fixtures, equipment, office space and storage. Equipment includes one engine. This facility will respond to the surrounding areas between Northern Avenue and Camelback Road and 83rd to 115th Avenues. This fire station would house a fire pumper 24/7 initially, with further expansion of ladders and medic units as growth demands.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$2,395,800
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$1,407,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$5,226,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$256,253
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$156,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$52,260
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,040
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$1,625,775
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,812,628</b>

**Operating Description:** Additional O and M would be needed starting in March of 2021. Staffing includes the salary and benefits for 12 Firefighters, 3 Captains, 3 Engineers and .5 FTE Building Maintenance Worker. Also includes promotions, training, medic pay, station supplies, station and equipment maintenance, telephone charges, grounds maintenance, insurance and one-time cost in the amount of \$486,895 to recruit, test, hire and to send 18 firefighters to the training academy and six to medic school. Utilities, building maintenance, supplies and custodial services for 15,000 sq ft of space. PC replacement contributions for 3 computers and 1 color printer replacement = \$2,182. Landscaping estimated at \$0.22 per sq ft for 15,000 sq ft. Water estimated at \$0.195 per sq ft. Refuse estimated at \$342.26 x 12 months. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Staffing	\$0	\$0	\$0	\$0	\$0	\$3,844,622
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$703,502
Utilities	\$0	\$0	\$0	\$0	\$0	\$146,398
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$434,875
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$57,327
Insurance	\$0	\$0	\$0	\$0	\$0	\$36,165
Electrical	\$0	\$0	\$0	\$0	\$0	\$72,695
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$62,820
Landscape	\$0	\$0	\$0	\$0	\$0	\$9,501
Water	\$0	\$0	\$0	\$0	\$0	\$8,421
Refuse	\$0	\$0	\$0	\$0	\$0	\$11,824



**FUND SUMMARY: 2130-Cultural Facility Construction** **Category: 6%**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
84309 *Sahuaro Ranch Park Improvments	100,000	100,000	84,550	0	0	0	0
<i>Sub-Total - Existing Assets</i>	<i>100,000</i>	<i>100,000</i>	<i>84,550</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$84,550</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>	<b>\$200,000</b>						

**PROJECT DETAIL: 2130-Cultural Facility Construction** **Category: 6%**

**Project:** 84309\* - Sahuaro Ranch Park Improvments (I) **Funding Source:** General Obligation Bonds

**Project Description:** This project will include the renovation and stabilization of the historic area of Sahuaro Ranch Park over a three year period. The historic area includes 13 original buildings, a rose garden, barnyard and historic orchards and has been a cultural asset that celebrates the city's historic beginnings. Listed on the National Register of Historical Places and known as the "Showplace of the Valley," the Sahuaro Ranch Historic Area offers activities, exhibits and guided tours—keeping the history of early settlement in the Valley alive.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$87,165	\$75,000	\$0	\$0	\$0	\$0
Construction	\$87,165	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$5,753	\$4,950	\$0	\$0	\$0	\$0
Engineering Charges	\$5,753	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$872	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$872	\$750	\$0	\$0	\$0	\$0
Contingency	\$0	\$6,210	\$3,850	\$0	\$0	\$0	\$0
Contingency	\$6,210	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$84,550</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**FUND SUMMARY: 2100-Economic Development Constructi** **Category: 6%**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>New Assets</b>							
0							
84408 *Parking Lot P2-BHR and 95th	7,000,000	0	0	0	0	0	0
<i>Sub-Total - New Assets</i>	<i>7,000,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$7,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>		<b>\$7,000,000</b>					

**PROJECT DETAIL: 2100-Economic Development Construc** **Category: 6%**

**Project:** 84408\* - Parking Lot P2-BHR and 95th (N) **Funding Source:** General Obligation Bonds

**Project Description:** Design and construction for a surface parking lot located south of Bethany Home Road between 91st and 95th avenues.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$27,853	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,621,647	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$80,500	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$7,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** Electricity for 400 lights, pavement maintenance and striping every 5 years, and landscaping and Irrigation.



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2180-Flood Control Construction** **Category: 20%**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u> <u>New Funding</u>						
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
79004 Local Drainage Problems	1,028,476	1,100,480	324,230	324,230	324,230	0	322,230
<b>Sub-Total - Existing Assets</b>	<b>1,028,476</b>	<b>1,100,480</b>	<b>324,230</b>	<b>324,230</b>	<b>324,230</b>	<b>0</b>	<b>322,230</b>
<b>New Assets</b>							
<b>0</b>							
79013 Bethany Home SD, 79th-67th	0	0	0	0	0	0	6,306,500
79014 59th Ave & Thunderbird Rd SD	0	0	0	0	0	0	1,993,011
T2910 Bethany Home SD, 67th-58th	0	0	0	0	0	0	5,450,900
T7901 83rd Ave BethanyHm to Camelbac	0	0	0	0	0	0	3,125,030
T7902 Camelback Rd. 51st to 58th	0	0	0	0	0	0	3,127,030
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,002,471</b>
<b>Total Project Expenses:</b>	<b>\$1,028,476</b>	<b>\$1,100,480</b>	<b>\$324,230</b>	<b>\$324,230</b>	<b>\$324,230</b>	<b>\$0</b>	<b>\$20,324,701</b>
<b>Total FY 2018 Funding:</b>		<b>\$2,128,956</b>					

**PROJECT DETAIL: 2180-Flood Control Construction** **Category: 20%**

**Project:** 79004 - Local Drainage Problems (I) **Funding Source:** General Obligation Bonds

**Project Description:** Construct localized storm drain improvements to mitigate drainage and/or flooding problems. This is an ongoing program that typically addresses drainage problems in older neighborhoods, residential areas and extends existing storm drain systems.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0
Construction	\$1,012,676	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,000,000	\$300,000	\$300,000	\$300,000	\$0	\$300,000
Finance Charges	\$0	\$15,480	\$4,530	\$4,530	\$4,530	\$0	\$4,530
Engineering Charges	\$0	\$43,000	\$14,700	\$14,700	\$14,700	\$0	\$14,700
Arts	\$15,800	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$10,000	\$3,000	\$3,000	\$3,000	\$0	\$3,000
Contingency	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$0	\$0
<b>TOTAL</b>	<b>\$1,028,476</b>	<b>\$1,100,480</b>	<b>\$324,230</b>	<b>\$324,230</b>	<b>\$324,230</b>	<b>\$0</b>	<b>\$322,230</b>

**Operating Description:** Storm drain pipe requires little or no maintenance and in most cases will reduce existing maintenance because storm water does not pond in the street or other public facility.



**PROJECT DETAIL: 2180-Flood Control Construction** **Category: 20%**

**Project:** 79013 - Bethany Home SD, 79th-67th (N) **Funding Source:** General Obligation Bonds

**Project Description:** Construct storm drain pipe, inlets and other appurtenances in Bethany Home Road from 79th Avenue to 67th Avenue. Construction costs are to be shared with Maricopa County Flood Control District (50%). Total estimated project cost is \$10.3M. The funds in this account only reflect the City's portion. The project will include storm drain pipe, catch basins, and appurtenances.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$5,400,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$54,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,306,500</b>

**Operating Description:** Storm drain pipe requires little or no maintenance and in most cases will reduce existing maintenance because storm water does not pond in the street or other public facility.

**Project:** 79014 - 59th Ave & Thunderbird Rd SD (N) **Funding Source:** General Obligation Bonds

**Project Description:** Project will construct a storm drain in 59th Avenue between the Thunderbird Road intersection and the Arizona Canal Drainage Channel.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$58,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$29,666
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$48,345
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$17,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$116,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,993,011</b>

**Operating Description:** No additional O and M is required for this project.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2180-Flood Control Construction** **Category: 20%**

**Project:** T2910 - Bethany Home SD, 67th-58th (N) **Funding Source:** General Obligation Bonds

**Project Description:** Construct a storm drain in Bethany Home Road from 67th to 58th Avenues. Construction costs are to be shared with Maricopa County Flood Control District (50%). Total estimated project cost is \$8.9M. The funds in this account only reflect the City's portion (60%). The project will include storm drain pipe, catch basins, and appurtenances.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$480,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$4,680,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$51,600
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$46,800
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,450,900</b>

**Operating Description:** Storm drain pipe requires little or no maintenance and in most cases will reduce existing maintenance because storm water does not pond in the street or other public facility.

**Project:** T7901 - 83rd Ave BethanyHm to Camelbac (N) **Funding Source:** General Obligation Bonds

**Project Description:** Installation of storm drain in 83rd from Bethany Home Rd. to Camelback Rd. as identified in the Stormwater Management Plan

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$45,030
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,125,030</b>

**Operating Description:**

**Project:** T7902 - Camelback Rd. 51st to 58th (N) **Funding Source:** General Obligation Bonds

**Project Description:** Installation of storm drain Camelback Rd. from 51st to 58th Ave. Identified in the Stormwater Management Plan

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$45,030
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,127,030</b>

**Operating Description:**



**FUND SUMMARY: 1600-DIF-Roadway Improvements** **Category: DIF**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b>Carrvoer</b>	<b>New Funding</b>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
67814 59th & Olive Ave (1600)	205,900	0	0	0	0	0	0
67820 *59th & Olive Ave (1601)	0	1,486,915	0	0	0	0	0
67880 *59th & Olive Ave (1602)	360,688	360,351	0	0	0	0	0
<i>Replacement of Existing Assets</i>							
67802 Dev. Agree. - Arterials	65,110	0	0	0	0	0	0
67809 DIF Update	0	0	34,553	0	0	0	34,553
67821 95th Avenue Extension (1601)	0	600,000	0	0	0	0	0
67930 Bethany Hm 83rd -91st (1603)	0	0	650,000	791,650	1,500,000	0	0
<b>Sub-Total - Existing Assets</b>	<b>631,698</b>	<b>2,447,266</b>	<b>684,553</b>	<b>791,650</b>	<b>1,500,000</b>	<b>0</b>	<b>34,553</b>
<b>New Assets</b>							
<b>0</b>							
67803 Dev. Agree. - Signals	36,514	0	0	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>36,514</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$668,212</b>	<b>\$2,447,266</b>	<b>\$684,553</b>	<b>\$791,650</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$34,553</b>
<b>Total FY 2018 Funding:</b>	<b>\$3,115,478</b>						

**PROJECT DETAIL: 1600-DIF-Roadway Improvements** **Category: DIF**

**Project:** 67814 - 59th & Olive Ave (1600) (I) **Funding Source:** Development Impact Fees

**Project Description:** This project includes constructing improvements at the 59th and Olive avenues intersection. Improvements at the intersection include installation of turn lanes and bus bays.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$205,900	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$205,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This project is to add capacity to the existing intersection. No additional O and M is anticipated based on current information.

**Project:** 67820\* - 59th & Olive Ave (1601) (I) **Funding Source:** Development Impact Fees

**Project Description:** This project includes constructing improvements at the 59th and Olive avenues intersection. Intersection include installation of turn lanes and bus bays.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$1,440,640	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$39,600	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$6,675	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,486,915</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This project is to add capacity to the existing intersection. No additional O and M is anticipated based on current information.



**PROJECT DETAIL: 1600-DIF-Roadway Improvements** **Category: DIF**

**Project:** 67880\* - 59th & Olive Ave (1602) (I) **Funding Source:** Development Impact Fees

**Project Description:** This project includes relocation of utilities, purchase right-of-way and construct improvements at the 59th and Olive avenues intersection. Improvements at the intersection include installation of turn lanes and bus bays.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$125,030	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$360,351	\$0	\$0	\$0	\$0	\$0
Construction	\$126,251	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$109,407	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$360,688</b>	<b>\$360,351</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This project is to add capacity to the existing intersection. No additional O and M is anticipated based on current information.

**Project:** 67809 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the roadway improvements

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$34,553	\$0	\$0	\$0	\$34,553
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$34,553</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$34,553</b>

**Operating Description:**

**Project:** 67821 - 95th Avenue Extension (1601) (R) **Funding Source:** Development Impact Fees

**Project Description:** Project will complete 95th Avenue between Camelback Road and Bethany Home Road. It will include, ROW acquisition, phase I environmental clearance, geotechnical investigation, utility coordination, survey and construction.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 67930 - Bethany Hm 83rd -91st (1603) (R) **Funding Source:** Development Impact Fees

**Project Description:** ROW Acquisition, design and construction of Bethany Home North of Center Line. (Stone Haven development agreement).

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$0	\$0	\$650,000	\$641,650	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$650,000</b>	<b>\$791,650</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1600-DIF-Roadway Improvements** **Category: DIF**

**Project:** 67803 - Dev. Agree. - Signals (N) **Funding Source:** Development Impact Fees

**Project Description:** Fees charged to developers are used to improve intersections that have experienced increased vehicular traffic generated by new development. This project provides for the installation or upgrades of traffic signals and Intelligent Transportation Systems equipment at various locations throughout the city.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$36,514	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$36,514</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M costs are for the electricity and maintenance of new traffic signal installations. A supplemental budget request will be made as new equipment is added to the system.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Utilities	\$121,550	\$125,190	\$128,950	\$132,820	\$0	\$726,310
Equip. Maint.	\$60,780	\$62,600	\$64,480	\$66,410	\$0	\$363,160



**FUND SUMMARY: 1520-DIF-Citywide Open Space** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
70453 Discovery Park	178,943	0	0	0	0	0
70454 Pasadena Park	0	139,157	0	0	0	0
70455 *Thunderbird Park Imprvmts 1520	0	0	0	150,000	0	0
70456 *T-Bird Park Mstr Plan 1520	0	0	34,944	0	0	0
<b>Sub-Total - Existing Assets</b>	<b>178,943</b>	<b>139,157</b>	<b>34,944</b>	<b>150,000</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$178,943</b>	<b>\$139,157</b>	<b>\$34,944</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>		<b>\$318,100</b>				

**PROJECT DETAIL: 1520-DIF-Citywide Open Space** **Category: DIF**

**Project:** 70453 - Discovery Park (I) **Funding Source:** Development Impact Fees

**Project Description:** This project will create new amenities and infrastructure related to Discovery Park. Likely improvements include additional trails in the park and trail connections to the adjacent neighborhoods. Other improvements may include picnic ramadas, shaded rest areas, drinking fountains, enhanced open play areas, playground or exercise equipment, and other trail amenities and site improvements that address growth within the city.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$15,443	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$178,943</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed at this time.

**Project:** 70454 - Pasadena Park (I) **Funding Source:** Development Impact Fees

**Project Description:** This project will create new amenities and infrastructure related to Pasadena Park. The project is proposed to include a multi-use loop path connection to adjacent sidewalks in the park and to make connections to the adjacent neighborhoods, as well as site improvements that address growth within this area of the city.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$139,157	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$139,157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed at this time.



**PROJECT DETAIL: 1520-DIF-Citywide Open Space** **Category: DIF**

**Project:** 70455\* - Thunderbird Park Imprvmts 1520 (I) **Funding Source:** Development Impact Fees

**Project Description:** Thunderbird Conservation Park continues to be one of the more popular facilities within the City of Glendale park system. With over 1,100 acres of undisturbed desert habitat, the ongoing maintenance of the existing eight main trails and the development of additional trails to meet the increasing demand is critical to maintaining the natural desert habitat.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$0	\$0	\$121,700	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$0	\$12,000	\$0	\$0	\$0
Arts	\$0	\$0	\$0	\$1,217	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$15,083	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 70456\* - T-Bird Park Mstr Plan 1520 (I) **Funding Source:** Development Impact Fees

**Project Description:** This project will update and revise the existing Thunderbird Conservation Park master plan. This is partial funding of this project, the balance is being requested in Fund 2140 Open Space and Trails in the amount of \$15,056.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$34,944	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$34,944</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 1460-DIF-Citywide Parks** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
72505 * Oranewood Vista 1460	0	226,536	0	0	0	0
73475 Citywide Park Improv (1461)	0	105,917	0	0	0	0
<b>Sub-Total - Existing Assets</b>	<i>0</i>	<i>332,453</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$332,453</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>		<b>\$332,453</b>				

**PROJECT DETAIL: 1460-DIF-Citywide Parks** **Category: DIF**

**Project:** 72505\* - Oranewood Vista 1460 (I) **Funding Source:** Development Impact Fees

**Project Description:** The project would include the construction of additional basketball courts at Heroes Regional Park, Rose Lane and O'Neil community parks to accommodate increased use and population growth. Additionally, we need to add to existing play structures to accommodate the age category 6 months to two years. Current playground events are designed for children ages 2 - 5 and 5 - 12. Recent ASTM and CPSC standards have indicated a need to provide play events for the younger age group. This project meets the 2011 Parks and Recreation Master Plan's primary action plan goals of "Develop and improve shade structures and amenities in parks" and "Revitalize conditions of neighborhood parks".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$210,536	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$13,895	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$2,105	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$226,536</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 73475 - Citywide Park Improv (1461) (I) **Funding Source:** Development Impact Fees

**Project Description:** The project would include the construction of additional basketball courts at Heroes Regional Park, Rose Lane and O'Neil community parks to accommodate increased use and population growth. Additionally, we need to add to existing play structures to accommodate the age category 6 months to two years. Current playground events are designed for children ages 2 - 5 and 5 - 12. Recent ASTM and CPSC standards have indicated a need to provide play events for the younger age group. This project meets the 2011 Parks and Recreation Master Plan's primary action plan goals of "Develop and improve shade structures and amenities in parks" and "Revitalize conditions of neighborhood parks".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$105,917	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$105,917</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**FUND SUMMARY: 1480-DIF-Citywide Rec Facility** **Category: DIF**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b><u>Carrvoer</u> <u>New Funding</u></b>						
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
72806 *Grand Canal Linear Prk Staging	23,150	0	0	0	0	0	0
72807 *Heroes Regional Park Study	30,000	0	0	0	0	0	0
72808 *Thunderbird Park Imprvmt 1480	0	0	123,514	0	0	0	0
72810 *Parks Master Plan Update	10,000	0	0	0	0	0	0
72811 *FRAC Enhancements	30,000	0	0	0	0	0	0
72812 *Heroes Regional Park	564,012	0	0	0	0	0	0
72813 *Southern Park Maintenance Area	139,838	0	0	0	0	0	0
<i>Replacement of Existing Assets</i>							
72801 DIF Update	0	0	3,469	0	0	0	3,469
<b>Sub-Total - Existing Assets</b>	<b>797,000</b>	<b>0</b>	<b>126,983</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,469</b>
<b>Total Project Expenses:</b>	<b>\$797,000</b>	<b>\$0</b>	<b>\$126,983</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>
<b>Total FY 2018 Funding:</b>		<b>\$797,000</b>					

**PROJECT DETAIL: 1480-DIF-Citywide Rec Facility** **Category: DIF**

**Project:** 72806\* - Grand Canal Linear Prk Staging (I) **Funding Source:** Development Impact Fees

**Project Description:** This project request is for the expansion of the Grand Canal Linear Park Equestrian Staging Facility located south of Bethany Home Road on 79th Avenue to accommodate additional demand for equestrian parking, trail use, and larger horse trailers. The recent completion of an additional segment of the New River trail and future plans to develop the segment of the Grand Canal will complete the connection of the two trails. This project complies with the 2011 Parks and Recreation Master Plan primary action plan recommended major areas of focus according to the priorities and interests of the community to "Improve existing and develop new trails, greenways and complete the Trails Master Plan".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$150	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$23,150</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1480-DIF-Citywide Rec Facility** **Category: DIF**

**Project:** 72807\* - Heroes Regional Park Study (I) **Funding Source:** Development Impact Fees

**Project Description:** The build-out of the remaining portions of the park are currently planned to be construction of an urban lake system, a softball/baseball field complex, soccer fields, open green space, additional walking and riding paths, a recreation and aquatics center, and a western area branch library which were postponed until financial capacity to construct is identified. Staff has continued to plan and/or obtain funding to further phase-in the various planned elements of the park, as appropriate. This project will update the existing master plan with more current and viable data as well as input from the public and key external and internal stakeholders. Staff received direction from the City Council to move forward with this project at the 1/5/16 Workshop session. This project complies with the 2011 Parks and Recreation Master Plan primary action plan recommended major areas of focus according to the priorities and interests of the community to "Complete the Western Area Regional Park".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 72808\* - Thunderbird Park Imprvmt 1480 (I) **Funding Source:** Development Impact Fees

**Project Description:** This project will provide funding for the development, construction and installation of park amenities and improvements. These amenities/improvements are in response to the growth in park visitors and users. This project complies with the City Council 2011 approved Parks and Recreation Master Plan secondary action plan recommended major areas of focus according to the priorities and interests of the community to "Enhance and improve Thunderbird Conservation Park".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$0	\$110,410	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$12,000	\$0	\$0	\$0	\$0
Arts	\$0	\$0	\$1,104	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$123,514</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 72810\* - Parks Master Plan Update (I) **Funding Source:** Development Impact Fees

**Project Description:** With it's inception in July 2014, the Community Services Department became a very diverse department that provide programs and services as well as operates and manages facilities throughout the city. The various work groups that make up the department have or have had previously approved master and strategic plans to help guide their operations, facility management/maintenance and program/service delivery. This project will incorporate existing division or work group master /strategic plans to help create a new department wide plan that will provide recommendations and outcomes based on the new department organizational and financial and structure.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1480-DIF-Citywide Rec Facility**

**Category: DIF**

**Project: 72811\* - FRAC Enhancements (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

This project will include several facility improvements at the Foothills Recreation and Aquatics Center to address increased programming volume and demand in center use including additional security cameras, the addition of full size lockers to the active area, the installation of a multi-purpose floor in the Coyote Room and the modification of the existing gym floor to accommodate programming expansion.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 72812\* - Heroes Regional Park (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

This project request is for the completion of the half street improvements along the east side of 83rd Avenue at Heroes Regional Park. When the existing phases of the park were completed, the additional half street improvements for the east side of 83rd Avenue north of Bethany Home Road were part of the additional project items that were not completed due to budget and financing issues. Staff received direction from the City Council to move forward with this project at the 1/5/16 Workshop session. This project complies with the 2011 Parks and Recreation Master Plan primary action plan recommended major areas of focus according to the priorities and interests of the community to "Complete the Western Area Regional Park".

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$487,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$32,142	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$4,870	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$564,012</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 72813\* - Southern Park Maintenance Area (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

Construct a materials/equipment maintenance area at Heroes Regional Park. Staff received direction from the City Council to move forward with this project at the 1/5/16 Workshop session. This area will provide storage for regular park maintenance materials and equipment. Locating the maintenance area in Heroes Park will help parks maintenance staff decrease the amount of travel time from the Operations Center to the western and southern area park facilities. This project can be expanded to complete the full future planned maintenance facility for Heroes Regional Park.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$126,572	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$1,266	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$139,838</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1480-DIF-Citywide Rec Facility** **Category: DIF**

**Project:** 72801 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the citywide recreation

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$3,469	\$0	\$0	\$0	\$3,469
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>

**Operating Description:**



**FUND SUMMARY: 1540-DIF-Park Dev Zone 1** **Category: DIF**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrlover</u> <u>New Funding</u>						
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
73105 Orangewood Vista 1540	0	124,085	0	0	0	0	0
73525 *Picnic Ramada Expansion 1541	0	52,303	0	0	0	0	0
73575 *Picnic Ramada Expansion 1542	0	177,578	0	0	0	0	0
73576 Bike Park Foothills Park 1542	0	140,000	0	0	0	0	0
73625 *New River Trail Zn 2 W 1543	0	58,312	0	0	0	0	0
<i>Replacement of Existing Assets</i>							
73102 DIF Update	0	0	3,469	0	0	0	3,469
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>552,278</b>	<b>3,469</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,469</b>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$552,278</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>
<b>Total FY 2018 Funding:</b>		<b>\$552,278</b>					

**PROJECT DETAIL: 1540-DIF-Park Dev Zone 1** **Category: DIF**

**Project:** 73105 - Orangewood Vista 1540 (I) **Funding Source:** Development Impact Fees

**Project Description:** This phase will involve developing a two-acre portion of the remaining undeveloped 10-acre joint-use neighborhood park. The improvements will include a concrete pathway, ramada, and landscape. The school and the joint-use park were constructed to address the growth in the area and the increasing student enrollment in the neighboring schools in the Glendale Elementary School District. The service area for this joint-use park is without a neighborhood ramada and concrete walkways. The ramada, concrete pathway, and surrounding ground stabilization are the highest priorities. This project has additional funding in fund 1460 in the amount of \$225,987.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$5,500	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$106,520	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$11,000	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$1,065	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$124,085</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project. Ramada cleaning would simply be incorporated into the park maintenance routine.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 1540-DIF-Park Dev Zone 1**

**Category: DIF**

**Project: 73525\* - Picnic Ramada Expansion 1541 (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

The Parks, Recreation and Neighborhood Division's picnic ramadas can be used for both drop-in use as well as rentals. Ramada rentals generate approximately \$140,000 each year and staff have identified several parks that do not currently have picnic ramadas and other parks that are experiencing additional demand for ramada rentals. Parks such as Chapparal, Hillcrest, Oasis and Utopia are just a few parks in this development zone that have a high demand for ramada use.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$400	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$3,903	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$52,303</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 73575\* - Picnic Ramada Expansion 1542 (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

The Parks, Recreation and Neighborhood Division's picnic ramadas can be used for both drop-in use as well as rentals. Ramada rentals generate approximately \$140,000 each year and staff have identified several parks that do not currently have picnic ramadas and other parks that are experiencing additional demand for ramada rentals. Parks such as Heritage, Lions, Dos Lagos, Mondo, Sunset do not have ramadas, but have increased activity and demand to warrant the addition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$12,000	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$14,078	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$177,578</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 73576 - Bike Park Foothills Park 1542 (I)**

**Funding Source:**

Development Impact Fees

**Project Description:**

This is a new project request for a bike park at Foothills Park. The new project request is to construct a bike park adjacent to the existing Sk8 Court at Foothills Park. The existing Sk8 court was designed and built as a skate only facility and the Recreation staff and Park Rangers regularly encounter bikes in the skate court. This request will meet a growing need for a bike facility in this area of the city, keep the existing skate only park safer and reduce additional damage that bikes cause in the skate only facility.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 1540-DIF-Park Dev Zone 1** **Category: DIF**

**Project:** 73625\* - New River Trail Zn 2 W 1543 (I) **Funding Source:** Development Impact Fees

**Project Description:** The New River Trail system is an important link to a region-wide multi-use trail system that meanders throughout Glendale and Maricopa County. During the past several years of budget and funding reductions, the Parks, Recreation and Neighborhood Services staff have leveraged limited funding with other internal (City of Glendale Transportation Department) and external partners (Maricopa County Flood Control District) to continue the development and enhancement of alternate transportation options for Glendale residents. These options are part of a larger regional network of multi-modal trails which connect to other communities and recreational amenities.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$450	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$4,862	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$58,312</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No new additional O & M will be required

**Project:** 73102 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the neighborhood parks zone 1 portion of the DIF study and updates.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$3,469	\$0	\$0	\$0	\$3,469
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>

**Operating Description:**





**FUND SUMMARY: 1560-DIF-Park Dev Zone 2** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b>Carrvoer</b>	<b>New Funding</b>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
73404 Paseo Linear Park Additions	0	165,438	0	0	0	0
<i>Replacement of Existing Assets</i>						
73403 DIF Update	0	0	3,469	0	0	3,469
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>165,438</b>	<b>3,469</b>	<b>0</b>	<b>0</b>	<b>3,469</b>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$165,438</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>
<b>Total FY 2018 Funding:</b>	<b>\$165,438</b>					

**PROJECT DETAIL: 1560-DIF-Park Dev Zone 2** **Category: DIF**

**Project:** 73404 - Paseo Linear Park Additions (I) **Funding Source:** Development Impact Fees

**Project Description:** Additional amenities consist of accommodating community growth by expanding the multi-use path, adding pathway pullout nodes to relieve congestion and add additional active recreation play elements.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$137,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$12,000	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$1,370	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$15,068	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$165,438</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for these projects.

**Project:** 73403 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the neighborhood parks zone 2 portion of the DIF study and updates.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$3,469	\$0	\$0	\$0	\$3,469
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>

**Operating Description:**



**FUND SUMMARY: 1580-DIF-Park Dev Zone 3**

**Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>New Assets</b>						
0						
73702 DIF Update	0	0	3,469	0	0	3,469
<b>Sub-Total - New Assets</b>	0	0	3,469	0	0	3,469
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>
<b>Total FY 2018 Funding:</b>		<b>\$0</b>				

**PROJECT DETAIL: 1580-DIF-Park Dev Zone 3**

**Category: DIF**

**Project:** 73702 - DIF Update (N) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the neighborhood parks zone 3 portion of the DIF study and updates.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$3,469	\$0	\$0	\$0	\$3,469
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,469</b>

**Operating Description:**



**FUND SUMMARY: 1380-DIF-Library Buildings** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>New Assets</b>						
0						
74252 *Western Area Library 1380	0	1,755,029	0	0	0	0
<b>Sub-Total - New Assets</b>	0	1,755,029	0	0	0	0
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$1,755,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>		<b>\$1,755,029</b>				

**PROJECT DETAIL: 1380-DIF-Library Buildings** **Category: DIF**

**Project:** 74252\* - Western Area Library 1380 (N) **Funding Source:** Development Impact Fees

**Project Description:** In October 2014 and after review by the Library Advisory Board and staff, Council provided direction to develop conceptual designs for the possible location of a Western Area Branch Library at either Heroes Regional Park or on the third/fourth floors of the Glendale Media Center. Regardless of its location, the facility would be 7500- 8000 square feet in size and would result in library services provided to this geographic area of Glendale. Should the Council provide direction to move forward with this project, this is a specific "placeholder" request that would provide funding for full design and construction beginning in FY 16-17 and carry into FY 17-18. This project is also funded in fund 1500 in the amount of \$1,370,549.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$1,380,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$49,680	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$13,800	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$311,549	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,755,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O&M is included in project Western Area Library 1500.



**FUND SUMMARY: 1500-DIF-Libraries** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Replacement of Existing Assets</i>						
74752 DIF Update	0	0	17,563	0	0	17,563
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>0</b>	<b>17,563</b>	<b>0</b>	<b>0</b>	<b>17,563</b>
<b>New Assets</b>						
<b>0</b>						
74751 Library Books - Pop. Growth	79,261	310,000	135,029	0	0	0
74755 *Western Area Library 1500	328,614	1,046,549	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>407,875</b>	<b>1,356,549</b>	<b>135,029</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$407,875</b>	<b>\$1,356,549</b>	<b>\$152,592</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,563</b>
<b>Total FY 2018 Funding:</b>	<b>\$1,764,424</b>					

**PROJECT DETAIL: 1500-DIF-Libraries** **Category: DIF**

**Project:** 74752 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the library portion of the DIF updates.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$17,563	\$0	\$0	\$0	\$17,563
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,563</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,563</b>

**Operating Description:**

**Project:** 74751 - Library Books - Pop. Growth (N) **Funding Source:** Development Impact Fees

**Project Description:** This project requests the use of collected DIF to continue the phased-in approach of increasing the number of library material at the three Glendale libraries using remaining DIF balance previously collected during the high-growth phase of Glendale.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$79,261	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$310,000	\$135,029	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$79,261</b>	<b>\$310,000</b>	<b>\$135,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.



**PROJECT DETAIL: 1500-DIF-Libraries**

**Category: DIF**

**Project:** 74755\* - Western Area Library 1500 (N)

**Funding Source:** Development Impact Fees

**Project Description:**

In October 2014 and after review by the Library Advisory Board and staff, Council provided direction to develop conceptual designs for the possible location of a Western Area Branch Library at either Heroes Regional Park or on the third/fourth floors of the Glendale Media Center. Regardless of its location, the facility would be 7500- 8000 square feet in size and would result in library services provided to this geographic area of Glendale. Should the Council provide direction to move forward with this project, this is a specific "placeholder" request that would provide funding for full design and construction beginning in FY 16-17 and carry into FY 17-18. This project is also funded in fund 1380 in the amount of \$1,755,029.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$318,263	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,003,861	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$10,351	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$32,649	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$10,039	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$328,614</b>	<b>\$1,046,549</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

It is estimated O&M for this project is \$600,000 which includes 8.5 FTE's for a 40 hour per week operation. The ongoing O&M impact will be recalculated as a part of the final analysis of this potential project.



**FUND SUMMARY: 1420-DIF-Fire Protection Facilities** **Category: DIF**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Replacement of Existing Assets</i>						
77001 DIF Update	0	0	15,654	0	0	15,654
<i>Sub-Total - Existing Assets</i>	<i>0</i>	<i>0</i>	<i>15,654</i>	<i>0</i>	<i>0</i>	<i>15,654</i>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,654</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,654</b>
<b>Total FY 2018 Funding:</b>	<b>\$0</b>					

**PROJECT DETAIL: 1420-DIF-Fire Protection Facilities** **Category: DIF**

**Project:** 77001 - DIF Update (R) **Funding Source:** Development Impact Fees

**Project Description:** Development impact fee studies are required to be updated a minimum of every five years. The new fees are expected to take effect July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. This is the fire facilities portion of the DIF study and updates.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$15,654	\$0	\$0	\$0	\$15,654
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,654</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,654</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2360-Water & Sewer** **Category: Revenue**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b>Carrvoer</b>	<b>New Funding</b>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
60007 Arrwhd Wtr Reclam Fac Imps	7,000,000	3,308,412	7,038,526	8,853,062	9,300,000	0	0
60008 WAWRF Phase IV	2,500,000	600,000	500,000	500,000	500,000	0	0
60016 West Area WRF Improvements	0	3,500,000	4,800,000	6,300,000	6,000,000	6,100,000	0
<i>Replacement of Existing Assets</i>							
60010 Lab Data Management System	187,429	0	0	0	0	0	0
60014 SCADA Study & Replacement	8,160	450,000	300,000	0	0	0	0
60019 Vehicle Replacement	0	750,000	750,000	500,000	500,000	500,000	2,500,000
<b>Sub-Total - Existing Assets</b>	<b>9,695,589</b>	<b>8,608,412</b>	<b>13,388,526</b>	<b>16,153,062</b>	<b>16,300,000</b>	<b>6,600,000</b>	<b>2,500,000</b>
<b>New Assets</b>							
<b>0</b>							
60015 Asset Mangement Program	200,000	300,000	1,500,000	1,200,000	300,000	0	0
60017 Integrated Water Master Plan	0	0	2,000,000	500,000	0	0	0
60018 *Laboratory Equipment	80,000	80,000	120,000	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>280,000</b>	<b>380,000</b>	<b>3,620,000</b>	<b>1,700,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$9,975,589</b>	<b>\$8,988,412</b>	<b>\$17,008,526</b>	<b>\$17,853,062</b>	<b>\$16,600,000</b>	<b>\$6,600,000</b>	<b>\$2,500,000</b>
<b>Total FY 2018 Funding:</b>	<b>\$18,964,001</b>						

**PROJECT DETAIL: 2360-Water & Sewer** **Category: Revenue**

**Project:** 60007 - Arrwhd Wtr Reclam Fac Imps (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replace and improve headworks, sand filters, odor control, fiber optics, clarifiers, civil, mechanical and electrical components at the Arrowhead Ranch Water Reclamation Facility. The construction and cash flow period to continue over the next three years

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$230,000	\$383,500	\$484,250	\$507,000	\$0	\$0
Construction	\$0	\$2,700,000	\$5,900,000	\$7,400,000	\$7,800,000	\$0	\$0
Engineering Charges	\$0	\$81,412	\$106,026	\$154,812	\$135,000	\$0	\$0
Arts	\$0	\$27,000	\$59,000	\$74,000	\$78,000	\$0	\$0
Contingency	\$0	\$270,000	\$590,000	\$740,000	\$780,000	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$3,308,412</b>	<b>\$7,038,526</b>	<b>\$8,853,062</b>	<b>\$9,300,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 2360-Water & Sewer** **Category: Revenue**

**Project:** 60008 - WAWRF Phase IV (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Design and construct improvements and rehabilitation to the odor control and disinfection system as identified in the West Area Water Reclamation Facility Phase IV Master Plan.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$254,185	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$510,000	\$420,000	\$420,000	\$420,000	\$0	\$0
Construction	\$1,773,442	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$33,300	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$99,344	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$33,900	\$33,800	\$33,800	\$33,800	\$0	\$0
Arts	\$26,946	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$5,100	\$4,200	\$4,200	\$4,200	\$0	\$0
Contingency	\$0	\$51,000	\$42,000	\$42,000	\$42,000	\$0	\$0
Contingency	\$123,500	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$189,283	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$2,500,000</b>	<b>\$600,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 60016 - West Area WRF Improvements (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Evaluate, design and construct improvements to all process areas at the West Area WRF and raw sewage pump station (RSPS). To include improvements to civil, mechanical, plumbing, and electrical systems to continue to produce A+ effluent for reuse and recharge storage.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$315,000	\$382,750	\$480,000	\$470,375	\$570,375	\$0
Construction	\$0	\$2,800,000	\$3,900,000	\$5,100,000	\$4,900,000	\$4,900,000	\$0
Engineering Charges	\$0	\$77,000	\$88,250	\$159,000	\$90,625	\$90,625	\$0
Arts	\$0	\$28,000	\$39,000	\$51,000	\$49,000	\$49,000	\$0
Contingency	\$0	\$280,000	\$390,000	\$510,000	\$490,000	\$490,000	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$3,500,000</b>	<b>\$4,800,000</b>	<b>\$6,300,000</b>	<b>\$6,000,000</b>	<b>\$6,100,000</b>	<b>\$0</b>

**Operating Description:**

**Project:** 60010 - Lab Data Management System (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Purchase of a new information management system to replace the outdated data system. The new information system will interface directly with laboratory instrumentation, integrate quality control processes, eliminate duplicate and manual data entry, and automate regulatory reporting.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$187,429	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$187,429</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** Additional O and M expenses are related to software license renewals/updates and system configuration hardware requirements. The additional O and M will be absorbed by the department.



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2360-Water & Sewer** **Category: Revenue**

**Project:** 60014 - SCADA Study & Replacement (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Study alternative information and communication systems to develop a plan for improvements and upgrade to new technologies to increase functionality of the Supervisory Control and Data Acquisition (SCADA) system. The system gathers process data for monitoring and controlling the treatment processes.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$400	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$450,000	\$300,000	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$7,760	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$8,160</b>	<b>\$450,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 60019 - Vehicle Replacement (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replacement of vehicles, trucks, and excavation equipment.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$750,000	\$750,000	\$500,000	\$500,000	\$500,000	\$2,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**Operating Description:**

**Project:** 60015 - Asset Mangement Program (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Study the current asset management information system functions and operational needs. Procure new management system and implement.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$300,000	\$1,500,000	\$1,200,000	\$300,000	\$0	\$0
Miscellaneous/Other	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$200,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>	<b>\$1,200,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 60017 - Integrated Water Master Plan (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Conduct a comprehensive study to update the 2003 Water plan as amended in 2008 by the Groundwater plan; 2008 Wastewater plan; and the 2011 Stormwater Management plan and review the reclaimed water resources and use, facilities capacity, and infrastructure needs to serve the City of Glendale now and in the future. Then integrate into a Water Master Plan.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$2,000,000	\$500,000	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed at this time.



**PROJECT DETAIL: 2360-Water & Sewer** **Category: Revenue**

**Project:** 60018\* - Laboratory Equipment (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replace aging ion chromatograph and deionized water system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$80,000	\$120,000	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2400-Water** **Category: Revenue**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>	
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>						
<b>Existing Assets</b>								
<i>Improvement of Existing Assets</i>								
61023	Water System Security	20,900	150,000	150,000	150,000	150,000	500,000	
61024	Cholla Water Plant Process Imp	1,000,000	3,550,000	7,602,099	15,200,000	3,000,000	6,100,000	
61043	Pyramid Peak WTP Process Imp.	913,280	3,087,139	4,775,302	6,164,517	7,700,000	6,100,000	
61045	Thunderbird Reservoir Misc. Im	371,672	600,000	500,000	1,250,000	0	0	
61047	Citywide Meter Vault Imp	35,430	1,150,000	850,000	600,000	400,000	0	
61049	Zone 3 Water Supply Imp.	623,250	1,000,000	250,000	0	600,000	0	
61054	Distrib Sys Imprv - Citywide	583,385	500,000	500,000	500,000	500,000	0	
61055	Oasis WTP Improvements	0	1,000,000	1,500,000	500,000	0	7,000,000	
61062	*67th Ave Water line improv	0	0	600,000	1,000,000	500,000	0	
<i>Replacement of Existing Assets</i>								
61001	Fire Hydrant Replacement	29,142	1,350,000	850,000	0	0	0	
61013	Water Line Replacement	1,000,000	3,000,000	2,000,000	1,500,000	0	0	
61048	City Wide Well Rehab	517,363	1,000,000	1,350,000	1,000,000	950,000	0	
61060	Water Supply Redundancy	0	0	500,000	0	0	0	
61061	Water Capital Equipment	0	1,000,000	2,000,000	1,000,000	0	0	
<b>Sub-Total - Existing Assets</b>		<b>5,094,422</b>	<b>17,387,139</b>	<b>23,427,401</b>	<b>28,864,517</b>	<b>13,800,000</b>	<b>2,150,000</b>	<b>19,700,000</b>
<b>New Assets</b>								
<b>0</b>								
61019	Storage and Recovery Well	0	0	0	700,000	700,000	2,900,000	3,000,000
61027	Water Line Extension	0	0	300,000	650,000	500,000	0	0
61038	Loop 101 Water Treatment Plant	0	0	0	0	0	0	43,023,225
61051	Accural of Long-term Water Sto	0	600,000	600,000	700,000	700,000	500,000	2,500,000
61052	Recharge Storage Assessment	321,260	400,000	0	600,000	800,000	0	0
61056	White Mtn Apache Water Rights	0	3,500,000	3,500,000	0	0	0	0
61058	*Pyramid Peak WTP 15MGD Exp.	468,303	1,914,287	10,227,057	27,793,628	12,627,840	0	0
<b>Sub-Total - New Assets</b>		<b>789,563</b>	<b>6,414,287</b>	<b>14,627,057</b>	<b>30,443,628</b>	<b>15,327,840</b>	<b>3,400,000</b>	<b>48,523,225</b>
<b>Total Project Expenses:</b>		<b>\$5,883,985</b>	<b>\$23,801,426</b>	<b>\$38,054,458</b>	<b>\$59,308,145</b>	<b>\$29,127,840</b>	<b>\$5,550,000</b>	<b>\$68,223,225</b>
<b>Total FY 2018 Funding:</b>		<b>\$29,685,411</b>						

**PROJECT DETAIL: 2400-Water** **Category: Revenue**

\*=New Project, N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project: 61023 - Water System Security (I)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Installation of equipment citywide to further enhance security of the city's water supply, treatment plants, and distribution system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$125,000	\$125,000	\$125,000	\$125,000	\$500,000
Engineering Charges	\$0	\$25,000	\$11,250	\$11,250	\$11,250	\$11,250	\$0
Arts	\$0	\$0	\$1,250	\$1,250	\$1,250	\$1,250	\$0
Contingency	\$0	\$0	\$12,500	\$12,500	\$12,500	\$12,500	\$0
Miscellaneous/Other	\$20,900	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$20,900</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$500,000</b>

**Operating Description:** No additional O and M is needed for this project.

**Project: 61024 - Cholla Water Plant Process Imp (I)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Improve and rehabilitate all process areas and key component systems throughout the treatment plant, administration building, reservoir, and at the booster station.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$269,704	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$310,000	\$447,000	\$1,258,000	\$325,000	\$0	\$1,000,000
Construction	\$299,750	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$2,800,000	\$6,400,000	\$12,200,000	\$2,500,000	\$0	\$5,000,000
Finance Charges	\$49,500	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$132,000	\$108,699	\$150,000	\$150,000	\$0	\$38,333
Engineering Charges	\$146,151	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$52,647	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$28,000	\$6,400	\$122,000	\$25,000	\$0	\$50,000
Contingency	\$0	\$280,000	\$640,000	\$1,470,000	\$0	\$0	\$0
Miscellaneous/Other	\$182,248	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$11,667
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$3,550,000</b>	<b>\$7,602,099</b>	<b>\$15,200,000</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$6,100,000</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61043 - Pyramid Peak WTP Process Imp. (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Improve and rehabilitate all process areas and key component systems throughout the treatment plant. Construct chlorine gas generation facility in last five years to replace use of 1-ton containers. City of Peoria shares in the capital and operating costs of the plant. They will fund 23% of the total costs.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$189,000	\$724,052	\$267,159	\$686,000	\$226,250	\$950,000
Design	\$513,280	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$2,580,000	\$3,500,000	\$5,250,000	\$6,200,000	\$1,500,000	\$5,000,000
Construction	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$10,111	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$33,889
Engineering Charges	\$0	\$34,339	\$166,250	\$69,858	\$132,000	\$108,750	\$52,838
Engineering Charges	\$62,162	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$25,800	\$35,000	\$52,500	\$62,000	\$15,000	\$50,000
Arts	\$58,000	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$258,000	\$350,000	\$525,000	\$620,000	\$150,000	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$13,273
Miscellaneous/Other	\$69,727	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$913,280</b>	<b>\$3,087,139</b>	<b>\$4,775,302</b>	<b>\$6,164,517</b>	<b>\$7,700,000</b>	<b>\$2,000,000</b>	<b>\$6,100,000</b>

**Operating Description:** No additional O and M is required for this project.

**Project:** 61045 - Thunderbird Reservoir Misc. Im (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** The project includes a study to evaluate alternatives for enhancing water quality and the feasibility of adding 3-phase power at the Thunderbird Reservoir. Once the study is completed, design and construction of the recommended improvements are projected to proceed.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$47,500	\$45,000	\$77,000	\$0	\$0	\$0
Construction	\$0	\$475,000	\$385,000	\$1,025,000	\$0	\$0	\$0
Construction	\$351,672	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$10,222	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$25,500	\$27,650	\$44,475	\$0	\$0	\$0
Arts	\$2,300	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$4,500	\$3,850	\$1,025	\$0	\$0	\$0
Contingency	\$4,978	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$47,500	\$38,500	\$102,500	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$371,672</b>	<b>\$600,000</b>	<b>\$500,000</b>	<b>\$1,250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61047 - Citywide Meter Vault Imp (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Improve meter vault access per the city's design standards and rehabilitate, as needed, vault structure to meet safety requirements. Improve 124 vaults in four phases over multiple years.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0
Design	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,000,000	\$522,000	\$547,200	\$348,950	\$0	\$0
Engineering Charges	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$40,000	\$23,000	\$23,000	\$23,000	\$0	\$0
Arts	\$0	\$10,000	\$5,000	\$5,500	\$3,750	\$0	\$0
Arts	\$11,430	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$100,000	\$100,000	\$24,300	\$24,300	\$0	\$0
Miscellaneous/Other	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$35,430</b>	<b>\$1,150,000</b>	<b>\$850,000</b>	<b>\$600,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 61049 - Zone 3 Water Supply Imp. (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Rehabilitate specific portions of large water transmission main and related valves at 67th Avenue and Deer Valley Road and make improvements at the Hillcrest booster station to add reliability and redundancy within pressure Zone 2 and Zone 3 of the distribution system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$80,000	\$226,500	\$0	\$0	\$0	\$0
Construction	\$573,250	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$800,000	\$0	\$0	\$525,000	\$0	\$0
Engineering Charges	\$29,700	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$32,000	\$23,500	\$0	\$17,250	\$0	\$0
Arts	\$4,500	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$8,000	\$0	\$0	\$5,250	\$0	\$0
Contingency	\$0	\$80,000	\$0	\$0	\$52,500	\$0	\$0
Miscellaneous/Other	\$15,800	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$623,250</b>	<b>\$1,000,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed at this time.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61054 - Distrib Sys Imprv - Citywide (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replace and rehabilitate pressure reduction valves, water instrumentation, flow meters, and transmission mains connections. Develop a citywide water modeling plan for the water distribution system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$475,000	\$0	\$0	\$0	\$0	\$0
Construction	\$295,635	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$425,000	\$425,000	\$425,000	\$0	\$0
Engineering Charges	\$48,450	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$25,000	\$28,250	\$28,250	\$28,250	\$0	\$0
Arts	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$0	\$4,250	\$4,250	\$4,250	\$0	\$0
Contingency	\$0	\$0	\$42,500	\$42,500	\$42,500	\$0	\$0
Miscellaneous/Other	\$29,300	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$583,385</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 61055 - Oasis WTP Improvements (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Study both the surface and groundwater treatment plants' condition. Design and construct efficiency and operation upgrades. Replace filter underdrain infrastructure and make improvements to booster pump station. Replace brine ponds in FY2022-23.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$72,000	\$87,500	\$0	\$0	\$0	\$1,200,000
Construction	\$0	\$800,000	\$1,250,000	\$0	\$0	\$0	\$5,500,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$32,881
Engineering Charges	\$0	\$40,000	\$25,000	\$0	\$0	\$0	\$68,861
Arts	\$0	\$8,000	\$12,500	\$0	\$0	\$0	\$55,000
Contingency	\$0	\$80,000	\$125,000	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$500,000	\$0	\$0	\$143,258
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,000,000</b>

**Operating Description:**



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61062\* - 67th Ave Water line improv (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Assess and rehabilitate water lines and connections south of Jomax along 67th Avenue.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$875,000	\$424,001	\$0	\$0
Engineering Charges	\$0	\$0	\$45,000	\$28,750	\$28,250	\$0	\$0
Arts	\$0	\$0	\$15,000	\$8,750	\$5,249	\$0	\$0
Contingency	\$0	\$0	\$0	\$87,500	\$42,500	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$390,000	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$1,000,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 61001 - Fire Hydrant Replacement (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Program to replace or rehabilitate approximately 290 fire hydrant and 260 water valves annually. Within the distribution system, there are over 8,400 fire hydrants and 24,000 water valves. Priority is determined by age and loss of function.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$29,142	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$216,000	\$85,000	\$0	\$0	\$0	\$0
Construction	\$0	\$1,000,000	\$660,000	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$33,000	\$32,400	\$0	\$0	\$0	\$0
Arts	\$0	\$1,000	\$6,600	\$0	\$0	\$0	\$0
Contingency	\$0	\$100,000	\$66,000	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$29,142</b>	<b>\$1,350,000</b>	<b>\$850,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61013 - Water Line Replacement (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Program to rehabilitate large diameter water lines as identified in the Water Distribution System Evaluation Study conducted by CH2M-Hill. There are four locations citywide that will be rehabilitated over the next four years. New study will evaluate next rehabilitation locations for future years.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$480,663	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$130,650	\$90,000	\$0	\$0	\$0
Construction	\$326,363	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$2,700,000	\$1,650,000	\$1,237,500	\$0	\$0	\$0
Finance Charges	\$44,954	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$27,000	\$37,850	\$36,625	\$0	\$0	\$0
Engineering Charges	\$54,538	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$3,000	\$16,500	\$12,375	\$0	\$0	\$0
Contingency	\$0	\$270,000	\$165,000	\$123,500	\$0	\$0	\$0
Miscellaneous/Other	\$53,482	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$3,000,000</b>	<b>\$2,000,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 61048 - City Wide Well Rehab (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Evaluate existing groundwater wells and rehabilitate and improve the equipment to maintain high water quality and delivery service to meet the demand within the water distribution system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$79,500	\$88,800	\$62,000	\$0	\$0
Design	\$205,162	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$865,000	\$1,100,000	\$785,000	\$800,000	\$0	\$0
Construction	\$200,897	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$4,500	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$39,850	\$49,500	\$39,850	\$0	\$0	\$0
Engineering Charges	\$17,504	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$14,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$8,650	\$11,000	\$7,850	\$8,000	\$0	\$0
Contingency	\$0	\$86,500	\$110,000	\$78,500	\$80,000	\$0	\$0
Contingency	\$75,300	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$517,363</b>	<b>\$1,000,000</b>	<b>\$1,350,000</b>	<b>\$1,000,000</b>	<b>\$950,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project: 61060 - Water Supply Redundancy (R)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Water Supply Redundancy

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$38,500	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$385,000	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$34,150	\$0	\$0	\$0	\$0
Arts	\$0	\$0	\$3,850	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$38,500	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 61061 - Water Capital Equipment (R)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Replacement of capital equipment at water facilities. Includes PLC and VFD.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$80,000	\$180,000	\$80,000	\$0	\$0	\$0
Construction	\$0	\$880,000	\$1,760,000	\$880,000	\$0	\$0	\$0
Engineering Charges	\$0	\$32,000	\$44,000	\$32,000	\$0	\$0	\$0
Arts	\$0	\$8,000	\$16,000	\$8,000	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$2,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 61019 - Storage and Recovery Well (N)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Install groundwater recharge and recovery wells for the purpose of recharging effluent from the Arrowhead Water Reclamation Facility for "recovering" recharge water credits.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$360,000	\$132,400	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$200,000	\$2,610,000	\$2,800,000
Engineering Charges	\$0	\$0	\$0	\$66,000	\$66,600	\$29,000	\$49,601
Arts	\$0	\$0	\$0	\$0	\$20,000	\$0	\$28,000
Contingency	\$0	\$0	\$0	\$0	\$281,000	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$274,000	\$0	\$261,000	\$122,399
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$2,900,000</b>	<b>\$3,000,000</b>

**Operating Description:**

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$338,310
Utilities	\$0	\$0	\$0	\$0	\$0	\$241,650
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$108,740



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61027 - Water Line Extension (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Water line extensions are installed where needed to extend the city's water transmission and distribution systems to meet projected demand from future development. Projects funded from this account typically involve city participation in pipeline over sizing and other distribution piping extensions as needed to accommodate projected growth.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$260,000	\$63,000	\$48,000	\$0	\$0
Construction	\$0	\$0	\$0	\$500,000	\$390,000	\$0	\$0
Engineering Charges	\$0	\$0	\$14,700	\$32,000	\$18,000	\$0	\$0
Arts	\$0	\$0	\$2,300	\$5,000	\$4,000	\$0	\$0
Contingency	\$0	\$0	\$23,000	\$50,000	\$40,000	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$650,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 61038 - Loop 101 Water Treatment Plant (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Land for the Loop 101 water treatment plant was purchased in FY 2009 with payments from FY 2009 through FY 2013. The design and construction of the new plant has been deferred beyond FY 2022 due to reduced growth estimates.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$525,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$148,225
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,023,225</b>

**Operating Description:** A supplemental will be submitted once the project is completed.

**Project:** 61051 - Accrual of Long-term Water Sto (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Utilize Groundwater Saving Facility and Central Arizona Project agreements to accrue long-term water storage credits. Purchase of recharge water for accrual of long-term water storage credits. The goal is to accrue 25,000 acre feet by 2025.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$600,000	\$600,000	\$700,000	\$700,000	\$500,000	\$2,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**Operating Description:** No additional O and M is needed at this time.



**PROJECT DETAIL: 2400-Water** **Category: Revenue**

**Project:** 61052 - Recharge Storage Assessment (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Assessment of additional aquifer recharge capacity options and related hydrologic analyses required for obtaining required regulatory approvals and permits. Construct recharge infrastructure.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$370,000	\$0	\$0	\$0	\$0	\$0
Design	\$321,260	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$525,000	\$700,000	\$0	\$0
Engineering Charges	\$0	\$30,000	\$0	\$17,250	\$23,000	\$0	\$0
Arts	\$0	\$0	\$0	\$5,250	\$7,000	\$0	\$0
Contingency	\$0	\$0	\$0	\$52,500	\$70,000	\$0	\$0
<b>TOTAL</b>	<b>\$321,260</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed at this time.

**Project:** 61056 - White Mtn Apache Water Rights (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Acquire and develop renewable water supplies to increase the city's designation of assured water supply. Council approved on February 24, 2009, the White Mountain Apache Tribe (WMAT) Water Rights Settlement Agreement. On February 12, 2013, Council approved the Amended and Restated WMAT Water Quantification Agreement. These actions will result in settlement costs to receive up to 2,363 acre-feet of Central Arizona Project (CAP) water per year through a 100-year lease with WMAT and the U.S. Bureau of Reclamation.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$3,500,000	\$3,500,000	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 61058\* - Pyramid Peak WTP 15MGD Exp. (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Expand plant treatment capacity to 15 Million Gallons per Day to meet city of Peoria future demand. City of Peoria will fund 100% of all design, construction, and administration costs. Expansion to coincide with other plant improvements. The construction and cash flow period to continue over the next three years..

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$439,428	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$1,850,000	\$425,000	\$1,100,000	\$781,420	\$0	\$0
Construction	\$0	\$0	\$8,755,573	\$23,795,000	\$10,500,000	\$0	\$0
Engineering Charges	\$28,875	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$64,287	\$83,372	\$281,178	\$191,420	\$0	\$0
Arts	\$0	\$0	\$87,555	\$237,950	\$105,000	\$0	\$0
Contingency	\$0	\$0	\$875,557	\$2,379,500	\$1,050,000	\$0	\$0
<b>TOTAL</b>	<b>\$468,303</b>	<b>\$1,914,287</b>	<b>\$10,227,057</b>	<b>\$27,793,628</b>	<b>\$12,627,840</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2420-Sewer** **Category: Revenue**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
63006 Arrowhead Sewer Lines	192,286	500,000	250,000	500,000	2,000,000	2,450,000	0
63010 91st Ave. Construction	223,000	710,000	528,000	500,000	500,000	500,000	2,500,000
63030 Lift Station Recond. Program	500,000	0	500,000	500,000	500,000	0	2,000,000
<i>Replacement of Existing Assets</i>							
63003 99th Ave Interceptor Line	500,000	500,000	100,000	0	0	0	0
63016 Sewer Line Replacement	900,000	500,000	1,100,000	1,000,000	3,000,000	2,100,000	7,000,000
63024 Citywide Manhole Rehab	230,964	1,000,000	500,000	500,000	500,000	500,000	3,250,000
63026 Arrowhead Sewer Lines-phase 2	0	0	0	0	1,100,000	2,550,000	2,000,000
63027 Arrowhead Sewer Lines-phase 3	0	0	0	0	0	0	5,650,000
63031 Wastewater Capital Equipment	0	500,000	500,000	500,000	0	0	0
63032 Wastewater Collect-Imprv	0	500,000	500,000	500,000	0	0	0
<b>Sub-Total - Existing Assets</b>	<b>2,546,250</b>	<b>4,210,000</b>	<b>3,978,000</b>	<b>4,000,000</b>	<b>7,600,000</b>	<b>8,100,000</b>	<b>22,400,000</b>
<b>New Assets</b>							
<b>0</b>							
63008 Sewers for Areas on Septic Sys	0	50,000	0	0	0	0	0
63017 Sewer Line Extension	0	0	600,000	400,000	1,000,000	0	0
63029 *Sewer vactor truck	0	0	400,000	0	0	450,000	0
T3611 Glendale Ave 93rd-99th Ave	0	0	0	0	0	0	3,500,000
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>50,000</b>	<b>1,000,000</b>	<b>400,000</b>	<b>1,000,000</b>	<b>450,000</b>	<b>3,500,000</b>
<b>Total Project Expenses:</b>	<b>\$2,546,250</b>	<b>\$4,260,000</b>	<b>\$4,978,000</b>	<b>\$4,400,000</b>	<b>\$8,600,000</b>	<b>\$8,550,000</b>	<b>\$25,900,000</b>
<b>Total FY 2018 Funding:</b>		<b>\$6,806,250</b>					

**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**



**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project:** 63006 - Arrowhead Sewer Lines (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** To rehabilitate various wastewater collection lines in the Arrowhead Ranch area to improve sewer flow conditions and reduce sewer odors as identified in a report completed by Damon Williams and Associates. Phase 1 - from 79th Ave under loop 101 to ARWRF. The project is in three phases. This is phase 1.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$115,500	\$0	\$277,418	\$0	\$0
Design	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$420,000	\$115,500	\$420,000	\$1,295,000	\$2,250,000	\$0
Construction	\$92,042	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$24,020	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$33,800	\$19,000	\$33,800	\$65,082	\$124,750	\$0
Arts	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$4,200	\$0	\$4,200	\$10,000	\$5,250	\$0
Contingency	\$23,224	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$42,000	\$0	\$42,000	\$352,500	\$20,000	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0
<b>TOTAL</b>	<b>\$192,286</b>	<b>\$500,000</b>	<b>\$250,000</b>	<b>\$500,000</b>	<b>\$2,000,000</b>	<b>\$2,450,000</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 63010 - 91st Ave. Construction (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Improvements to the regional 91st Ave Wastewater Treatment Plant (WWTP) of which Glendale is part owner as a member of the Sub-Regional Operating Group (SROG). SROG consists of Glendale, Mesa, Phoenix, Tempe and Scottsdale.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$710,000	\$528,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Miscellaneous/Other	\$223,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$223,000</b>	<b>\$710,000</b>	<b>\$528,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**Operating Description:** No additional O and M is needed for this project.



**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project:** 63030 - Lift Station Recond. Program (I) **Funding Source:** Water & Sewer Revenues

**Project Description:** Evaluate condition, design, and construct improvements to lift stations and related force mains. These facilities operate in a harsh environment, resulting in the need to create a program that will periodically rehabilitate and improve operations.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$41,500	\$41,500	\$41,500	\$0	\$400,000
Construction	\$0	\$0	\$400,000	\$400,000	\$400,000	\$0	\$1,300,000
Engineering Charges	\$0	\$0	\$14,500	\$14,500	\$14,500	\$0	\$32,241
Engineering Charges	\$7,586	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$0	\$4,000	\$4,000	\$4,000	\$0	\$13,000
Contingency	\$0	\$0	\$40,000	\$40,000	\$40,000	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$254,759
Miscellaneous/Other	\$92,414	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$2,000,000</b>

**Operating Description:** No additional O and M is needed at this time.

**Project:** 63003 - 99th Ave Interceptor Line (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Rehabilitate portions of the interceptor and related manholes as determined by the Sewer Condition Assessment Study conducted by Project Engineering Consultants. The 99th Avenue interceptor line is the final collector to deliver influent to the 91st Avenue Wastewater Treatment Plant. Glendale owns 70% equity in the line. Additionally, sampling station GL02 will be rehabilitated.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$49,700	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$390,000	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$17,400	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$3,900	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$39,000	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed.



**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project: 63016 - Sewer Line Replacement (R)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Program to replace and rehabilitate sanitary sewer lines ranging in size from 8" to 27" and manholes as identified by the Sewer Evaluation Study prepared by HDR and Camp, Dresser and McKee (CDM) Engineers. Project will be completed in annual phases with priority to critical areas first.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$475,000	\$0	\$80,000	\$192,500	\$170,000	\$1,100,000
Design	\$480,000	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$950,000	\$800,000	\$2,500,000	\$1,700,000	\$5,700,000
Construction	\$173,039	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$53,352	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$29,000
Engineering Charges	\$77,334	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$25,000	\$45,500	\$32,000	\$32,500	\$26,500	\$39,714
Arts	\$0	\$0	\$9,500	\$8,000	\$25,000	\$18,500	\$47,000
Arts	\$61,800	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$95,000	\$80,000	\$250,000	\$185,000	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$84,286
Miscellaneous/Other	\$54,475	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$900,000</b>	<b>\$500,000</b>	<b>\$1,100,000</b>	<b>\$1,000,000</b>	<b>\$3,000,000</b>	<b>\$2,100,000</b>	<b>\$7,000,000</b>

**Operating Description:** No additional O and M is needed for this project.

**Project: 63024 - Citywide Manhole Rehab (R)** **Funding Source:** Water & Sewer Revenues

**Project Description:** Program to rehabilitate existing sewer manholes located throughout the city based on the Sewer Master Plan in annual phases.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$41,500	\$41,500	\$41,500	\$41,500	\$375,000
Construction	\$62,866	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$875,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,500,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$39,100
Engineering Charges	\$0	\$28,750	\$14,500	\$14,500	\$14,500	\$14,500	\$46,250
Arts	\$0	\$8,750	\$4,000	\$4,000	\$4,000	\$4,000	\$25,000
Arts	\$18,098	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$87,500	\$40,000	\$40,000	\$40,000	\$40,000	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$264,650
<b>TOTAL</b>	<b>\$230,964</b>	<b>\$1,000,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$3,250,000</b>

**Operating Description:** No additional O and M is needed for this project.





**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project:** 63026 - Arrowhead Sewer Lines-phase 2 (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replace or rehabilitate various sewer collection lines in the Arrowhead Ranch area to improve sewer flow conditions and reduce sewer odors as identified in a report by Damon Williams and Associates. Phase 2 - in Union Hills road from 67th Avenue to 79th Avenue.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$276,640	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$500,000	\$2,400,000	\$2,000,000
Engineering Charges	\$0	\$0	\$0	\$0	\$28,360	\$76,000	\$0
Arts	\$0	\$0	\$0	\$0	\$5,000	\$24,000	\$0
Contingency	\$0	\$0	\$0	\$0	\$290,000	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$2,550,000</b>	<b>\$2,000,000</b>

**Operating Description:**

**Project:** 63027 - Arrowhead Sewer Lines-phase 3 (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replace or rehabilitate various sewer collection lines in the Arrowhead Ranch area to improve sewer flow conditions and reduce sewer odors as identified in a report by Damon Williams and Associates. Phase 3 - in 67th Avenue from Union Hills to Utopia.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$27,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$83,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,650,000</b>

**Operating Description:**

**Project:** 63031 - Wastewater Capital Equipment (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Replacement of capital equipment at wastewater facilities. Includes PLC and VFD.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project:** 63032 - Wastewater Collect-Imprv (R) **Funding Source:** Water & Sewer Revenues

**Project Description:** Study, design and construct improvements to wastewater collection system. Includes air relief valves, odor control, and force mains.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$190,000	\$0	\$190,000	\$0	\$0	\$0
Construction	\$0	\$200,000	\$475,000	\$200,000	\$0	\$0	\$0
Engineering Charges	\$0	\$40,500	\$20,500	\$40,500	\$0	\$0	\$0
Arts	\$0	\$2,000	\$4,500	\$2,000	\$0	\$0	\$0
Contingency	\$0	\$67,500	\$0	\$67,500	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 63008 - Sewers for Areas on Septic Sys (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** This project installs sewers in the areas currently on septic systems. This is residential customer driven in which a residential group (subdivision, neighborhood, street, etc.) must request that their area be connected to the city sewer system.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 63017 - Sewer Line Extension (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Extend the sewer line from 95th Avenue to the west. Includes oversizing the sewer line and lift station.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$138,000	\$0	\$82,500	\$0	\$0
Construction	\$0	\$0	\$400,000	\$350,000	\$800,000	\$0	\$0
Engineering Charges	\$0	\$0	\$18,000	\$11,500	\$29,500	\$0	\$0
Arts	\$0	\$0	\$4,000	\$3,500	\$8,000	\$0	\$0
Contingency	\$0	\$0	\$40,000	\$35,000	\$80,000	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$400,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.



**PROJECT DETAIL: 2420-Sewer** **Category: Revenue**

**Project:** 63029\* - Sewer vactor truck (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Purchase sewer line cleaner (vactor) truck. Department operates with three such trucks. The oldest entered service in 2005 and has been reconditioned once. This is funding to replace the first one. The other two are scheduled in future years.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$0	\$400,000	\$0	\$0	\$450,000	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>	<b>\$0</b>

**Operating Description:**

**Project:** T3611 - Glendale Ave 93rd-99th Ave (N) **Funding Source:** Water & Sewer Revenues

**Project Description:** Design and construct a parallel relief sewer line on Glendale Avenue from 93rd to 99th Avenue as growth occurs in the area.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,400,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$55,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$420,500
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,500,000</b>

**Operating Description:** No additional O and M is needed for this project.



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**

**FUND SUMMARY: 2210-Transportation Construction** **Category: Transportation**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>	
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
65005 ITS Upgrades	436,814	0	528,318	0	0	0	
65006 Bus Pullouts	0	0	327,175	335,223	343,369	1,880,024	
65016 Northern Parkway	644,476	666,247	666,247	666,247	666,247	5,557,465	
65022 Transp. Prog. Engr. Consultant	0	261,350	270,687	276,642	281,116	1,540,969	
65023 *59th Avenue Improvements	0	0	0	0	0	22,289,979	
65042 *51st Ave & Bell Rd	0	0	0	0	0	1,440,153	
65069 Glendale Transportation Plan	337,966	0	0	0	0	890,936	
65078 Airport Matching Funds	163,240	88,142	100,000	50,000	0	160,000	
65088 Downtown Alley Improvements	23,479	0	0	0	0	0	
65089 Pavement Management	224,803	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	
<i>Replacement of Existing Assets</i>							
65004 Buses/Vans	0	0	0	0	0	650,365	
65014 Transit Support Capital	0	72,600	9,900	0	9,900	121,325	
65083 Speed Cushions	154,888	140,000	0	0	0	0	
65102 Arterial Roadway Improvements	0	6,188,150	0	0	0	0	
T1803 91st Avenue Improv. Turn Lane	0	0	0	0	0	827,620	
<b>Sub-Total - Existing Assets</b>	<b>1,985,666</b>	<b>9,416,489</b>	<b>3,902,327</b>	<b>3,328,112</b>	<b>3,290,732</b>	<b>45,358,836</b>	
<b>New Assets</b>							
<b>0</b>							
65017 Light Rail Design/Construction	0	0	0	0	390,000	99,324,000	
65062 Glendale Sports Facilities Sgn	183,379	0	0	0	0	0	
65063 New River - Multi-use Pathway	723,834	0	0	0	0	0	
65091 Airport RPZ Acquisition	0	1,850,000	1,850,000	0	0	0	
65097 New River North Shareduse Path	0	247,431	0	0	0	0	
65098 Widen 55th Ave for bike lanes	286,089	0	0	0	0	0	
65099 Neighborhood Pathways Connect	0	234,456	0	0	0	0	
65100 *Transit Study - Light Rail	1,000,000	0	0	0	0	0	
65101 *Sidewalk and Curb Improvements	117,406	186,271	124,866	155,699	0	0	
<b>Sub-Total - New Assets</b>	<b>2,310,708</b>	<b>2,518,158</b>	<b>1,974,866</b>	<b>155,699</b>	<b>390,000</b>	<b>99,324,000</b>	
<b>Total Project Expenses:</b>	<b>\$4,296,374</b>	<b>\$11,934,647</b>	<b>\$5,877,193</b>	<b>\$3,483,811</b>	<b>\$3,680,732</b>	<b>\$8,723,374</b>	<b>\$144,682,836</b>
<b>Total FY 2018 Funding:</b>	<b>\$16,231,021</b>						

**PROJECT DETAIL: 2210-Transportation Construction** **Category: Transportation**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2210-Transportation Construction**      **Category: Transportation**

**Project:** 65005 - ITS Upgrades (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** These funds provide local match for three approved federally funded Intelligent Transportation Systems (ITS) projects. Overall, a smart traffic signal system will be implemented that includes communications infrastructure, traffic cameras, message signs, and networking equipment to make the traffic signal system more responsive.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$295,695	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$528,318	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$141,119	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$436,814</b>	<b>\$0</b>	<b>\$528,318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M costs associated with electricity for new signal heads, cameras and communication equipment as well as maintenance of fiber optic connections. O and M for this project will be identified once federal funds have been secured and the scope of the project is available.

**Project:** 65006 - Bus Pullouts (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Bus pullouts to relieve congestion, improve air quality, and provide traffic and pedestrian safety. Bus pullouts will be constructed at major intersections where there are new bus routes and extensions of existing bus routes.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$49,076	\$50,283	\$51,505	\$52,742	\$282,004
Construction	\$0	\$0	\$278,099	\$284,940	\$291,864	\$298,869	\$1,598,020
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$327,175</b>	<b>\$335,223</b>	<b>\$343,369</b>	<b>\$351,611</b>	<b>\$1,880,024</b>

**Operating Description:** No additional O and M is needed.

**Project:** 65016 - Northern Parkway (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Northern Parkway is envisioned to be a 12.5-mile partial access controlled roadway between Sarival and Grand Avenues. The current funded phase of the project is between Sarival and 91st Avenues and is targeted for completion in FY 2026. This \$320 million project generally includes construction of four through lanes as well as grade separations on the western portion of the project and intersection improvements on the eastern portion. Costs for the project are shared between the region at 70% (\$237 million) and local agencies at 30%. Local partners include Maricopa County, Peoria, and El Mirage. Per intergovernmental agreement, Glendale's portion of local funding is \$37.9 million. To date Glendale has expended approximately \$31.8 million towards this project. Remaining funds will cover design and construction match as well as right-of-way acquisition opportunities during the private development process for adjacent parcels.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$666,247	\$666,247	\$666,247	\$666,247	\$0	\$5,557,465
Miscellaneous/Other	\$644,476	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$644,476</b>	<b>\$666,247</b>	<b>\$666,247</b>	<b>\$666,247</b>	<b>\$666,247</b>	<b>\$0</b>	<b>\$5,557,465</b>

**Operating Description:** O and M costs are for landscape, water, electrical and other maintenance based on current design. Supplemental budget requests will be made when each project phase is close to completion.

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Utilities	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0



**PROJECT DETAIL: 2210-Transportation Construction      Category: Transportation**

**Project:** 65022 - Transp. Prog. Engr. Consultant (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Professional engineering for preparation of design concepts and administration of right-of-way purchase for roadway, bicycle, pedestrian and transit projects. Providing professional engineering recommendations on capital projects and operations and maintenance of completed projects.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$287,863	\$1,540,969
Miscellaneous/Other	\$0	\$261,350	\$270,687	\$276,642	\$281,116	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$261,350</b>	<b>\$270,687</b>	<b>\$276,642</b>	<b>\$281,116</b>	<b>\$287,863</b>	<b>\$1,540,969</b>

**Operating Description:** No additional O and M is needed.

**Project:** 65023\* - 59th Avenue Improvements (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Eight segments from Glendale Avenue to Loop 101 along 59th Avenue to improve traffic conditions. Improvements include elimination of lanes drops, addition of turn lanes, selected widening, installation of medians, landscaping, and addition of bus bays.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$3,641,210
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$18,648,769
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,289,979</b>

**Operating Description:** O & M impact will be identified during the design phase of the project in FY 2025 CIP. Supplemental budget requests, if any, will be made during the FY 2027 budget process.

**Project:** 65042\* - 51st Ave & Bell Rd (I)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Intersection improvements including landscaping and a eastbound right turn lane on Bell Road.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$36,153
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,440,153</b>

**Operating Description:** Minimal amount of O & M impact is anticipated due to this project. O & M cost estimates developed during the design of the project will be used to identify supplemental budget needs.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2210-Transportation Construction** **Category: Transportation**

**Project:** 65069 - Glendale Transportation Plan (I) **Funding Source:** Half Cent Sales Tax

**Project Description:** This project will update the 2009 City of Glendale Transportation Plan. This Plan will include elements that address roadways, transit, bicycle, pedestrian, Transportation System Management, and include public involvement.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$337,966	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$13,364
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$877,572
<b>TOTAL</b>	<b>\$337,966</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$890,936</b>

**Operating Description:** This Plan update does not require O and M funding.

**Project:** 65078 - Airport Matching Funds (I) **Funding Source:** Half Cent Sales Tax

**Project Description:** This project provides matching funds for Glendale Airport projects as identified in the Airport Capital Improvement Program. Funding covers local match for all airport capital costs. Refer to the Airport Capital Fund 2120 for detailed information related to the airport projects.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$13,221	\$40,000	\$25,000	\$0	\$0	\$24,000
Design	\$7,239	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$74,921	\$60,000	\$25,000	\$0	\$0	\$136,000
Construction	\$153,732	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$2,269	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$163,240</b>	<b>\$88,142</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>

**Operating Description:** This project provides local match funds for airport capital projects. Refer to the Airport Capital Fund 2120 projects for O and M impact.

**Project:** 65088 - Downtown Alley Improvements (I) **Funding Source:** Half Cent Sales Tax

**Project Description:** Design and construct transformation of existing service alley into a safe environment for pedestrian circulation and limited vehicular traffic. This area has been evaluated and determined that there is a need to address pavement, drainage conditions and alley improvements.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$23,479	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$23,479</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M includes \$2,438 for the maintenance of 10 pedestrian lights, \$1,200 for water, \$300 for landscape maintenance by an outside company, \$2,200 for contracting maintenance and \$300 for electricity. A supplemental budget request will be submitted once the project is near completion.

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Supplies/Contr	\$26,520	\$27,320	\$28,140	\$28,980	\$0	\$158,470
Utilities	\$3,180	\$3,280	\$3,380	\$3,480	\$0	\$19,030
Equip. Maint.	\$25,860	\$26,640	\$27,440	\$28,260	\$0	\$154,540
Water	\$12,730	\$13,510	\$13,920	\$0	\$0	\$76,120



**PROJECT DETAIL: 2210-Transportation Construction      Category: Transportation**

**Project: 65089 - Pavement Management (I)**      **Funding Source:** Half Cent Sales Tax

**Project Description:** Project provides for street pavement maintenance. Specific activities included in this project are: surface preparation, repairs and treatments, milling and asphalt overlays as needed.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$1,912,046	\$1,912,046	\$1,912,046	\$1,912,046	\$1,912,046	\$9,560,230
Construction	\$154,057	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$17,208	\$17,208	\$17,208	\$17,208	\$17,208	\$86,042
Arts	\$0	\$19,120	\$19,120	\$19,120	\$19,120	\$19,120	\$95,602
Arts	\$19,120	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$51,626	\$51,626	\$51,626	\$51,626	\$51,626	\$258,126
Contingency	\$51,626	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$224,803</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$10,000,000</b>

**Operating Description:** No additional O and M is needed for this project.

**Project: 65004 - Buses/Vans (R)**      **Funding Source:** Half Cent Sales Tax

**Project Description:** This project replaces buses and vans for local circulators and Dial-a-Ride service. The buses are replaced every four years or when mileage exceeds recommended limits. The funding identified is to match federal funds secured for replacement buses and vans.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$650,365
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$650,365</b>

**Operating Description:**

**Project: 65014 - Transit Support Capital (R)**      **Funding Source:** Half Cent Sales Tax

**Project Description:** To continue delivery of transit services, the replacement of capital items are needed, including computer equipment, support vehicles and radio systems.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$72,600	\$9,900	\$0	\$0	\$9,900	\$121,325
<b>TOTAL</b>	<b>\$0</b>	<b>\$72,600</b>	<b>\$9,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,900</b>	<b>\$121,325</b>

**Operating Description:** No additional O and M is required for this project. This is a replacement project and is not anticipated to generate new O and M costs.



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2210-Transportation Construction** **Category: Transportation**

**Project:** 65083 - Speed Cushions (R) **Funding Source:** Half Cent Sales Tax

**Project Description:** This project will remove and replace existing modified speed humps with speed cushions and add mitigation devices where warranted. Replacing modified speed humps and constructing new mitigation devices will help address the current backlog of neighborhoods qualifying for traffic mitigation.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$154,888	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$154,888</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed.

**Project:** 65102 - Arterial Roadway Improvements (R) **Funding Source:** Half Cent Sales Tax

**Project Description:** Design fees, ROW acquisition and construction costs for various arterial streets within the City of Glendale.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$112,650	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$92,500	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$73,000	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$6,188,150</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** T1803 - 91st Avenue Improv. Turn Lane (R) **Funding Source:** Half Cent Sales Tax

**Project Description:** Project will construct a right turn lane into a Parking Lot at 91st Ave. and Maryland Ave.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$12,870
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$32,250
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$827,620</b>

**Operating Description:**



**PROJECT DETAIL: 2210-Transportation Construction Category: Transportation**

**Project:** 65017 - Light Rail Design/Construction (N) **Funding Source:** Half Cent Sales Tax

**Project Description:** Project development, design, right-of-way acquisition, utility relocation, construction, and acquisition of light rail vehicles for a light rail facility to be located on an alignment to be determined. Federal and regional funds will fund 71% of the project. Current cost estimates are based on regional plans prepared by Valley Metro.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$390,000	\$6,074,000	\$99,324,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$390,000</b>	<b>\$6,074,000</b>	<b>\$99,324,000</b>

**Operating Description:** A supplemental budget request will be submitted once the project is near completion in FY 2026.

**Project:** 65062 - Glendale Sports Facilities Sgn (N) **Funding Source:** Half Cent Sales Tax

**Project Description:** This provides local funds for design and construction of one potential federally funded and one locally funded Intelligent Transportation Systems projects. These projects includes design, purchase and installation of Dynamic Message Signs on arterial streets and lane control signs around the Glendale Sports Facilities in addition to the communications connections of the signs to the central traffic control system. Once these projects are complete, the message boards will be used for traffic information dissemination as well as parking management.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$183,379	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$183,379</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M for this project is for electrical costs of the message signs. Annual equipment maintenance costs throughout the 10-year expected life of the equipment with an additional \$5,000 per year after five years. A supplemental budget request will be made when project is close to completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$11,940	\$12,300	\$12,670	\$13,050	\$0	\$71,360
Utilities	\$11,940	\$12,300	\$12,670	\$13,050	\$0	\$71,360
Equip. Maint.	\$53,040	\$54,630	\$56,270	\$57,960	\$0	\$316,950

**Project:** 65063 - New River - Multi-use Pathway (N) **Funding Source:** Half Cent Sales Tax

**Project Description:** This project is to construct a multiuse path from the Bethany Home Road alignment to Northern Avenue. The project will provide a safe and convenient off-street facility for bicyclists and pedestrians that is part of the regional West Valley Rivers Multimodal Corridor Master Plan. This project has \$2,946,039 in federal funds towards construction costs.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$723,834	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$723,834</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M associated with 8 foot wide landscaped area along a 12,200 foot long multiuse pathway. A supplemental budget request will be made when the project is close to completion.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Utilities	\$100,530	\$103,540	\$106,650	\$109,850	\$0	\$600,700
Landscape	\$120,630	\$124,250	\$127,980	\$131,820	\$0	\$720,840

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2210-Transportation Construction**      **Category: Transportation**

**Project:** 65091 - Airport RPZ Acquisition (N)      **Funding Source:** Half Cent Sales Tax

**Project Description:** Acquire land north of Runway 19 and provide perimeter fencing around new Airport property. ADOT will fund a portion of this land acquisition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$0	\$1,850,000	\$1,850,000	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,850,000</b>	<b>\$1,850,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is anticipated due to this project.

**Project:** 65097 - New River North Shareduse Path (N)      **Funding Source:** Half Cent Sales Tax

**Project Description:** This project is to design and provide local match funds towards construction of a federally funded shared use pathway. This project is for a bicycle and pedestrian friendly pathway along the east bank of New River from Hillcrest Boulevard to approximately 1/4-mile north. Federal Congestion Mitigation and Air Quality (CMAQ) funding in the amount of \$330,850 has been secured towards construction of this project.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$247,431	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$247,431</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M associated with 20,000 sq ft of landscape identified currently, which could change depending on design options.

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Utilities	\$0	\$20,000	\$20,600	\$21,220	\$0	\$116,030
Landscape	\$0	\$24,000	\$24,720	\$25,460	\$0	\$139,230

**Project:** 65098 - Widen 55th Ave for bike lanes (N)      **Funding Source:** Half Cent Sales Tax

**Project Description:** This project is to design and provide local match funds towards construction of a federally funded widening of 55th Avenue to accommodate curb, gutter, sidewalk and bike lanes. This project is to widen 55th Avenue on the west side south of Cactus Road for about 622 ft. Federal Congestion Mitigation and Air Quality (CMAQ) funding in the amount of \$159,266 has been secured towards construction of this project.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Land	\$104,837	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$3,710	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$157,542	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$286,089</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** There is no additional O and M anticipated due to this project.



**PROJECT DETAIL: 2210-Transportation Construction      Category: Transportation**

**Project:** 65099 - Neighborhood Pathways Connect (N)      **Funding Source:** Half Cent Sales Tax

**Project Description:** This pathway project provides for design and local match towards construction of connections from Thunderbird Paseo pathway and Skunk Creek pathway to neighborhoods. The project is to provide connections from the Thunderbird Paseo Pathway to neighborhoods at Sweetwater Avenue, Hearn Road, and 71st Avenue. In addition, this project also provides connection from Skunk Creek pathway to the neighborhood at 64th Drive. Federal Congestion Mitigation and Air Quality (CMAQ) funding in the amount of \$107,832 has been secured towards construction of this project.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$234,456	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$234,456</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M associated with approximately 1,000 sq ft of additional landscape maintenance and irrigation.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Utilities	\$0	\$1,000	\$1,030	\$1,060	\$0	\$5,800
Landscape	\$0	\$1,200	\$1,240	\$1,270	\$0	\$6,960

**Project:** 65100\* - Transit Study - Light Rail (N)      **Funding Source:** Half Cent Sales Tax

**Project Description:** This is a light rail or other high capacity transit feasibility study. The study will look into the potential and identify alternatives on providing a high capacity transit connection between Downtown Glendale and the Loop 101 area of west Glendale. The connection would be between potential light rail in Downtown and high activity centers in west Glendale.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This is a study project, which will not create O & M costs.

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2210-Transportation Construction** **Category: Transportation**

**Project:** 65101\* - Sidewalk and Curb Improvements (N) **Funding Source:** Half Cent Sales Tax

**Project Description:** Installation of new sidewalk and ADA ramps along the north side of Camelback Road to fill in pedestrian facility gaps between 79th Avenue and 83rd Avenue. Installation of new sidewalk and ADA ramps along the north side of Paradise Lane to fill in pedestrian facility gaps between 55th Avenue and 59th Avenue. Installation of curb, gutter, and sidewalks, along east and west side of 67th Avenue between Glendale and Orangewood avenues. Installation of curb, gutter, and sidewalks, along north and south side of Orangewood Avenue between 67th and Grand avenues.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Land	\$0	\$0	\$6,000	\$0	\$0	\$0	\$0
Design	\$0	\$100,000	\$52,000	\$0	\$0	\$0	\$0
Design	\$80,506	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$42,844	\$30,990	\$147,025	\$0	\$0	\$0
Engineering Charges	\$4,900	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$6,999	\$4,066	\$7,204	\$0	\$0	\$0
Arts	\$0	\$428	\$310	\$1,470	\$0	\$0	\$0
Equipment	\$0	\$6,000	\$1,500	\$0	\$0	\$0	\$0
Equipment	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$30,000	\$30,000	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$117,406</b>	<b>\$186,271</b>	<b>\$124,866</b>	<b>\$155,699</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** Installation of missing curb, gutter, and sidewalk along existing roadways.



**FUND SUMMARY: 2000-HURF/Street Bonds** **Category: HURF**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b><u>Carrvoer</u> <u>New Funding</u></b>						
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
68917	Pavement Management-HURF	9,263,000	1,590,650	3,310,373	3,315,373	2,946,523	16,285,640
<i>Replacement of Existing Assets</i>							
68921	Citywide Concrete/Asphalt Imp.	193,782	0	0	0	0	0
68922	Rusted Street Pole Replacement	0	180,000	180,000	180,000	180,000	0
<b>Sub-Total - Existing Assets</b>		<b>9,456,782</b>	<b>1,770,650</b>	<b>3,490,373</b>	<b>3,495,373</b>	<b>3,126,523</b>	<b>16,285,640</b>
<b>New Assets</b>							
<i>0</i>							
68918	Infill Lighting Program	237,424	0	0	0	0	0
68919	*Street Lighting LED Conversion	0	5,740,150	0	0	0	0
68923	*Emergency Vehicle Preemption	0	329,789	0	0	0	0
<b>Sub-Total - New Assets</b>		<b>237,424</b>	<b>6,069,939</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>		<b>\$9,694,206</b>	<b>\$7,840,589</b>	<b>\$3,490,373</b>	<b>\$3,495,373</b>	<b>\$3,126,523</b>	<b>\$16,285,640</b>
<b>Total FY 2018 Funding:</b>		<b>\$17,534,795</b>					

**PROJECT DETAIL: 2000-HURF/Street Bonds** **Category: HURF**

**Project:** 68917 - Pavement Management-HURF (I) **Funding Source:** HURF Bonds

**Project Description:** Project provides for street pavement maintenance and reconstruction work as identified in the Annual Pavement Management Program. The annual program is funded by Highway User Revenue Fund (HURF) bonds through this project #2000-68917, and by Transportation Half Cent Sales Tax through project #2210-65089. Street maintenance and rehabilitation is necessary to maximize the life of the city's residential, collector, and arterial street network. Streets are selected and scheduled annually within the available funding. Specific activities included in this project are: surface preparation, repairs and treatments, and milling and asphalt overlays a needed throughout the city.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$0
Construction	\$9,127,627	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,590,650	\$3,150,000	\$3,150,000	\$2,800,000	\$2,800,000	\$15,498,775
Finance Charges	\$57,500	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$0	\$57,500	\$57,500	\$42,150	\$42,150	\$287,500
Engineering Charges	\$4,373	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$0	\$26,373	\$26,373	\$26,373	\$26,373	\$131,865
Arts	\$0	\$0	\$31,500	\$31,500	\$28,000	\$28,000	\$342,500
Arts	\$68,500	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$5,000	\$10,000	\$10,000	\$10,000	\$25,000
<b>TOTAL</b>	<b>\$9,263,000</b>	<b>\$1,590,650</b>	<b>\$3,310,373</b>	<b>\$3,315,373</b>	<b>\$2,946,523</b>	<b>\$2,946,523</b>	<b>\$16,285,640</b>

**Operating Description:** No additional O and M is needed at this time.



**PROJECT DETAIL: 2000-HURF/Street Bonds** **Category: HURF**

**Project:** 68922 - Rusted Street Pole Replacement (R) **Funding Source:** HURF Bonds

**Project Description:** The purpose of this project is to remove and replace existing streetlight poles that have been identified for replacement in the Rusted Pole Inspection Program due to excessive rust as the base of the streetlight pole.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$0</b>

**Operating Description:**

**Project:** 68918 - Infill Lighting Program (N) **Funding Source:** HURF Bonds

**Project Description:** This project installs additional street lighting in areas determined to be inadequate due to a spacing of 350 feet or greater. Infill street lighting requests are initiated by residents or staff and requires approval of affected residents.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$224,552	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$10,572	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$2,300	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$237,424</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M identified provides for up to 22 requested street light installations per year. Expenses cover electricity and maintenance for a light at \$125 per year, including monitoring.

**Project:** 68919\* - Street Lighting LED Conversion (N) **Funding Source:** HURF Bonds

**Project Description:** LED (Light Emitting Diode) streetlights are more energy efficient than the city's current HPS (High Pressure Sodium) lights and are shown to have a longer service life. There are 19,000 streetlights that require replacement. The benefit of replacing street lights with LED technology include the reduction of electricity and maintenance costs, projected to be approximately \$550,000 annually.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$5,500,000	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$0	\$82,650	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$92,500	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$55,000	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$5,740,150</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 2000-HURF/Street Bonds** **Category: HURF**

**Project:** 68923\* - Emergency Vehicle Preemption (N) **Funding Source:** HURF Bonds

**Project Description:** \*Previous Project # 70809\* The fifty-eight (58) high-priority Emergency Vehicle Preemption (EVP) installation intersections (located citywide). Forty-eight (48) will be located at arterial to arterial intersections, five (5) will be located at fire station access signals, and five (5) will be located along high priority corridors.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$311,416	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$15,259	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$3,114	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$329,789</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** Estimate confirmation lights will need bulb replaced once a year. (58 locations X 4 bulbs X \$5). Estimate 5% of EVP equipment will need to be replaced in first 5 years and then 10% after that. Estimate after 5 years, trouble calls will be 3 visits to each location annually with 75% being after hours. (3 X 58 locations X 2 hr callout X \$30 X 75%).





**FUND SUMMARY: 1650-Transportation Grants** **Category: Other**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b><u>Carrvoer</u></b>	<b><u>New Funding</u></b>				
<b>New Assets</b>						
0						
67505 CIP Transport. Grant Reserve	0	150,000	0	0	0	0
67556 FTA AZ 90-X124	68,055	0	0	0	0	0
<i>Sub-Total - New Assets</i>	<i>68,055</i>	<i>150,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$68,055</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>		<b>\$218,055</b>				

**PROJECT DETAIL: 1650-Transportation Grants** **Category: Other**

**Project:** 67505 - CIP Transport. Grant Reserve (N) **Funding Source:** Grants

**Project Description:** This represents reserve appropriation for unanticipated transportation related grant opportunities that may arise during the fiscal year.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Contingency	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed.

**Project:** 67556 - FTA AZ 90-X124 (N) **Funding Source:** Grants

**Project Description:** Federal Transit Administration (FTA) grant funding for acquisition of replacement transit buses. Savings generated after the acquisition of buses will be applied towards the north Glendale (to be located in the general vicinity of Loop 101/Union Hills Dr) park-and-ride project.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
	\$68,055	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$68,055</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O & M funds needed. The project replaces existing buses that are being maintained.



**FUND SUMMARY: 2480-Sanitation** **Category: Other**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u> <u>New Funding</u>						
<b>Existing Assets</b>							
<i>Replacement of Existing Assets</i>							
78001 Rolloff Trucks-Commercial	0	0	234,605	0	0	252,644	550,941
78002 Frontload Trucks-Commercial	0	306,911	629,167	322,448	330,509	338,771	2,199,383
78003 Sideload Trucks-Residential	0	282,670	1,158,946	1,187,920	1,217,618	1,248,058	5,902,359
78004 Loose Trash Equip.-Residential	0	0	635,566	651,454	385,408	684,435	3,383,509
78005 Repl Pickup Trucks-Solid Waste	0	0	25,375	25,375	25,375	25,375	76,125
78008 Street Sweeper Replacement	0	0	245,269	251,400	0	0	1,116,744
<b>Sub-Total - Existing Assets</b>	<b>0</b>	<b>589,581</b>	<b>2,928,928</b>	<b>2,438,597</b>	<b>1,958,910</b>	<b>2,549,283</b>	<b>13,229,061</b>
<b>New Assets</b>							
<b>0</b>							
78006 *Solid Waste Office Space Study	0	0	203,000	203,000	203,000	203,000	1,015,000
78007 *Solid Waste Information System	0	0	100,000	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>0</b>	<b>303,000</b>	<b>203,000</b>	<b>203,000</b>	<b>203,000</b>	<b>1,015,000</b>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$589,581</b>	<b>\$3,231,928</b>	<b>\$2,641,597</b>	<b>\$2,161,910</b>	<b>\$2,752,283</b>	<b>\$14,244,061</b>
<b>Total FY 2018 Funding:</b>		<b>\$589,581</b>					

**PROJECT DETAIL: 2480-Sanitation** **Category: Other**

**Project:** 78001 - Rolloff Trucks-Commercial (R) **Funding Source:** Sanitation Revenues

**Project Description:** Sanitation currently has three roll-off trucks in its equipment fleet for its commercial roll-off service. Three roll-off trucks will require replacement over the next ten years as their individual life is nine years. Sanitation vehicles are not included in the vehicle replacement fund. Instead the vehicles are purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$3,467	\$0	\$0	\$3,734	\$8,142
Equipment	\$0	\$0	\$231,138	\$0	\$0	\$248,910	\$542,799
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$234,605</b>	<b>\$0</b>	<b>\$0</b>	<b>\$252,644</b>	<b>\$550,941</b>

**Operating Description:** No additional O and M is needed since this is the replacement of existing equipment.

**Project:** 78002 - Frontload Trucks-Commercial (R) **Funding Source:** Sanitation Revenues

**Project Description:** Sanitation currently has 8 frontload trucks and a container delivery truck in its equipment fleet for its Commercial frontload service. At the current replacement schedule of six years for newly purchased equipment, 10 frontload trucks and the container truck will require replacement over the next ten years. Sanitation vehicles are not included in the vehicle replacement fund. Instead the vehicles are purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$9,298	\$4,765	\$4,884	\$5,006	\$32,503
Equipment	\$0	\$306,911	\$619,869	\$317,683	\$325,625	\$333,765	\$2,166,880
<b>TOTAL</b>	<b>\$0</b>	<b>\$306,911</b>	<b>\$629,167</b>	<b>\$322,448</b>	<b>\$330,509</b>	<b>\$338,771</b>	<b>\$2,199,383</b>

**Operating Description:** No additional O and M is needed since this is the replacement of existing equipment.

**PROJECT DETAIL: 2480-Sanitation**

**Category: Other**

**Project: 78003 - Sideload Trucks-Residential (R)**

**Funding Source:**

Sanitation Revenues

**Project Description:**

Sanitation currently has 26 side load trucks in its equipment fleet for its residential Solid Waste and recycling collection routes. A total of 37 side load trucks will be purchased over the next ten years as each truck has a six year replacement schedule. Sanitation vehicles are not included in the vehicle replacement fund. Instead the vehicles are purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$17,127	\$17,555	\$17,994	\$18,444	\$79,247
Equipment	\$0	\$282,670	\$1,141,819	\$1,170,365	\$1,199,624	\$1,229,614	\$5,823,112
<b>TOTAL</b>	<b>\$0</b>	<b>\$282,670</b>	<b>\$1,158,946</b>	<b>\$1,187,920</b>	<b>\$1,217,618</b>	<b>\$1,248,058</b>	<b>\$5,902,359</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.

**Project: 78004 - Loose Trash Equip.-Residential (R)**

**Funding Source:**

Sanitation Revenues

**Project Description:**

Sanitation currently has 12 rearload trucks and 6 tractors in its equipment fleet for its loose trash collection routes. At the current replacement schedule of eight years for newly purchased equipment, 15 rearload trucks and 8 tractors will require replacement over the next ten years. The number of trucks to be replaced each year are the following: one truck and one tractor in FY2017; two trucks and one tractor in FY2018; two trucks in FY2019; one truck and a one tractor in FY2020; one truck and one tractor FY2021; and a total of eight trucks and four tractors during the second five years (FY2022-2026). Sanitation vehicles are not included in the vehicle replacement fund, rather the vehicles are purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$9,393	\$9,627	\$5,696	\$10,115	\$50,003
Equipment	\$0	\$0	\$626,173	\$641,827	\$379,712	\$674,320	\$3,333,506
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$635,566</b>	<b>\$651,454</b>	<b>\$385,408</b>	<b>\$684,435</b>	<b>\$3,383,509</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.

**Project: 78005 - Repl Pickup Trucks-Solid Waste (R)**

**Funding Source:**

Sanitation Revenues

**Project Description:**

Sanitation currently has six pickup trucks and two mechanic service trucks in its equipment fleet, which will require replacement over the next ten years. FY2018 - replace two pickup trucks at a cost of \$34,363 and one mechanic truck at a cost \$ 62,000. Sanitation vehicles are not included in the vehicle replacement fund. Instead the vehicles are purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$375	\$375	\$375	\$375	\$1,125
Equipment	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$75,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,375</b>	<b>\$25,375</b>	<b>\$25,375</b>	<b>\$25,375</b>	<b>\$76,125</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.



**PROJECT DETAIL: 2480-Sanitation**

**Category: Other**

**Project:** 78008 - Street Sweeper Replacement (R) **Funding Source:** Sanitation Revenues

**Project Description:** Replace street sweeper trucks assigned to Solid Waste

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$3,625	\$3,715	\$0	\$0	\$16,152
Equipment	\$0	\$0	\$241,644	\$247,685	\$0	\$0	\$1,100,592
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$245,269</b>	<b>\$251,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,116,744</b>

**Operating Description:**

**Project:** 78006\* - Solid Waste Office Space Study (N) **Funding Source:** Sanitation Revenues

**Project Description:** This project is for a new sanitation administration building. Staff are currently located in a trailer on the grounds of the field operations complex. The trailer was installed 13 years ago as a temporary solution.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Finance Charges	\$0	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$203,000</b>	<b>\$203,000</b>	<b>\$203,000</b>	<b>\$203,000</b>	<b>\$1,015,000</b>

**Operating Description:** New furniture and office technology.

**Project:** 78007\* - Solid Waste Information System (N) **Funding Source:** Sanitation Revenues

**Project Description:** This project is Solid Waste Information System (SWIS), either as an in-house City hosted or "Software as a Service" (SaaS) vendor hosted solution. It will be a comprehensive, integrated, enterprise-level Solution for solid waste operations which includes; system software, in-vehicle mobile devices, configuration/implementation/conversion services, and product training/support. It is believed that a new system Solution will bring more operational efficiencies, reduce costs and potentially increase revenues.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2440-Landfill** **Category: Other**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
78523 Scalehouse & Road Relocation	294,537	0	0	0	0	0	0
78526 LF Gas System Modifications	0	300,000	0	375,000	0	0	0
78527 MRF Process Line Improvements	1,219,257	0	0	0	0	0	0
78528 Northern Ave LF Improvements	247,725	0	0	0	235,000	0	0
<i>Replacement of Existing Assets</i>							
78506 Landfill Repl Pickup Trucks	0	62,400	75,000	0	0	0	274,723
78509 MRF Forklifts	0	0	0	0	43,399	90,272	99,743
78511 Landfill Compactor Replacement	0	100,000	0	500,000	1,310,242	0	2,091,750
78512 Fuel Tanker Replacement	0	0	0	0	0	0	244,017
78514 Sanitation Inspection Trucks	25,334	0	0	44,995	30,416	0	138,440
78520 Landfill Bulldozer Replacement	0	0	0	0	1,306,147	1,358,393	1,800,489
78521 MRF Loader Replacement	0	0	0	0	474,962	0	577,865
78522 LF Water Pull Tractor Replace	0	0	0	741,031	0	0	315,931
78524 Landfill Motor Grader Replace	0	0	0	0	0	0	807,350
78525 Landfill Scraper Equipment	0	0	0	837,375	0	0	1,926,449
78530 Manlift MRF	0	26,390	26,390	0	637,103	0	0
78531 Light Duty Vehicle Replacement	0	56,840	0	0	0	0	0
T1808 Auxilliary Equipment	0	0	54,891	0	29,685	0	64,215
<b>Sub-Total - Existing Assets</b>	<b>1,786,853</b>	<b>545,630</b>	<b>156,281</b>	<b>2,498,401</b>	<b>4,066,954</b>	<b>1,448,665</b>	<b>8,340,972</b>
<b>New Assets</b>							
<b>0</b>							
78503 Landfill Closure (South)	483,422	0	325,000	125,000	350,000	500,000	750,000
78505 LF Phase Construction (North)	3,210,924	500,000	500,000	250,000	100,000	250,000	7,546,235
78507 Landfill Soil Excavation	0	125,000	125,000	125,000	125,000	8,525,732	3,679,973
78529 *New Bulldozer Purchase	435,625	0	0	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>4,129,971</b>	<b>625,000</b>	<b>950,000</b>	<b>500,000</b>	<b>575,000</b>	<b>9,275,732</b>	<b>11,976,208</b>
<b>Total Project Expenses:</b>	<b>\$5,916,824</b>	<b>\$1,170,630</b>	<b>\$1,106,281</b>	<b>\$2,998,401</b>	<b>\$4,641,954</b>	<b>\$10,724,397</b>	<b>\$20,317,180</b>
<b>Total FY 2018 Funding:</b>		<b>\$7,087,454</b>					

**PROJECT DETAIL: 2440-Landfill** **Category: Other**



**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project: 78523 - Scalehouse & Road Relocation (I)**

**Funding Source:**

Landfill Revenues

**Project Description:**

This project provides funding in FY 2016 for Phase 2 of the project and includes the relocation of the equipment maintenance area as well as the fueling station. Construction of Phase 1 of the project, which included relocation of the scalehouse and administrative office trailer as well as realignment of the entrance road will have occurred by the end of FY 2015 at a project cost of \$3,906,631. Completion of both phases of this project is necessary to relocate the scale house and other landfill facilities outside of an area in which waste will be placed and prior to closing the south area of the landfill. According to the landfills waste capacity calculations, it will take approximately one year to fill the permitted air space in which the facilities are located currently. It will be necessary to relocate all existing structures occupying this space by 2016 based on our anticipated waste acceptance rate.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$294,537	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$294,537</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

No additional O and M is required for this project.

**Project: 78526 - LF Gas System Modifications (I)**

**Funding Source:**

Landfill Revenues

**Project Description:**

The City is required by federal and state environmental regulations to install and maintain an active gas collection system within the landfill. Project provides for improvements to the existing gas collection system including retrofits, extensions, additions, and modifications to the vertical and horizontal extraction wells and lateral collection pipes. Because the gas wells and collection pipes presently are located above-ground level within the active landfill area, it is necessary to complete the gas well modifications and improvements ahead of filling the landfill sections with additional waste. Project includes burying of the above-ground lateral collection pipes to allow for simpler waste filling operations. Project scope also includes expansion of the horizontal and/or vertical gas collection wells in the final filling area (i.e. scale area). Project is required to maintain sequencing plan developed for waste filling in the landfill through the end of FY2017.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$300,000	\$0	\$375,000	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$375,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

No additional O and M is needed at this time.

**Project: 78527 - MRF Process Line Improvements (I)**

**Funding Source:**

Landfill Revenues

**Project Description:**

The Materials Recovery Facility first opened its doors in July of 2000. Since then the MRF has processed over 350,000 tons of recyclable material and recouped over \$29,750,000 dollars in revenue. The facility has many moving components and those components have worn over the years. The system is now in need of major renovations and upgrades in order to meet current industry standards with regards to the technology found in today's recycling processing facilities. The projects to be completed in fiscal years 2016 and 2017 will allow the MRF to install state of the art technology to help capture more recyclables and decrease labor hours in some areas of the facility thus increasing city revenue.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$19,305	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$1,199,952	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$1,219,257</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project:** 78528 - Northern Ave LF Improvements (I) **Funding Source:** Landfill Revenues

**Project Description:** This project provides funding for a block wall that will extend to the west along the landfill property at approximately 115th Ave and Northern. It will also allow for the relocation of approximately twenty existing cacti that are to be removed due to the Northern Avenue Parkway construction project. There are currently forty cacti along the right of way that was recently sold to the Maricopa County Department of Transportation (MCDOT). Twenty of the cacti will be donated to the Northern Avenue Parkway Project and will be relocated within Glendale in conjunction with the project and the remaining twenty will be relocated within the Landfill property at Glendale's expense.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$235,000	\$0	\$0
Construction	\$167,493	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$12,012	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$1,820	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$41,400	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$247,725</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235,000</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project:** 78506 - Landfill Repl Pickup Trucks (R) **Funding Source:** Landfill Revenues

**Project Description:** Landfill currently has six pickup trucks in its equipment fleet that will require replacement over the next ten years. Pickup trucks are used by the landfill inspector, mechanic, crew leader, supervisor, and field employees. This project includes the replacement of four trucks reaching the end of their service life during FY 2019 and 2020. Trucks purchased in 2015 will be replaced in 2025. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund. Instead the vehicles are purchased with cash or financed at the time of purchase.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$62,400	\$75,000	\$0	\$0	\$0	\$274,723
<b>TOTAL</b>	<b>\$0</b>	<b>\$62,400</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$274,723</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of

**Project:** 78509 - MRF Forklifts (R) **Funding Source:** Landfill Revenues

**Project Description:** The Materials Recovery Facility (MRF) currently has a total of four forklifts in its fleet used for a variety of heavy lifting purposes including loading, unloading, and transporting recyclable bales. The MRF forklifts have an estimated service life of approximately five years, although replacement schedules may be adjusted depending on hours of use and equipment condition. This project includes the replacement of two forklifts that are expected to reach the end of their serviceable lives in FY17 and FY18 as well as replacement of two forklifts that will be due for replacement in FY 2021. At this current replacement schedule, two of the four forklifts also will require replacement during the second five years (FY 2022-2026). MRF vehicles and equipment are not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Finance Charges	\$0	\$0	\$0	\$0	\$641	\$1,334	\$1,474
Equipment	\$0	\$0	\$0	\$0	\$42,758	\$88,938	\$98,269
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,399</b>	<b>\$90,272</b>	<b>\$99,743</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of





**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project: 78511 - Landfill Compactor Replacement (R)**

**Funding Source:**

Landfill Revenues

**Project Description:**

This project provides for the rebuild and or replacement of the landfill compactors, one 836H and one 836K, at the end of their serviceable life or on an appropriate schedule based on current usage hours and equipment condition. The compactors are now being equipped with GPS systems, which will increase landfill compaction and decrease the use of soil for covering waste. The compactors are essential pieces of equipment used on a daily basis for proper placement and compaction of solid waste within the landfill. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund; instead the equipment is purchased with cash or financed at time of acquisition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$100,000	\$0	\$500,000	\$1,310,242	\$0	\$2,091,750
<b>TOTAL</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$1,310,242</b>	<b>\$0</b>	<b>\$2,091,750</b>

**Operating Description:**

No additional O and M is needed since new equipment will replace existing equipment this is expected to reach the end of its serviceable life.

**Project: 78512 - Fuel Tanker Replacement (R)**

**Funding Source:**

Landfill Revenues

**Project Description:**

Replacement of the fuel tanker, which was purchased in 2008, and is expected to reach the end of its serviceable life in FY 2018. The fuel tanker truck transports diesel fuel from the onsite storage tank to the landfill heavy equipment located on the active waste disposal area. It is an essential piece of support equipment at the landfill for maximizing operational efficiencies and minimizing equipment downtime. Landfill equipment is not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$3,606
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$240,411
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$244,017</b>

**Operating Description:**

No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of its serviceable life.

**Project: 78514 - Sanitation Inspection Trucks (R)**

**Funding Source:**

Landfill Revenues

**Project Description:**

This project includes the purchase of seven replacement pickups over a 10-year period. Service life is projected to be approximately seven years and each truck will be replaced based on year of purchase, mileage and condition of the vehicle. Sanitation Inspectors utilize their assigned vehicles daily to educate residents on proper procedures for services and enforce regulations related to refuse collection, recycling collection and bulk trash services. The Sanitation Inspection vehicles are not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$25,334	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$44,995	\$30,416	\$0	\$138,440
<b>TOTAL</b>	<b>\$25,334</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,995</b>	<b>\$30,416</b>	<b>\$0</b>	<b>\$138,440</b>

**Operating Description:**

No additional O and M is needed for this project.



**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project:** 78520 - Landfill Bulldozer Replacement (R) **Funding Source:** Landfill Revenues

**Project Description:** Project provides for the rebuild and/or replacement of the landfill bulldozers at the end of their serviceable life or on an appropriate schedule based on current usage hours and equipment condition. A certified powertrain rebuild and undercarriage track replacement was performed on the D8 in FY16. The D9 will undergo a similar repair in FY17. During these rebuilds the landfill will be adding GPS systems to reduce soil usage, improve road building capabilities and waste compaction. This project also includes funds for replacement of the Model D8 bulldozer in FY 2021 and the Model D9 bulldozer in FY 2022. Bulldozers are used at the landfill primarily to push garbage into position for the compactors. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund, Instead the equipment is purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$19,303	\$20,075	\$234,846
Equipment	\$0	\$0	\$0	\$0	\$1,286,844	\$1,338,318	\$1,565,643
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,306,147</b>	<b>\$1,358,393</b>	<b>\$1,800,489</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of

**Project:** 78521 - MRF Loader Replacement (R) **Funding Source:** Landfill Revenues

**Project Description:** This project is for the replacement of a loader used to move recyclables from the Materials Recovery Facility (MRF) tipping floor to the processing line. A CAT950K loader was purchased in FY16 and will require a replacement and/or rebuild in approximately 10 years. MRF vehicles and equipment are not included in the Vehicle Replacement Fund; instead the equipment is purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$7,019	\$0	\$8,540
Equipment	\$0	\$0	\$0	\$0	\$467,943	\$0	\$569,325
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$474,962</b>	<b>\$0</b>	<b>\$577,865</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of

**Project:** 78522 - LF Water Pull Tractor Replace (R) **Funding Source:** Landfill Revenues

**Project Description:** Replacement of the water pull truck, which was purchased in 2012 and is expected to reach the end of its serviceable life in FY 2020. The water pull truck is a critical piece of support equipment for reducing dust and maintaining compliance with the existing air quality permit. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition. \$150K in FY17 Power train Rebuild for the 730 Caterpillar Water Pull.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$10,951	\$0	\$0	\$41,208
Equipment	\$0	\$0	\$0	\$730,080	\$0	\$0	\$274,723
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$741,031</b>	<b>\$0</b>	<b>\$0</b>	<b>\$315,931</b>

**Operating Description:** No additional O and M is needed since new equipment will replace aging existing equipment.



**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project:** 78524 - Landfill Motor Grader Replace (R) **Funding Source:** Landfill Revenues

**Project Description:** The project includes the replacement of the motor grader that is expected to reach the end of its serviceable life in FY 2024. The motor grader is an essential piece of support equipment used to establish and maintain the temporary roads on the active portion of the landfill. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$6,159
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$410,571
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$390,620
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$807,350</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of its serviceable life.

**Project:** 78525 - Landfill Scraper Equipment (R) **Funding Source:** Landfill Revenues

**Project Description:** The scraper is an essential piece of support equipment that excavates, transports, and stockpiles soil used for covering waste disposed at the landfill. This project provides for either a certified rebuild or a new replacement of the scraper, which is anticipated to occur in FY 2018 based on hours of use and equipment condition. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund. Instead the equipment is purchased with cash or financed at the time of acquisition.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$12,375	\$0	\$0	\$28,470
Equipment	\$0	\$0	\$0	\$825,000	\$0	\$0	\$1,897,979
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$837,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,926,449</b>

**Operating Description:** No additional O and M is needed since new equipment will replace existing equipment that is expected to reach the end of its serviceable life.

**Project:** 78530 - Manlift MRF (R) **Funding Source:** Landfill Revenues

**Project Description:** Replace Manlift assigned to MRF

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$390	\$390	\$0	\$9,415	\$0	\$0
Equipment	\$0	\$26,000	\$26,000	\$0	\$627,688	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$26,390</b>	<b>\$26,390</b>	<b>\$0</b>	<b>\$637,103</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project: 78531 - Light Duty Vehicle Replacement (R)**

**Funding Source:**

Landfill Revenues

**Project Description:** Replace light duty vehicles assigned to Landfill and MRF

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$840	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$56,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: T1808 - Auxilliary Equipment (R)**

**Funding Source:**

Landfill Revenues

**Project Description:** Replace auxilliary equipment assigned to the Landfill and MRF, which may include skid steers, kubotas, lube trailer, etc.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$811	\$0	\$439	\$0	\$949
Equipment	\$0	\$0	\$54,080	\$0	\$29,246	\$0	\$63,266
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$54,891</b>	<b>\$0</b>	<b>\$29,685</b>	<b>\$0</b>	<b>\$64,215</b>

**Operating Description:**

**Project: 78503 - Landfill Closure (South) (N)**

**Funding Source:**

Landfill Revenues

**Project Description:** Project provides for closure of the south area of the landfill after the permitted air space is completely filled with waste. A landfill reaching its permitted capacity is required by federal and state law to be closed with a final cover system, which includes a vegetative layer, a compacted soil layer, additional gas system wells, erosion control, and storm water control measures. Related projects are 78505 and 78507.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$325,000	\$125,000	\$350,000	\$500,000	\$750,000
Design	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$376,320	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$10,859	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$7,216	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$3,763	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$75,264	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$483,422</b>	<b>\$0</b>	<b>\$325,000</b>	<b>\$125,000</b>	<b>\$350,000</b>	<b>\$500,000</b>	<b>\$750,000</b>

**Operating Description:** Funds provided in supplies/contracts are annual costs for post-closure (\$220,554) at the landfill. Post-closure costs include monitoring, maintenance, and repair of the following items: landfill gas control system, groundwater monitoring system, storm water monitoring, final cover/vegetative cover inspection, landfill settlement monitoring, access roads, drainage control system, site security inspection, and administrative reporting. Annual post-closure maintenance, monitoring, and repair activities will begin once closure of the south area is completed.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$2,205,540	\$2,205,540	\$2,205,540	\$2,205,540	\$0	\$11,027,700



**PROJECT DETAIL: 2440-Landfill**

**Category: Other**

**Project: 78505 - LF Phase Construction (North) (N)**

**Funding Source:**

Landfill Revenues

**Project Description:**

This project is required for the development of the northern portion of the landfill and includes phased installation of a liner, a gas collection system and a leachate collection system. Funds identified as "carryover" (\$102,780) and in FY 2016 (\$4,614,000) will pay for construction of North Phase 1a, which is anticipated to begin accepting waste in 2017. Funds identified in FY 2017 (\$102,780) will be used for engineering design of North Phase 1b. Funds identified in FY 2018 (\$4,361,873) will pay for construction of North Phase 1b, which is anticipated to begin accepting waste in 2018.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$500,000	\$500,000	\$250,000	\$100,000	\$250,000	\$7,546,235
Construction	\$3,208,144	\$0	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$1,542	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$1,238	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$3,210,924</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$250,000</b>	<b>\$100,000</b>	<b>\$250,000</b>	<b>\$7,546,235</b>

**Operating Description:**

No additional O and M is needed for this project.

**Project: 78507 - Landfill Soil Excavation (N)**

**Funding Source:**

Landfill Revenues

**Project Description:**

This project provides for excavation of Phase 1 in the north expansion area to prepare for future landfill cell development. It includes excavation of approximately one-third of the north expansion area, access road improvements in areas located between the north area, the Materials Recovery Facility (MRF), the new administration and maintenance area, as well as utility relocations. Excavated soil will be stockpiled in various storage locations on the landfill property. Excavation of the remaining two-thirds will occur as part of future landfill phase construction.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$125,000	\$125,000	\$125,000	\$125,000	\$8,525,732	\$3,679,973
<b>TOTAL</b>	<b>\$0</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$8,525,732</b>	<b>\$3,679,973</b>

**Operating Description:**

No additional O and M is needed at this time.

**Project: 78529\* - New Bulldozer Purchase (N)**

**Funding Source:**

Landfill Revenues

**Project Description:**

Purchase of a new D-6 Caterpillar (CAT) Bulldozer which has proven to be a more cost effective unit to perform erosion control and soil utilization at the city Landfill and Materials Recovery Facility (MRF). This unit is a lighter, more agile unit than the existing bulldozers (Caterpillar D-8 & D-9) which in turn will reduce maintenance and fuel costs, while increasing efficiency.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$6,375	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$4,250	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$425,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$435,625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**FUND SUMMARY: 2120-Airport Capital Grants** **Category: Other**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<b>Carrvoer</b>	<b>New Funding</b>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
T1472 Airport EA for Channelization	0	0	0	0	0	0	286,590
<i>Replacement of Existing Assets</i>							
79521 Rehabilitate Apron	96,219	0	0	0	0	0	0
79524 North Apron R&R	4,500,000	1,525,662	1,000,000	1,000,000	0	0	0
79526 South Apron R&R	0	0	0	0	0	0	4,718,466
79527 *AWOS Weather Reporting Equip.	0	315,000	0	0	0	0	0
79532 FAR Part 150 Update	0	334,355	0	0	0	0	0
<b>Sub-Total - Existing Assets</b>	<b>4,596,219</b>	<b>2,175,017</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>5,005,056</b>
<b>New Assets</b>							
<b>0</b>							
79519 Airport-Capacity Study	50,000	0	0	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$4,646,219</b>	<b>\$2,175,017</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,005,056</b>
<b>Total FY 2018 Funding:</b>	<b>\$6,821,236</b>						

**PROJECT DETAIL: 2120-Airport Capital Grants** **Category: Other**

**Project:** T1472 - Airport EA for Channelization (I) **Funding Source:** Grants/City Match

**Project Description:** Conduct an Environmental Assessment for channelization of the New River to protect the runway safety area from erosion. Channelization includes the physical change to the inner bank boundary of the River. The project is to be funded with \$286,590 FAA (91.06%) and ADOT (4.47%) funds in FY 2021.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$286,590
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286,590</b>

**Operating Description:** No additional O and M is required for this project.

**Project:** 79524 - North Apron R&R (R) **Funding Source:** Grants/City Match

**Project Description:** The north apron project includes reconstruction (59,200 square yards) in FY 2017 and rehabilitation (54,000 square yards) in FY 2018. The portion of the north apron that is beyond rehabilitation is to be reconstructed in FY 2017. The rehabilitation project in FY 2018 would preserve and extend the life of the rest of north apron.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$225,000	\$150,000	\$150,000	\$0	\$0	\$0
Construction	\$0	\$1,300,662	\$850,000	\$850,000	\$0	\$0	\$0
Miscellaneous/Other	\$4,500,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$4,500,000</b>	<b>\$1,525,662</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This project rebuilds and rehabilitates existing pavement on the north apron.



**PROJECT DETAIL: 2120-Airport Capital Grants** **Category: Other**

**Project:** 79526 - South Apron R&R (R) **Funding Source:** Grants/City Match

**Project Description:** The south apron project includes reconstruction (38,000 square yards) in FY 2019 and rehabilitation (93,000 square yards) in FY 2020. The portion of the south apron that is beyond rehabilitation is to be reconstructed in FY 2019. The rehabilitation project in FY 2020 would preserve and extend the life of the rest of north apron.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$707,770
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$4,010,696
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,718,466</b>

**Operating Description:** This project rebuilds and rehabilitates existing pavement on the south apron.

**Project:** 79527\* - AWOS Weather Reporting Equip. (R) **Funding Source:** Grants/City Match

**Project Description:** Procure and install a replacement of Automated Weather Observation System (AWOS) equipment. Additional wind indicator and a new wind sock are a part of this project.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Construction	\$0	\$315,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$315,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** This project replaces existitng AWOS equipment.

**Project:** 79532 - FAR Part 150 Update (R) **Funding Source:** Grants/City Match

**Project Description:** Produce updated Noise Exposure Maps and Land Use Plan last updated in 1993. An update of the Part 150 Study is required every 20 years. Noise Exposure Maps and Land Use Planning elements help coordinate development near the Airport. This will be funded 91.06% by the FAA and 4.47% by ADOT.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$334,355	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$334,355</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No O and M is needed for this study project.

**Project:** 79519 - Airport-Capacity Study (N) **Funding Source:** Grants/City Match

**Project Description:** The capacity study is a joint study between the City of Glendale and John F. Long to determine if there is a need for a second runway.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** No additional O and M is needed for this project.



**FUND SUMMARY: 1840-Other Federal and State Grants** **Category: Other**

	<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Replacement of Existing Assets</i>						
80031 Saguaro Ranch Park Improvement	0	15,000	0	0	0	0
<i>Sub-Total - Existing Assets</i>	<i>0</i>	<i>15,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>	<b>\$15,000</b>					

**PROJECT DETAIL: 1840-Other Federal and State Grants** **Category: Other**

**Project:** 80031 - Saguaro Ranch Park Improvement (R) **Funding Source:** Grants

**Project Description:**

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$15,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**FUND SUMMARY: 2070-General Gov Capital Proje** **Category: Other**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>Existing Assets</b>							
<i>Improvement of Existing Assets</i>							
70800 Building Maint. Reserve	2,703,307	750,000	750,000	1,000,000	1,000,000	1,000,000	2,500,000
70801 Camelback Ranch Maint. Reserve	752,729	836,752	836,752	836,752	836,752	836,752	4,183,760
70802 Barrel District Imp	15,000	0	0	0	0	0	0
70803 Capital Repair-Arena	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
70804 *Tennis Courts at Paseo Park	89,565	0	0	0	0	0	0
70810 *TDMA Upgrade for RWC	0	1,183,422	0	0	0	0	0
84551 Civic Center Renovation	0	0	0	0	0	0	4,123,974
F0003 *Electrical Repairs/Replacement	0	0	0	0	0	0	1,500,000
F0004 *Exterior Repairs/Replacements	0	0	0	0	0	0	500,000
F0005 *City Hall - HVAC System	0	0	0	0	0	0	3,452,250
T1160 City Hall Parking Garage	0	0	0	0	0	0	1,675,193
<i>Replacement of Existing Assets</i>							
70805 Heart Monitors	1,000,000	0	0	0	0	0	0
70806 Replacement of Airpacs	0	836,000	813,850	0	0	0	0
70811 CBR Scoreboard	0	1,000,000	0	0	0	0	0
77503 *Exterior Closure (Roofing)	0	0	0	0	0	0	2,500,000
81067 Civic Ctr. Maintenance	0	0	0	0	0	0	175,000
F0001 *HVAC Repair/Replacements	0	0	0	0	0	0	2,500,000
F0002 *Interior Repairs/Replacements	0	0	0	0	0	0	1,500,000
T4620 Resurface Library Parking Lots	0	0	0	0	0	0	250,000
T4730 Fuel Sites Equipment Upgrade	0	0	0	0	0	0	582,474
T5320 EOC Equipment Replacement	0	0	0	0	0	0	610,122
T5380 Replace HazMat Vehicle	0	0	0	0	0	0	616,071
<b>Sub-Total - Existing Assets</b>	<b>5,060,601</b>	<b>5,106,174</b>	<b>2,900,602</b>	<b>2,336,752</b>	<b>2,336,752</b>	<b>2,336,752</b>	<b>29,168,844</b>
<b>New Assets</b>							
<b>0</b>							
70808 *CBR Land IGA	0	668,646	0	1,086,822	0	0	0
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>668,646</b>	<b>0</b>	<b>1,086,822</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$5,060,601</b>	<b>\$5,774,820</b>	<b>\$2,900,602</b>	<b>\$3,423,574</b>	<b>\$2,336,752</b>	<b>\$2,336,752</b>	<b>\$29,168,844</b>
<b>Total FY 2018 Funding:</b>	<b>\$10,835,421</b>						

**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**



**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**

**Project: 70800 - Building Maint. Reserve (I)** **Funding Source:** Other

**Project Description:** This project is intended to support carryover of the building maintenance reserve for emergency and unplanned repairs and replacement of building components for various city facilities

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$1,760	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$749,655	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$756,454	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$1,195,438	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$750,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$2,500,000
<b>TOTAL</b>	<b>\$2,703,307</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$2,500,000</b>

**Operating Description:**

**Project: 70801 - Camelback Ranch Maint. Reserve (I)** **Funding Source:** Other

**Project Description:** Camelback Ranch Maint. Reserve

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$40,577	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$176,832	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Construction	\$0	\$525,000	\$525,000	\$525,000	\$525,000	\$525,000	\$2,625,000
Construction	\$198,879	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$0	\$9,250	\$9,250	\$9,250	\$9,250	\$9,250	\$46,250
Engineering Charges	\$18,500	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$0	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$26,250
Miscellaneous/Other	\$0	\$197,252	\$197,252	\$197,252	\$197,252	\$197,252	\$986,260
Miscellaneous/Other	\$307,441	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$752,729</b>	<b>\$836,752</b>	<b>\$836,752</b>	<b>\$836,752</b>	<b>\$836,752</b>	<b>\$836,752</b>	<b>\$4,183,760</b>

**Operating Description:**

**Project: 70802 - Barrel District Imp (I)** **Funding Source:** Other

**Project Description:** Extend concrete pathway adjacent to fruit packing structure at Sahuaro Ranch Park

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**

**Project: 70803 - Capital Repair-Arena (I)** **Funding Source:** Other

**Project Description:** City's contractual obligation to annually fund the capital repair at the arena per the July 8, 2013 agreement.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Miscellaneous/Other	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**Operating Description:**

**Project: 70804\* - Tennis Courts at Paseo Park (I)** **Funding Source:** Other

**Project Description:** Tennis court resurfacing at Paseo Park

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$89,565	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$89,565</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 70810\* - TDMA Upgrade for RWC (I)** **Funding Source:** Other

**Project Description:** This project is a multi-year funded project for the TDMA upgrade of the Regional Wireless Cooperative (RWC) communications system. The TDMA technology will allow the RWC to almost double its capacity without the addition of more frequencies. Frequencies are limited in quantity and difficult to obtain. As the valley increases its hosting of major events, the radio system will be taxed. The TDMA technology will ease this burden. While not yet Federally mandated, TDMA is an inevitable technology upgrade. The scope of work includes 100% of the TDMA costs to the city. Departments using the RWC include Police, Fire, Field Ops, and Water Services.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
IT/Phone/Security	\$0	\$1,183,422	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,183,422</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**FY 2018-2027 CAPITAL IMPROVEMENT PLAN**  
**Fund Summary and Project Detail**



**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**

**Project:** 84551 - Civic Center Renovation (I) **Funding Source:** Other

**Project Description:** This enhancement would create another signature feature at the Glendale Civic Center. The east courtyard would be converted into more meeting room space with sky lighting. This project also involves renovating and developing the grass (open space), south of the Civic Center into functional use space that can be booked for private events.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$756,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,633,126
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$50,850
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$62,699
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$26,331
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$394,968
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,123,974</b>

**Operating Description:**

Operating Costs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Staffing	\$0	\$0	\$0	\$0	\$0	\$5,312,960
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$337,190
Utilities	\$0	\$0	\$0	\$0	\$0	\$700,000
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$499,550
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$99,910
Insurance	\$0	\$0	\$0	\$0	\$0	\$60,690
Electrical	\$0	\$0	\$0	\$0	\$0	\$89,920
Water	\$0	\$0	\$0	\$0	\$0	\$35,720

**Project:** F0003\* - Electrical Repairs/Replacement (I) **Funding Source:** Other

**Project Description:** This project provides for funding in support of an annual program for the replacement and upgrade of lighting and electrical systems, which are required to restore lighting in city parks and upgrade lighting in city buildings. These upgrades are expected to reduce the consumption of electricity usage citywide and restore safety and security for citizens utilizing city parks and facilities. In FY 2022, these projects include lighting replacement at Bonsall North, Rose Lane and Sahuaro Ranch Parks. The ongoing costs from FY 2023 to FY 2026 include funding for the annual program as well as previously deferred projects to upgrade park lighting systems.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>

**Operating Description:**

\*=New Project, N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



**PROJECT DETAIL: 2070-General Gov Capital Proj** **Category: Other**

**Project:** F0004\* - Exterior Repairs/Replacements (I) **Funding Source:** Other

**Project Description:** This project provides funding in support of an annual program for all exterior repairs and replacements such as painting, sealing, siding replacements, carpentry repairs, window and door replacements, ADA compliance, and plumbing repairs. Exterior repairs to city buildings are estimated to cost \$100,000 annually and are needed to preserve, protect and extend the useful life of the infrastructure. In FY 2022, project funding includes the replacement of siding and sealing/painting at Sahuaro Ranch Park and the airport terminal. Keeping the exterior surface coated in paint products protects the underlying building materials.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

**Operating Description:**

**Project:** F0005\* - City Hall - HVAC System (I) **Funding Source:** Other

**Project Description:** Project provides for replacements and upgrades to the existing heating, ventilating and air conditioning (HVAC) system at Glendale city hall. Three floors of city hall (basement, sub-basement, and aspects of the first floor) were upgraded in previous fiscal years; whereas the remaining floors were deferred to upcoming years in the capital plan. Because the overall HVAC system has reached the end of its serviceable life, this project includes funding for the remaining floors (second, third, fourth and council chambers). Upgrades will include replacement of air handling units on each floor, enhancements to the control units in each suite, ductwork, piping, and associated electrical work. The HVAC system upgrades will improve indoor air quality and provide a new HVAC system life capacity of an additional 20+ years for the entire building.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$56,250
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$48,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$187,500
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,452,250</b>

**Operating Description:**

**PROJECT DETAIL: 2070-General Gov Capital Proj** **Category: Other**

**Project:** T1160 - City Hall Parking Garage (I) **Funding Source:** Other

**Project Description:** As part of the emergency garage repair in FY 2009, the structural engineer provided additional maintenance recommendations for the remainder of the city hall garage related to replacement or repair of synthetic cushions. Over the past 25 years, the natural expansion and contraction of the structure's elements have pushed out of place many of the synthetic cushions on which the 366 concrete beams are seated. This has caused the concrete to wear against bare concrete causing deterioration. Also, there are four locations that have significant deterioration that will require extra maintenance and repair before the deterioration becomes more costly.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$33,504
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$135,689
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,675,193</b>

**Operating Description:** No additional O and M is needed for this project.

**Project:** 70805 - Heart Monitors (R) **Funding Source:** Other

**Project Description:** Purchase of 36 cardiac monitors. Currently, the department's heart monitors are adequate to provide service; however by FY 2019 they will be 14 to 15 years old and are expected to reach the end of their useful life. Heart monitors are considered a capital expenditure due to the type of equipment requiring to be updated all at the same time which cannot be phased in when replaced. Personnel must all be able to train and work on the same type, make and model of equipment. The department will continue to seek alternative funding mechanisms such as grants as they become available. Heart monitors are currently on a maintenance contract which will cover the cost to repair or replace a malfunctioned monitor through FY2013.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M for the heart monitors would be needed starting in FY 2020. O and M will include two batteries a year per unit at (\$225 per battery x 60) and a 3% inflation has been added per year. A supplemental budget request will be submitted for once the project is near completion. O & M is currently budgeted in medical supplies.



**PROJECT DETAIL: 2070-General Gov Capital Proj** **Category: Other**

**Project: 70806 - Replacement of Airpacks (R)** **Funding Source: Other**

**Project Description:** Replacement of self-contained breathing apparatus (SCBAs) or air packs. The current supply is in compliance with National Fire Protection Association Standards through FY 2017. In FY 2017, 150 air packs will be outdated and in need of replacement. The useful life span of SCBAs is 7-10 years. Upgrades were completed in 2013 for all air packs. As components of the air packs fail, the department will repair or replace them using the department operating budget. Air packs are considered a capital expenditure due to the type of equipment requiring to be updated all at the same time; which cannot be phased in when replaced. Personnel must all be able to train and work on the same type, make and model of equipment. The department will continue to seek alternative funding mechanisms such as grants as they become available.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$836,000	\$813,850	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$836,000</b>	<b>\$813,850</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** O and M includes maintenance and repair at \$70,000 annually and an additional \$36,000 (once every 5 years) for 2 hydro tests on 300 bottles at \$60.00 per bottle that is performed every 5 years. The current SCBA budget is \$17,291 and does not cover the O and M identified; an additional \$350,000 is necessary. The \$70,000 for annual maintenance and repair will be needed the year after purchase. A supplemental budget request will be submitted once the project is near

**Project: 70811 - CBR Scoreboard (R)** **Funding Source: Other**

**Project Description:** Purchase of scoreboard for Camelback Ranch

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

**Project: 77503\* - Exterior Closure (Roofing) (R)** **Funding Source: Other**

**Project Description:** This project provides funding in support of an annual roof repair and replacement program. Ongoing roofing repairs and replacements are required to improve the condition of City facilities and extend the useful life of the infrastructure. Citywide condition assessments will be conducted annually to evaluate roof conditions. In FY 20122, repairs or replacements to roofs at the Main Library, airport terminal, and Sahuaro Ranch Park buildings will be completed.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>

**Operating Description:**



**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**

**Project:** 81067 - Civic Ctr. Maintenance (R) **Funding Source:** Other

**Project Description:** The Civic Center's maintenance reserve annual allocation has been moved to operations as ongoing repair and maintenance of facility. The reserve will ensure that the Civic Center remains a competitive and high quality event venue and it is essential to the continued success of the facility.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>

**Operating Description:** No additional O and M is needed.

**Project:** F0001\* - HVAC Repair/Replacements (R) **Funding Source:** Other

**Project Description:** This project provides funding in support of an annual repair and replacement program for existing heating, ventilating and air conditioning (HVAC) systems at various city buildings, which have reached the end of their service life. The replacements and upgrades identified in the annual HVAC Repair/Replacement Program are estimated to cost \$500,000 annually. These HVAC system upgrades will improve air quality and renew life cycles of the replaced units. Projects in FY 2022 include the airport terminal, community center north, and equipment management.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>

**Operating Description:**

**Project:** F0002\* - Interior Repairs/Replacements (R) **Funding Source:** Other

**Project Description:** This project provides funding in support of an annual program for interior building repairs and replacements such as flooring, ceiling tiles, carpeting, painting, wall coverings, ADA compliance, plumbing, fire protection upgrades and carpentry. Interior repair to city buildings are estimated to cost \$300,000 annually and are needed to preserve, protect and extend the useful life of infrastructure.

Capital Costs	Carryover	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FYs 23-27
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>

**Operating Description:**



**PROJECT DETAIL: 2070-General Gov Capital Proj** **Category: Other**

**Project:** T4620 - Resurface Library Parking Lots (R) **Funding Source:** Other

**Project Description:** This is a request to fund the repaving and sealing of the 26-year old asphalt parking lot at the Main Library and slurry seal the 14-year old parking lot at the Foothills Branch Library. The Main Library's parking lot has deteriorated to the point that a 1 1/2" fabric overlay is needed. The estimated cost to repair this is \$97,283. A heavy grade slurry seal is recommended for the Foothills Branch Library in order to preserve the life span of the asphalt, which, with proper maintenance, should reach 20-30 years. The estimated cost for this is \$33,188.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**Operating Description:** O and M is required for asphalt maintenance starting in 2021. The industry standard for asphalt maintenance is to seal every 2-3 years from the completion date. This type of maintenance includes crack sealing and restriping of parking lots. A supplemental budget request will be submitted once the project is near completion. Adjusted for the future, the annual O and M would be \$30,479 for both lots (approximately \$15,240 for each lot/year).

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$609,580

**Project:** T4730 - Fuel Sites Equipment Upgrade (R) **Funding Source:** Other

**Project Description:** This project reflects the replacement of all City of Glendale fuel dispensing equipment that will reach its maximum useful life over the next ten years. The project includes installation of new fuel dispensing pumps, monitoring and tank leak detection systems and replacement of the fuel tracking system at The Field Operations Center, Fire Station 153 and Fire Station 155. Completion of this project will ensure reporting accuracy, equipment stability and integrity, and improved customer service.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$5,357
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$518,397
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$2,872
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$25,664
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$5,184
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,474</b>

**Operating Description:** The software is a one-time purchase and the yearly license agreement will be paid through the departments existing budget.. No annual maintenance is required, if repairs are required vendors will be paid through existing operational budgets. Contributions to the Technology Replacement Fund are being made for the hardware currently being used and no additional hardware would be needed at this time.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$10,000





**PROJECT DETAIL: 2070-General Gov Capital Proje** **Category: Other**

**Project:** T5320 - EOC Equipment Replacement (R) **Funding Source:** Other

**Project Description:** This project funds the replacement of the information technology based equipment in the City's Emergency Operations Center (EOC), and places the EOC equipment in the city's technology replacement fund (TRF) to ensure software and hardware updates occur in conjunction with normal city rollouts. The EOC was built in 2006 and EOC equipment was not funded for the TRF due to the annual cost. Equipment updates were to be funded through the capital improvement process as equipment reached the end of its service life. Not being part of the TRF, results in lack of timely equipment replacement and unfunded requirements each time there is a software update, modifications to hardware are required, or there are equipment failures. The frequency of these unfunded requirements continues to rise as the equipment ages. EOC equipment will be two and a half times past its typical service life in the year 2020.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$14,881
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$595,241
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$610,122</b>

**Operating Description:** This project will replace existing equipment and systems at the EOC. This equipment will be placed in the technology replacement fund at a cost of \$152,530 annually, or \$610,122 over the four year replacement cycle. Approximately 1/4 of the equipment will be replaced each year. The equipment includes the audiovisual, software, hardware, and communications equipment used in the EOC to support emergency and special event operations.

<u>Operating Costs</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$8,177,030

**Project:** T5380 - Replace HazMat Vehicle (R) **Funding Source:** Other

**Project Description:** Replacement of a HazMat vehicle for the hazardous materials team. The current truck will have served its useful life of 10 years by FY 2019. This vehicle is supported by Fleet Management staff and anticipated mileage is 10,000 miles per year.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$12,321
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$603,750
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$616,071</b>

**Operating Description:** No additional O and M is needed since the Hazmat truck will be replacing the current vehicle, which will not be used as a reserve vehicle.

**Project:** 70808\* - CBR Land IGA (N) **Funding Source:** Other

**Project Description:** This is an intergovernmental agreement with the City of Phoenix for repayment of land at Camelback Ranch Facility. The agree states the City will pay the following amounts: FY 17 and 18 \$668,646 - FY 20 \$1,086,822

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Land	\$0	\$668,646	\$0	\$1,086,822	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$668,646</b>	<b>\$0</b>	<b>\$1,086,822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



<b>FUND SUMMARY: 2593 - City-Wide ERP Solution</b>	<b>Category: Other</b>
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		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>New Assets</b>							
<i>0</i>							
72000 City-Wide ERP Solution	0	2,862,221	1,132,837	0	0	0	0
<b>Sub-Total - New Assets</b>	<i>0</i>	<i>2,862,221</i>	<i>1,132,837</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Project Expenses:</b>	<b>\$0</b>	<b>\$2,862,221</b>	<b>\$1,132,837</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>	<b>\$2,862,221</b>						

<b>PROJECT DETAIL: 2593 - City-Wide ERP Solution</b>	<b>Category: Other</b>
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**Project:** 72000 - City-Wide ERP Solution (N) **Funding Source:** General Fund

**Project Description:** Replacement of the City's ERP system including modules for financials, procurement, budget, and HR. This a multi-year phased project. The current Peoplesoft system will be reaching it's end of life and vendor support within the next two years. This system will replace all PS applications.

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Miscellaneous/Other	\$0	\$2,862,221	\$1,132,837	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,862,221</b>	<b>\$1,132,837</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**



**FUND SUMMARY: 1220-Arts Commission** **Category: Other**

		<u>FY 2018:</u>	<u>FY 2019:</u>	<u>FY 2020:</u>	<u>FY 2021:</u>	<u>FY 2022:</u>	<u>FYs 23-27:</u>
<b>Capital Project Expenses</b>	<u>Carrvoer</u>	<u>New Funding</u>					
<b>New Assets</b>							
0							
84650 Municipal Arts Program	683,849	200,000	200,000	142,943	0	0	0
<b>Sub-Total - New Assets</b>	<b>683,849</b>	<b>200,000</b>	<b>200,000</b>	<b>142,943</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Project Expenses:</b>	<b>\$683,849</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$142,943</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total FY 2018 Funding:</b>	<b>\$883,849</b>						

**PROJECT DETAIL: 1220-Arts Commission** **Category: Other**

**Project:** 84650 - Municipal Arts Program (N) **Funding Source:** Capital Plan

**Project Description:** City Council Ordinance No. 1226 created a Municipal Art Fund which provides for the purchase of works of art for public places. This consists of commissioned, non-commissioned and the performing arts, all reviewed and recommended by the Glendale Arts Commission (via the Annual Arts Plan).

<u>Capital Costs</u>	<u>Carryover</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FYs 23-27</u>
Contingency	\$285,049	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$398,800	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$0	\$200,000	\$200,000	\$142,943	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$683,849</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$142,943</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:** Total O&M for maintaining the city art inventory is \$173,162.