FY 2017-2026

Tentative Budget

Adopted

May 24, 2016

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 FY16-17 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 FY16-17 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 $693 million for FY16-17 with an operating budget of $391 million, a capital improvement budget of $194.4 million, a debt service budget of $73.8 million, and a contingency appropriation of $33.8 million. Schedule One also shows a total revenue budget of $537.7 million and a total transfers budget of $120.2 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 ~~R~~evenues 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 2017-2026 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 2016-17 (FY16-17) 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 FY16-17 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. <u>Cash Transfers</u> - Cash transfers between funds can only be authorized by Council in the last three months of the fiscal year.
b. <u>Cash & Appropriation Transfers Between Funds</u> - 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:

	Authorization Level
Cash Transfers (Between Funds)	Council
Cash & Appropriation Transfers (Between Funds)	Council
Appropriation Transfers	
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
Appropriation Transfers – Between Capital Improvement Projects	
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 FY16-17, debt service is 13% 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, working capital will be maintained at a minimum of 50% of operating revenues.

3. For the Solid Waste Enterprise Fund, working capital will be maintained at 10% of operating revenues.

4. For the Landfill Enterprise Fund, working capital will be maintained at 15% of operating revenues.

5. 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

6. 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. 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

SCHEDULE ONE
Fund Balance Analysis

		Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
General Fund											
1000	General	40,471,177	210,277,130	25,186,732	(32,770,731)	(196,653,699)	-	-	(5,000,000)	(201,653,699)	41,510,609
1120	Vehicle Replacement	3,378,408	270,000	1,500,000	-	(4,732,500)	-	-	-	(4,732,500)	415,908
	Sub-Total General Fund	**43,849,585**	**210,547,130**	**26,686,732**	**(32,770,731)**	**(201,386,199)**	**-**	**-**	**(5,000,000)**	**(206,386,199)**	**41,926,517**
Special Revenue Funds											
1200	Utility Bill Donation	64,226	155,400			(200,000)	-	-	-	(200,000)	19,626
1220	Arts Commission Fund	1,100,700	282,173			(235,399)	(683,849)	-	-	(919,248)	463,625
1240	Court Security/Bonds	327,245	414,890			(616,775)	-	-	-	(616,775)	125,360
1300	Home Grant	-	1,674,704			(1,674,704)	-	-	-	(1,674,704)	-
1310	Neighborhood Stabilization Pgm	-	229,443			(229,443)	-	-	-	(229,443)	-
1311	N'hood Stabilization Pgm III	-	227,300			(227,300)	-	-	-	(227,300)	-
1320	C.D.B.G.	-	3,683,422			(3,683,422)	-	-	-	(3,683,422)	-
1340	Highway User Gas Tax	20,562,374	14,310,810		(21,038,574)	(10,302,762)	-	-	(720,000)	(11,022,762)	2,811,848
1650	Transportation Grants	-	16,143,008		-	(1,000,000)	(15,143,008)	-	-	(16,143,008)	-
1660	Transportation Sales Tax	35,398,872	25,317,441	900,000	(20,901,015)	(13,247,233)	-	-	(2,100,000)	(15,347,233)	25,368,065
1700	Police Special Revenue	6,618,681	16,086,459	-	(16,986,459)	-	-	-	-	-	5,718,681
1720	Fire Special Revenue	843,043	8,100,273	-	(8,200,273)	-	-	-	-	-	743,043
1760	Airport Special Revenue	-	545,779	135,105		(680,884)	-	-	-	(680,884)	-
1820	CAP Grant	-	1,260,499	64,299		(1,324,798)	-	-	-	(1,324,798)	-
1830	Emergency Shelter Grants	-	208,992			(208,992)	-	-	-	(208,992)	-
1840	Grants	-	15,490,400			(5,807,981)	-	-	(9,682,419)	(15,490,400)	-
1860	RICO Funds	1,486,744	1,015,000			(2,501,744)	-	-	-	(2,501,744)	-
1880	Parks & Recreation Self Sust	-	-			-	-	-	-	-	-
1885	Parks & Recreation Designated	204,329	9,300			(62,895)	-	-	-	(62,895)	150,734
2120	Airport Capital Grants	-	5,755,161			-	(5,755,161)	-	-	(5,755,161)	-
2530	Training Facility Revenue Fund	248,633	1,644,474			(1,762,807)	-	-	-	(1,762,807)	130,300
	Sub-Total Special Revenue Fund	**66,854,847**	**112,554,928**	**1,099,404**	**(67,126,321)**	**(43,767,139)**	**(21,582,018)**	**-**	**(12,502,419)**	**(77,851,576)**	**35,531,282**
Debt Service Funds											
1900	G.O. Bond Debt Service	3,984,418	20,157,858	209,713	-		-	(20,318,988)	-	(20,318,988)	4,033,001
1940	M.P.C. Debt Service	2,653,541	-	20,600,853	-		-	(20,630,852)	-	(20,630,852)	2,623,542
1950	Excise Tax Deb Service	32,649	-	5,565,770	-		-	(5,575,771)	-	(5,575,771)	22,648
1970	Transportation Debt Service	199,315	-	7,144,000	-			(7,149,000)	-	(7,149,000)	194,315
	Sub-Total Debt Service Funds	**6,869,923**	**20,157,858**	**33,520,336**	**-**	**-**	**-**	**(53,674,611)**	**-**	**(53,674,611)**	**6,873,506**
Permanent Funds											
2280	Cemetery Perpetual Care	5,683,583	26,000	-	-	-	-	-	(5,709,583)	(5,709,583)	-
	Sub-Total Permanent Funds	**5,683,583**	**26,000**	**-**	**-**	**-**	**-**	**-**	**(5,709,583)**	**(5,709,583)**	**-**

SCHEDULE ONE
Fund Balance Analysis

		Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
Capital Project Funds											
1380	DIF Library Blds	1,762,674	11,040				-		(1,773,714)	(1,773,714)	-
1421+	DIF-Fire Protection Facilities	869	224,066				-		(224,935)	(224,935)	-
1441+	DIF-Police Facilities	1,149,232	89,440				(1,148,565)		(90,107)	(1,238,672)	-
1461+	DIF-Citywide Parks	105,739	2,000				-		(107,739)	(107,739)	-
1481+	DIF-Citywide Recreation Fac	1,273,813	7,900		(209,713)		(1,072,000)			(1,072,000)	-
1501+	DIF-Libraries	2,368,583	16,200				(638,614)		(1,746,169)	(2,384,783)	-
1520	DIF-Citywide Open Spaces	505,424	3,000				(318,460)		(189,964)	(508,424)	-
1541+	DIF-Parks Dev Zone 1	124,676	205,010				-		(329,686)	(329,686)	-
1561+	DIF-Parks Dev Zone 2	166,259	1,070				-		(167,329)	(167,329)	-
1581+	DIF-Parks Dev Zone 3	44,124	520				-		(44,644)	(44,644)	-
1601+	DIF-Roadway Improvements	634,455	1,207,900				(725,030)		(1,117,325)	(1,842,355)	-
1620	DIF-General Government	162,234	1,000				-		(163,234)	(163,234)	-
1980	Streets Constr. - 1999 Auth	7,212,940	-				(7,212,940)		-	(7,212,940)	-
2000	Hurf Street Bonds	-	-	21,038,574			(21,038,574)			(21,038,574)	-
2040	Public Safety Construction	1,560,191					(1,202,685)		(357,506)	(1,560,191)	-
2060	Parks Construction	142,487					(50,000)		(92,487)	(142,487)	-
2070	General Gov Capital Projects	7,275,448		2,605,053			(9,880,501)			(9,880,501)	-
2080	Gov't Facilities - 1999 Auth	-								-	-
2100	Economic Dev. Constr-1999 Auth	-	10,545,000				(10,545,000)			(10,545,000)	-
2130	Cultural Facility Bond Fund	100,000					(100,000)			(100,000)	-
2140	Open Space/Trails Constr-99 Au	226,795							(226,795)	(226,795)	-
2180	Flood Control Construction	2,288,572					(2,213,114)		(75,458)	(2,288,572)	-
2210	Transportation Capital Project	-		13,757,015			(13,757,015)			(13,757,015)	-
	Sub-Total Capital Fund	**27,104,515**	**12,314,146**	**37,400,642**	**(209,713)**	**-**	**(69,902,498)**	**-**	**(6,707,092)**	**(76,609,590)**	**-**
Enterprise Funds											
2360+	Water and Sewer	99,035,991	91,019,500	20,355,388	(20,126,000)	(51,897,813)	(91,892,694)	(20,150,983)	(2,000,000)	(165,941,490)	24,343,389
2440	Landfill	9,145,667	10,288,219	658,308	-	(10,056,926)	(8,028,308)		(500,000)	(18,585,234)	1,506,960
2480	Sanitation	3,938,422	14,623,650	125,392	-	(14,135,631)	(2,982,261)		-	(17,117,892)	1,569,572
2500	Pub Housing Budget Activities	200,000	15,959,127	386,563	-	(16,047,175)	-		-	(16,047,175)	498,515
	Sub-Total Enterprise Funds	**112,320,081**	**131,890,496**	**21,525,651**	**(20,126,000)**	**(92,137,545)**	**(102,903,263)**	**(20,150,983)**	**(2,500,000)**	**(217,691,791)**	**27,918,437**
Internal Service Funds											
2540	Risk Management Self Insurance	3,106,834	3,208,001	-	-	(2,951,560)	-	-	(1,400,000)	(4,351,560)	1,963,275
2560	Workers Comp. Self Insurance	7,503,184	2,356,014	-	-	(2,204,924)	-	-	-	(2,204,924)	7,654,274
2580	Benefits Trust Fund	-	26,825,620	-	-	(26,825,620)	-	-	-	(26,825,620)	-
2590	Fleet Services	997,716	9,177,762	-	-	(9,163,611)	-	-	-	(9,163,611)	1,011,867
2591	Technology	1,163,287	7,219,923	-	-	(8,383,210)	-	-	-	(8,383,210)	-
2592	Technology Projects	2,720,500	1,427,225	-	-	(4,147,725)	-	-	-	(4,147,725)	-
	Sub-Total Internal Service Funds	**15,491,522**	**50,214,545**	**-**	**-**	**(53,676,650)**	**-**	**-**	**(1,400,000)**	**(55,076,650)**	**10,629,417**
	TOTAL	**278,174,056**	**537,705,103**	**120,232,765**	**(120,232,765)**	**(390,967,533)**	**(194,387,779)**	**(73,825,594)**	**(33,819,094)**	**(693,000,000)**	**122,879,158**

Section 3

Auditor General Schedules (A thru G)

City of Glendale
Summary Schedule of Estimated Revenues and Expenditures/Expenses
Fiscal Year 2017

Fiscal Year		Sch	FUNDS							
			General Fund	Special Revenue Fund	Debt Service Fund	Capital Projects Fund	Permanent Fund	Enterprise Funds Available	Internal Service Funds	Total All Funds
2016	Adopted/Adjusted Budgeted Expenditures/Expenses*	E	204,114,096	80,238,274	57,774,010	70,603,613	5,669,617	162,720,607	50,879,783	632,000,000
2016	Actual Expenditures/Expenses**	E	187,875,136	39,994,251	57,774,010	16,261,440	0	97,129,816	46,229,733	445,264,386
2017	Fund Balance/Net Position at July 1***		43,849,585	66,854,847	6,869,923	27,104,515	5,683,583	112,320,081	15,491,522	278,174,056
2017	Primary Property Tax Levy	B	5,621,452							5,621,452
2017	Secondary Property Tax Levy	B			19,587,858					19,587,858
2017	Estimated Revenues Other than Property Taxes	C	204,925,678	112,554,928	570,000	12,314,146	26,000	131,890,496	50,214,545	512,495,793
2017	Other Financing Sources	D	0	0	0	0	0	0	0	0
2017	Other Financing (Uses)	D	0	0	0	0	0	0	0	0
2017	Interfund Transfers In	D	26,686,732	1,099,404	33,520,336	37,400,642	0	21,525,651	0	120,232,765
2017	Interfund Transfers (Out)	D	32,770,731	67,126,321	0	209,713	0	20,126,000	0	120,232,765
2017	Reduction for Amounts Not Available:									
LESS:	Amounts for Future Debt Retirement:									0
										0
										0
										0
2017	Total Financial Resources Available		248,312,716	113,382,858	60,548,117	76,609,590	5,709,583	245,610,228	65,706,067	815,879,159
2017	Budgeted Expenditures/Expenses	E	206,386,199	77,851,576	53,674,611	76,609,590	5,709,583	217,691,791	55,076,650	693,000,000

EXPENDITURE LIMITATION COMPARISON	2016	2017
1. Budgeted expenditures/expenses	$ 632,000,000	$ 693,000,000
2. Add/subtract: estimated net reconciling items		
3. Budgeted expenditures/expenses adjusted for reconciling items	632,000,000	693,000,000
4. Less: estimated exclusions	203,261,649	220,089,427
5. Amount subject to the expenditure limitation	$ 428,738,351	$ 472,910,573
6. EEC expenditure limitation	$ 542,088,977	$ 554,464,628

* 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 2017

	2016	2017
1. Maximum allowable primary property tax levy. A.R.S. §42-17051(A)	$ 5,529,882	$ 5,732,896
2. Amount received from primary property taxation in the **current year** in excess of the sum of that year's maximum allowable primary property tax levy. A.R.S. §42-17102(A)(18)	$	
3. Property tax levy amounts		
A. Primary property taxes	$ 5,529,882	$ 5,621,452
B. Secondary property taxes	19,268,783	19,587,858
C. Total property tax levy amounts	$ 24,798,665	$ 25,209,310
4. Property taxes collected*		
A. Primary property taxes		
(1) **Current** year's levy	$ 5,474,583	
(2) Prior years' levies	55,299	
(3) Total primary property taxes	$ 5,529,882	
B. Secondary property taxes		
(1) **Current** year's levy	$ 19,076,095	
(2) Prior years' levies	192,688	
(3) Total secondary property taxes	$ 19,268,783	
C. Total property taxes collected	$ 24,798,665	
5. Property tax rates		
A. City/Town tax rate		
(1) Primary property tax rate	0.4898	0.4792
(2) Secondary property tax rate	1.7067	1.6698
(3) Total city/town tax rate	2.1965	2.1490

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.

SCHEDULE B

CITY OF GLENDALE
Revenues Other Than Property Taxes
Fiscal Year 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
GENERAL FUNDS			
Local taxes			
City Sales Tax	$ 98,695,608	$ 98,695,608	$ 103,449,149
Arena Fees	749,618	749,618	1,249,618
Licenses and permits			
Gas/Electric Franchise Fees	2,828,000	$ 2,828,000	$ 2,856,280
Cable Franchise Fees	1,572,061	1,572,061	1,572,061
Building Permits	1,124,802	1,124,802	1,343,924
Fire Department Other Fees	995,600	995,600	1,012,525
Sales Tax Licenses	665,564	665,564	676,878
Right-of-Way Permits	331,000	331,000	336,627
Fire Dept CD Fees	355,220	355,220	361,258
Liquor Licenses	182,700	182,700	185,806
Planning/Zoning	235,300	235,300	239,300
Bus./Prof. Licenses	110,770	110,770	112,653
Miscellaneous CD Fees	142,881	142,881	145,310
Business Licenses	80,560	80,560	81,930
Arena Fees	182,828	182,828	182,828
Engineering Plan Check Revenue	9,000	9,000	9,153
Plan Check Fees	4,068	4,068	4,137
Intergovernmental			
State Income Tax	$ 27,297,178	$ 27,297,178	$ 29,376,937
State Shared Sales Tax	21,659,358	21,659,358	22,601,416
Motor Vehicle In-Lieu	8,960,744	8,960,744	9,329,684
Partner Revenue	-	-	-
Arena Fees	350,000	350,000	350,000
Miscellaneous	103,020	103,020	104,050
Charges for services			
Staff & Adm Chargebacks	$ 9,700,000	$ 9,700,000	$ 9,700,000
Arena Fees	5,773,830	920,000	920,000
Facility Rental Income	1,858,164	1,848,544	1,986,963
Recreation Revenue	1,400,408	1,400,408	2,213,516
Partner Revenue	-	-	-
Audio/Video Rental		25,250	25,503
Security Revenue	740,535	740,535	747,940
Plan Check Fees	711,900	711,900	724,002
Miscellaneous	485,985	485,985	490,845
Fire Department Other Fees	484,805	484,805	493,047
Right-of-Way Permits	250,000	250,000	254,250
City Property Rental	329,527	329,527	332,822
Engineering Plan Check Revenue	130,191	130,191	132,404
Health Care Revenue	61,863	61,863	62,480
Court Revenue	56,000	56,000	56,952
Camelback Ranch Rev- Fire	53,530	53,530	54,065
Traffic Engineering Plan Check	30,660	30,660	31,181
Equipment Rental	25,250	-	-

* 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.

SCHEDULE C

CITY OF GLENDALE
Revenues Other Than Property Taxes
Fiscal Year 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
Fines and forfeits			
Court Revenue	$ 2,707,580	$ 2,707,580	$ 2,753,610
Miscellaneous	252,750	252,750	255,278
Library Fines/Fees	131,844	131,844	134,085
Interest on investments			
Interest	$ 402,080	$ 402,080	$ 420,041
In-lieu property taxes			
	$ -	$ -	$ -
Contributions			
SRP In-Lieu	$ 278,315	$ 278,315	$ 278,315
Miscellaneous			
Miscellaneous	$ 2,827,481	$ 2,907,481	$ 4,436,822
Fire Department Other Fees	987,785	987,785	1,004,577
City Property Rental	350,180	350,180	1,003,354
Lease Proceeds	404,000	404,000	508,040
Cemetery Revenue	185,000	185,000	188,145
Library Fines/Fees	133,646	133,646	135,917
Other	80,000	-	-
Total General Fund	$ 197,469,189	$ 192,605,739	$ 204,925,678
SPECIAL REVENUE FUNDS			
Public Facilities and Events Funds			
Recreation Revenue	$ 1,002,667	$ 1,002,667	$ 9,000
Facility Rental Income	100,500	100,500	-
Interest	300	300	300
	$ 1,103,467	$ 1,103,467	$ 9,300
Community Services Grants			
Grants	$ 7,853,601	$ 7,853,601	$ 7,074,355
Miscellaneous	995,030	995,030	210,005
	$ 8,848,631	$ 8,848,631	$ 7,284,360
Other Grants			
Grants	$ 16,267,162	$ 3,939,546	$ 14,821,313
Miscellaneous	509,427	509,427	669,087
	$ 16,776,589	$ 4,448,973	$ 15,490,400
Public Safety Funds			
City Sales Tax	$ 13,305,446	$ 13,305,446	$ 14,249,636
City Sales Tax - PS .4	9,316,841	9,316,841	9,937,096
State Forfeitures	1,000,000	1,000,000	1,000,000
Federal Forfeitures	15,000	15,000	15,000
	$ 23,637,287	$ 23,637,287	$ 25,201,732

* 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.

SCHEDULE C

CITY OF GLENDALE
Revenues Other Than Property Taxes
Fiscal Year 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
Transportation/HURF Funds			
City Sales Tax	$ 24,206,223	$ 24,206,223	$ 25,053,441
Grants	15,532,681	1,294,971	6,116,338
Highway User Revenues	14,147,499	14,147,499	14,288,974
Miscellaneous	8,526,097	399,876	15,867,586
LTAF - Lottery	-	-	-
Airport Fees	481,860	490,650	481,860
Transit Revenue	124,000	124,000	124,000
Interest	140,000	140,000	140,000
	$ 63,158,360	$ 40,803,219	$ 62,072,199
Charges for services			
Partner Revenue	$ 1,285,654	$ 1,624,992	$ 1,644,474
	$ 1,285,654	$ 1,624,992	$ 1,644,474
Intergovernmental			
Partner Revenue	$ 339,338	$ -	$ -
Miscellaneous	30,250	-	-
	$ 369,588	$ -	$ -
Fines and forfeits			
Court Revenue	$ 698,497	$ 439,404	$ 413,700
Interest		1,656	$ 1,190
	$ 698,497	$ 441,060	$ 414,890
Interest on investments			
Interest	$ 4,387	$ -	$ -
	$ 4,387	$ -	$ -
Miscellaneous			
Miscellaneous	$ 432,973	$ 436,512	$ 437,573
	$ 432,973	$ 436,512	$ 437,573
Total Special Revenue Funds	$ 116,315,433	$ 81,344,141	$ 112,554,928

* 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.

SCHEDULE C

CITY OF GLENDALE
Revenues Other Than Property Taxes
Fiscal Year 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
DEBT SERVICE FUNDS			
Miscellaneous	$ 573,097	$ 573,097	$ 570,000
SRP In-Lieu	-	-	-
	$ 573,097	$ 573,097	$ 570,000
Total Debt Service Funds	$ 573,097	$ 573,097	$ 570,000
CAPITAL PROJECTS FUNDS			
Development Impact Fee Funds			
Development Impact Fees	$ 39,177	$ 1,760,591	$ 1,681,000
Interest	50,196	84,397	88,146
	$ 89,373	$ 1,844,988	$ 1,769,146
G.O. Bond Funds			
Interest	$ 400	$ -	$ -
Miscellaneous	1,500	-	-
Bond Proceeds		-	10,545,000
	$ 1,900	$ -	$ 10,545,000
Other Capital Funds			
Interest	$ 1,500	$ 600	$ -
	$ 1,500	$ 600	$ -
Total Capital Projects Funds	$ 92,773	$ 1,845,588	$ 12,314,146
PERMANENT FUNDS			
Cemetery Perpetual Care			
Interest	$ 22,000	$ 26,000	$ 26,000
	$ 22,000	$ 26,000	$ 26,000
Total Permanent Funds	$ 22,000	$ 26,000	$ 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.

SCHEDULE C

CITY OF GLENDALE
Revenues Other Than Property Taxes
Fiscal Year 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
ENTERPRISE FUNDS			
Water/Sewer Funds			
Water Revenues	$ 46,187,528	$ 45,658,528	$ 45,484,000
Sewer Revenue	32,733,679	32,033,679	31,830,000
Miscellaneous	1,310,080	1,841,807	11,479,000
Water Development Impact Fees	360,000	360,000	1,120,000
Sewer Development Impact Fees	235,000	460,000	700,000
Interest	220,200	223,700	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
	$ 81,199,487	$ 80,730,714	$ 91,019,500
Landfill			
Tipping Fees	$ 4,844,590	$ 5,312,943	$ 5,371,644
Recycling Sales	2,688,000	1,550,000	1,565,500
Internal Charges	2,570,000	2,722,000	2,550,000
Staff & Adm Chargebacks	431,000	431,000	431,000
Miscellaneous	113,700	215,000	215,000
Other	104,000	114,057	109,625
Interest	45,000	45,000	45,450
	$ 10,796,290	$ 10,390,000	$ 10,288,219
Sanitation			
Residential Sanitiation	$ 10,630,000	$ 10,630,000	$ 10,683,150
Commercial Sanitation Frontload	3,400,000	3,400,000	2,817,000
Commercial Sanitation Rolloff	600,000	600,000	800,000
Miscellaneous	101,000	101,000	101,000
Internal Charges	115,000	115,000	115,000
Miscellaneous Bin Service	100,000	100,000	100,500
Interest	7,000	7,000	7,000
	$ 14,953,000	$ 14,953,000	$ 14,623,650
Pub Housing Budget Activities			
Grants	$ 15,494,940	$ 15,494,940	$ 15,959,127
	$ 15,494,940	$ 15,494,940	$ 15,959,127
Total Enterprise Funds	$ 122,443,717	$ 121,568,654	$ 131,890,496

* 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 2017

SOURCE OF REVENUES	ESTIMATED REVENUES 2016	ACTUAL REVENUES* 2016	ESTIMATED REVENUES 2017
INTERNAL SERVICE FUNDS			
Risk Management Self Insurance			
Internal Charges	$ 3,000,000	$ 3,000,000	$ 3,058,001
Security Revenue	24,750	30,000	30,000
Interest	8,200	17,000	20,000
Miscellaneous		-	100,000
	$ 3,032,950	$ 3,047,000	$ 3,208,001
Workers Comp. Self Insurance			
Internal Charges	$ 2,299,827	$ 2,299,827	$ 2,300,014
Security Revenue	24,750	30,000	30,000
Interest	11,200	24,000	26,000
	$ 2,335,777	$ 2,353,827	$ 2,356,014
Benefits Trust Fund			
City Contributions	$ 15,003,357	$ 15,003,357	$ 15,946,287
Employee Contributions	5,594,915	5,594,915	5,946,545
Retiree Contributions	4,540,477	4,540,477	4,825,836
Miscellaneous	98,370	98,370	104,552
Right-of-Way Permits	1,524	1,524	1,620
Interest	733	733	780
	$ 25,239,376	$ 25,239,376	$ 26,825,620
Fleet Services			
Internal Charges	$ 9,000,000	$ 9,000,000	$ 9,177,762
	$ 9,000,000	$ 9,000,000	$ 9,177,762
Technology			
Internal Charges	$ 6,652,283	$ 6,652,283	$ 7,219,923
Miscellaneous	3,000	3,000	-
	$ 6,655,283	$ 6,655,283	$ 7,219,923
Technology Projects			
Internal Charges	$ 3,234,800	$ 3,234,800	$ 1,427,225
	$ 3,234,800	$ 3,234,800	$ 1,427,225
Total Internal Service Funds	$ 49,498,186	$ 49,530,286	$ 50,214,545
TOTAL ALL FUNDS	$ 486,414,395	$ 447,493,505	$ 512,495,793

* 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.

SCHEDULE C

City of Glendale
Other Financing Sources/<Uses> and Interfund Transfers
Fiscal Year 2017

FUND	OTHER FINANCING 2017 SOURCES	OTHER FINANCING 2017 <USES>	INTERFUND TRANSFERS 2017 IN	INTERFUND TRANSFERS 2017 <OUT>
GENERAL FUND				
1000- General	$	$	$ 25,186,732	$ 32,770,731
1120- Vehicle Replacement			1,500,000	
Total General Fund	$	$	$ 26,686,732	$ 32,770,731
SPECIAL REVENUE FUNDS				
1340 - Highway User Revenue Fund	$	$	$	$ 21,038,574
1660-Transportation Sales Tax Fund			900,000	20,901,015
1700- Police Special Revenue Fund				16,986,459
1720-Fire Special Revenue Fund				8,200,273
1760- Airport Special Revenue Fund			135,105	
1820-CAP Grant			64,299	
Total Special Revenue Funds	$	$	$ 1,099,404	$ 67,126,321
DEBT SERVICE FUNDS				
1900-G.O. Bonds Debt Service	$	$	$ 209,713	$
1940-M.P.C Debt Service			20,600,853	
1950-Excise Tax Debt Service			5,565,770	
1970-Transportation Debt Service			7,144,000	
Total Debt Service Funds	$	$	$ 33,520,336	$
CAPITAL PROJECTS FUNDS				
1481+DIF Citywide Recreation Facility	$	$	$	$ 209,713
2000- HURF Street Capital Projects			21,038,574	
2070- Gen Gov't Capital Projects			2,605,053	
2210-Transportation Capital Projects			13,757,015	
Total Capital Projects Funds	$	$	$ 37,400,642	$ 209,713
PERMANENT FUNDS				
	$	$	$	$
Total Permanent Funds	$	$	$	$
ENTERPRISE FUNDS				
2360+ Water/Sewer	$	$	$ 20,355,388	$ 20,126,000
2440-Landfill			658,308	
2480-Solid Waste			125,392	
2500- Public Housing			386,563	
Total Enterprise Funds	$	$	$ 21,525,651	$ 20,126,000
INTERNAL SERVICE FUNDS				
	$	$	$	$
Total Internal Service Funds	$	$	$	$
TOTAL ALL FUNDS	$	$	$ 120,232,765	$ 120,232,765

SCHEDULE D

CITY OF GLENDALE
Expenditures/Expenses by Fund
Fiscal Year 2017
Schedule E

FUND/DEPARTMENT	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
GENERAL FUND				
Budget and Finance**	$ 21,721,378	$	$ 14,452,865	$ 4,267,604
City Attorney	2,944,274	350,000	3,294,274	3,263,392
City Auditor	337,879		330,979	375,679
City Clerk	566,826	45,000	611,826	841,880
City Court	3,878,094		3,888,559	4,446,913
City Manager	917,044		917,044	974,440
Communications**	1,670,093		1,629,582	-
Community Services**	5,600,766	38,000	5,594,513	6,066,010
Council Districts&Of	930,478		930,478	968,453
Development Services	4,231,931		4,104,892	4,985,651
Economic Development	924,260		913,360	999,682
Fire Services	41,665,248		40,603,668	42,560,721
HR & Risk Mgt	1,776,967	161,512	1,743,967	1,829,625
Mayor's Office	391,288		390,338	368,222
Non-Departmental	10,026,202		9,976,202	17,876,424
Police Services	78,014,086		76,799,224	84,738,048
Public Affairs**	512,016		504,916	2,213,033
Public Facilities & Events**	10,120,735	(38,000)	10,119,994	11,780,970
Public Works	12,884,531	1,157,933	11,068,455	12,829,452
Contingency	5,000,000	(2,108,439)	-	5,000,000
Total General Fund	$ 204,114,096	(393,994)	187,875,136	206,386,199
SPECIAL REVENUE FUNDS				
City Court	$ 539,755	$	$ 427,569	$ 616,775
Community Services**	388,226	294,346	193,926	932,483
Community Services Grants**	9,125,329		6,509,042	7,610,424
Fire Grants	5,158,123		3,166,373	4,302,221
Fire Services	787,230		800,219	886,875
Misc. Grants	5,447,549	(608,697)	-	4,933,011
Non-Departmental	200,000		200,000	200,000
Police Grants	5,720,917		1,282,600	5,805,168
Police RICO	2,481,886		2,481,886	2,501,744
Police Services	359,377		359,377	372,758
Public Facilities & Events**	1,244,740		1,119,489	62,895
Public Facilities & Events Grants**	175,000		-	175,000
Public Works	26,693,071	3,321,901	22,483,219	24,229,053
Public Works Grants	21,267,071		970,551	22,403,169
Contingency	650,000		-	2,820,000
Total Special Revenue Funds	$ 80,238,274	$ 3,007,550	$ 39,994,251	$ 77,851,576

* 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.
**Dept. reorganized July 2016. History follows new dept.

CITY OF GLENDALE
Expenditures/Expenses by Fund
Fiscal Year 2017
Schedule E

FUND/DEPARTMENT	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
DEBT SERVICE FUNDS				
General Obligation	$ 24,337,128	$	$ 24,337,128	$ 20,318,988
Excise Tax Bonds	5,575,770		5,575,770	5,575,771
Highway User (HURF)	1,975,800		1,975,800	-
Municipal Property Corp	18,737,313		18,737,313	20,630,852
Transportation Obligation	7,147,999		7,147,999	7,149,000
Total Debt Service Funds	$ 57,774,010	$ -	$ 57,774,010	$ 53,674,611
CAPITAL PROJECTS FUNDS				
Community Services	$ 1,064,630	$	$ 314,649	$ 638,614
Economic Development	2,404,337		-	16,637,500
General Government	4,274,836		2,440,351	9,880,501
Police Services	1,929,586		855	2,351,250
Public Facilities & Events	310,580	82,695	83	1,535,460
Public Works	48,158,682	(2,613,556)	13,505,502	38,859,173
Contingency	12,460,962	(82,695)	-	6,707,092
Total Capital Projects Funds	$ 70,603,613	$ (2,613,556)	$ 16,261,440	$ 76,609,590
PERMANENT FUNDS				
Contingency	$ 5,669,617	$	$ -	$ 5,709,583
Total Permanent Funds	$ 5,669,617	$ -	$ -	$ 5,709,583
ENTERPRISE FUNDS				
Development Services	$ 140,647	$	$ 128,402	$ 170,642
Budget and Finance	3,029,403		3,029,403	3,223,804
Pub Housing Budget Activities	15,891,384		15,890,884	16,047,175
Public Works	37,639,918	101,694	26,079,317	35,203,126
Water Services	76,423,148	2,471,287	51,976,810	140,396,061
Water Services Debt	20,158,683		25,000	20,150,983
Contingency	9,437,424	(2,572,981)	-	2,500,000
Total Enterprise Funds	$ 162,720,607	$ -	$ 97,129,816	$ 217,691,791
INTERNAL SERVICE FUNDS				
HR & Risk Mgt	$ 30,586,922	$ 1,400,000	$ 31,102,610	$ 31,982,104
Innovation & Technology	9,885,351		7,124,839	12,530,935
Public Works	9,007,510		8,002,284	9,163,611
Contingency	1,400,000	(1,400,000)	-	1,400,000
			-	
Total Internal Service Funds	$ 50,879,783	$ 0	$ 46,229,733	$ 55,076,650
TOTAL ALL FUNDS	$ 632,000,000	$ 0	$ 445,264,386	$ 693,000,000

* 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.
**Dept. reorganized July 2016. History follows new dept.

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2017
Schedule F

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
City Attorney				
City Attorr 1000 - General	$ 2,944,274	$ 350,000	$ 3,294,274	$ 3,263,392
City Attorney Total	$ 2,944,274	$ 350,000	$ 3,294,274	$ 3,263,392
City Auditor				
1000 - General	$ 337,879	$	$ 330,979	$ 375,679
City Auditor Total	$ 337,879	$ -	$ 330,979	$ 375,679
City Clerk				
1000 - General	$ 566,826	$ 45,000	$ 611,826	$ 841,880
City Clerk Total	$ 566,826	$ 45,000	$ 611,826	$ 841,880
City Court				
1000 - General	$ 3,878,094	$	$ 3,888,559	$ 4,446,913
1240 - Court Security/Bonds	539,755		427,569	616,775
City Court Total	$ 4,417,849	$ -	$ 4,316,128	$ 5,063,688
City Manager				
1000 - General	$ 917,044	$	$ 917,044	$ 974,440
City Manager Total	$ 917,044	$ -	$ 917,044	$ 974,440
Communications**				
1000 - General	$ 1,670,093	$	$ 1,629,582	$ -
Communications Total	$ 1,670,093	$ -	$ 1,629,582	$ -
Community Services**				
1000 - General	$ 5,600,766	$ 38,000	$ 5,594,513	$ 6,066,010
1220 - Arts Commission Fund	388,226	285,049	189,426	919,248
1300 - Home Grant	1,674,204		1,420,535	1,674,704
1310 - Neighborhood Stabilization Pgm	926,259		-	229,443
1311 - Neighborhd Stabilization Pgm3	1,100,000		-	227,300
1320 - C.D.B.G.	3,637,151		3,581,987	3,683,422
1500 - DIF-Libraries pre SB1525	1,064,630		314,649	638,614
1820 - CAP Grant	1,303,723		1,302,028	1,324,798
1830 - Emergency Shelter Grants	208,992		208,992	208,992
1840 - Other Federal and State Grants	275,000	9,297	-	275,000
2500 - Pub Housing Budget Activities	15,891,384		15,890,884	16,047,175
Community Services Total	$ 32,070,335	$ 332,346	$ 28,503,014	$ 31,294,706

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City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2017
Schedule F

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
Contingency				
1000 - General	$ 5,000,000	$ (2,108,439)	$ -	$ 5,000,000
1340 - Highway User Gas Tax	650,000		-	720,000
1380 - DIF Library Blds	-		-	-
1380 - DIF-Library Blds pre SB1525	1,760,020		-	1,773,714
1420 - DIF-Fire Protec Fac pre SB1525	805,992		-	224,935
1440 - DIF-Police Faciliti pre SB1525	1,638,229		-	90,107
1460 - DIF-Citywide Parks pre SB1525	371,713		-	107,739
1480 - DIF-Citywide RecFac pre SB1525	1,093,981	(40,000)	-	-
1500 - DIF-Libraries pre SB1525	1,873,985		-	1,746,169
1520 - DIF-Citywide Open Spaces	505,021		-	189,964
1540 - DIF-Parks Dev Zone1 pre SB1525	122,235		-	329,686
1560 - DIF-Parks Dev Zone2 pre SB1525	15,789		-	167,329
1580 - DIF-Parks Dev Zone3 pre SB1525	52,115	(42,695)	-	44,644
1600 - DIF-Roadway Improve pre SB1525	3,142,136		-	1,117,325
1620 - DIF-General Government	161,990		-	163,234
1660 - Transportation Sales Tax	-		-	2,100,000
1980 - Streets Constr. - 1999 Auth	44,313		-	-
2040 - Public Safety Construction	-		-	357,506
2060 - Parks Construction	-		-	92,487
2140 - Open Space/Trails Constr-99 Au	-		-	226,795
2180 - Flood Control Construction	873,443		-	75,458
2280 - Cemetery Perpetual Care	5,669,617		-	5,709,583
2360 - Water and Sewer	8,637,424	(2,471,287)	-	2,000,000
2440 - Landfill	600,000	(211,217)	-	500,000
2480 - Sanitation	200,000	109,523	-	-
2540 - Risk Management Self Insurance	1,400,000	(1,400,000)	-	1,400,000
Contingency Total	$ 34,618,003	$ (6,164,115)	$ -	$ 24,136,675
** Grant Contingency Allocated to Department*				
Mayor and Council				
1000 - General	$ 930,478	$	$ 930,478	$ 968,453
Mayor and Council	$ 930,478	$ -	$ 930,478	$ 968,453
Development Services				
1000 - General	$ 4,231,931	$	$ 4,104,892	$ 4,985,651
2400 - Water	140,647		128,402	170,642
Development Services Total	$ 4,372,578	$ -	$ 4,233,294	$ 5,156,293

* 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.

**Dept. reorganized July 2016. History follows new dept.

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2017
Schedule F

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
Economic Development				
1000 - General	$ 924,260	$	$ 913,360	$ 999,682
1980 - Streets Constr. - 1999 Auth	2,404,337		-	6,092,500
2100 - Economic Dev. Constr-1999 Auth	-		-	10,545,000
Economic Development Total	$ 3,328,597	$ -	$ 913,360	$ 17,637,182
Budget and Finance**				
1000 - General	$ 21,721,378	$	$ 14,452,865	$ 4,267,604
1900 - G.O. Bond Debt Service	24,337,128		24,337,128	20,318,988
1940 - M.P.C. Debt Service	18,737,313		18,737,313	20,630,852
2360 - Water and Sewer	3,029,403		3,029,403	3,223,804
1950 - Excise Tax Debt Service	5,575,770		5,575,770	5,575,771
Budget and Finance Total	$ 73,400,992	$ -	$ 66,132,479	$ 54,017,019
Fire Services				
1000 - General	$ 41,665,248	$	$ 40,603,668	$ 42,560,721
1420 - DIF-Fire Protec Fac pre SB1525	-		-	-
1840 - Other Federal and State Grants	5,158,123		3,166,373	4,302,221
2070 - General Gov Capital Projects	-		-	1,749,655
2530 - Training Facility Revenue Fund	787,230		800,219	886,875
Fire Services Total	$ 47,610,601	$ -	$ 44,570,260	$ 49,499,472
HR & Risk Mgt				
1000 - General	$ 1,776,967	$ 161,512	$ 1,743,967	$ 1,829,625
2540 - Risk Management Self Insurance	2,934,598	1,400,000	3,448,302	2,951,560
2560 - Workers Comp. Self Insurance	2,201,956		2,203,940	2,204,924
2580 - Benefits Trust Fund	25,450,368		25,450,368	26,825,620
HR & Risk Mgt Total	$ 32,363,889	$ 1,561,512	$ 32,846,577	$ 33,811,729
Innovation & Technology**				
2591 - Technology	$ 6,650,551	$	$ 6,610,539	$ 8,383,210
2592 - Technology Projects	3,234,800		514,300	4,147,725
Innovation & Technology Total	$ 9,885,351	$ -	$ 7,124,839	$ 12,530,935
Public Affairs**				
1000 - General	$ 512,016	$	$ 504,916	$ 2,213,033
Public Affairs Total	$ 512,016	$ -	$ 504,916	$ 2,213,033

* 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.

**Dept. reorganized July 2016. History follows new dept.

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2017
Schedule F

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
Mayor's Office				
1000 - General	$ 391,288	$	$ 390,338	$ 368,222
Mayor's Office Total	$ 391,288	$ -	$ 390,338	$ 368,222
Misc. Grants & Misc Capital Grants				
1840 - Other Federal and State Grants	$ 5,447,549	$ (608,697)	$ -	$ 4,933,011
Misc. Grants & Misc Capital Grants Total	$ 5,447,549	$ (608,697)	$ -	$ 4,933,011
Non-Departmental				
1000 - General	$ 10,026,202	$	$ 9,976,202	$ 17,876,424
1200 - Utility Bill Donation	200,000		200,000	200,000
Non-Departmental Total	$ 10,226,202	$ -	$ 10,176,202	$ 18,076,424
Police Services				
1000 - General	$ 78,014,086	$	$ 76,799,224	$ 84,738,048
1440 - DIF-Police Faciliti pre SB1525	-		-	1,148,565
1840 - Other Federal and State Grants	5,720,917		1,282,600	5,805,168
1860 - RICO Funds	2,481,886		2,481,886	2,501,744
2040 - Public Safety Construction	1,929,586		855	1,202,685
2530 - Training Facility Revenue Fund	359,377		359,377	372,758
Police Services Total	$ 88,505,852	$ -	$ 80,923,942	$ 95,768,968
Public Facilities & Events**				
1000 - General	$ 10,120,735	$ (38,000)	$ 10,119,994	$ 11,780,970
1460 - DIF-Citywide	-		-	-
1480 - DIF-Citywide RecFac pre SB1525	-	40,000	-	1,067,000
1520 - DIF-Citywide Open Spaces	-		-	318,460
1540 - DIF-Parks Dev Zone1 pre SB1525	114,000		-	-
1560 - DIF-Parks Dev Zone2 pre SB1525	163,497		-	-
1580 - DIF-Parks Dev Zone3 pre SB1525	33,000	42,695	-	-
1840 - Other Federal and State Grants	175,000		-	175,000
1880 - Parks & Recreation Self Sust	1,162,922		1,118,934	-
1885 - Parks & Recreation Designated	81,818		555	62,895
2060 - Parks Construction	83		83	50,000
2070 - General Gov Capital Projects	-		-	400,000
2130 - Cultural Facility Bond Fund	-		-	100,000
Public Facilites & Events Total	$ 11,851,055	$ 44,695	$ 11,239,566	$ 13,954,325

* 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.
**Dept. reorganized July 2016. History follows new dept.

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2017
Schedule F

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2016	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2016	ACTUAL EXPENDITURES/ EXPENSES* 2016	BUDGETED EXPENDITURES/ EXPENSES 2017
Public Works				
1000 - General	$ 10,424,929	$ 2,036,148	$ 9,809,674	$ 8,096,952
1120 - Vehicle Replacement	4,500,000		3,191,895	4,732,500
1340 - Highway User Gas Tax	9,357,636		9,324,621	10,302,762
1480 - DIF-Citywide RecFac pre SB1525	-		-	5,000
1600 - DIF-Roadway Improve pre SB1525	925,555		105,483	725,030
1620 - DIF-General Government	-		-	-
1650 - Transportation Grants	19,134,936	5,988,252	408,759	16,143,008
1660 - Transportation Sales Tax	13,512,235		12,418,996	13,247,233
1760 - Airport Special Revenue	638,647		649,260	680,884
1920 - HURF Debt Service	1,975,800		1,975,800	-
1970 - Transportation Debt Service	7,147,999		7,147,999	7,149,000
1980 - Streets Constr. - 1999 Auth	251,149	314,351	468,459	1,120,440
2000 - Hurf Street Bonds	20,654,378		9,245,240	21,038,574
2070 - General Gov Capital Projects	2,234,438	(484,221)	507,237	7,730,846
2080 - Gov't Facilities - 1999 Auth	-		-	-
2120 - Airport Capital Projects	4,838,303	(2,666,351)	180,446	5,755,161
2180 - Flood Control Construction	1,680,158		117,713	2,213,114
2210 - Transportation Capital Project	24,647,442	(3,321,901)	3,568,607	13,757,015
2440 - Landfill	20,717,201	211,217	12,341,549	18,085,234
2480 - Sanitation	16,922,717	(109,523)	13,737,768	17,117,892
2530 - Training Facility Revenue Fund	478,385		471,688	503,174
2590 - Fleet Services	9,007,510		8,002,284	9,163,611
Public Works Total	$ 169,049,418	$ 1,967,972	$ 93,673,478	$ 157,567,430
Water Services				
2360+ - Water and Sewer	96,581,831	2,471,287	52,001,810	$ 160,547,044
Water Services Total	$ 96,581,831	$ 2,471,287	$ 52,001,810	$ 160,547,044
TOTAL ALL DEPARTMENTS	$ 632,000,000	$ -	$ 445,264,386	$ 693,000,000

* 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.

**Dept. reorganized July 2016. History follows new dept.

CITY OF GLENDALE
Full-Time Employees and Personnel Compensation
Fiscal Year 2017

FUND	Full-Time Equivalent (FTE) 2017	Employee Salaries and Hourly Costs 2017	Retirement Costs 2017	Healthcare Costs 2017	Other Benefit Costs 2017	Total Estimated Personnel Compensation 2017
GENERAL FUND						
1000 - General	1,168.75	$ 98,123,160	$ 23,915,823	$ 12,888,469	$ 8,535,439	$ 143,462,891
Total General Fund	1,168.75	$ 98,123,160	$ 23,915,823	$ 12,888,469	$ 8,535,439	$ 143,462,891
SPECIAL REVENUE FUNDS						
1220 - Arts Commission Fund	1.00	$ 76,307	$ 8,041	$ 6,369	$ 5,844	$ 96,561
1240 - Court Security/Bonds	3.75	301,098	56,963	47,135	28,910	434,106
1310 - Neighborhood Stabilization Pgm		32,019				32,019
1311 - Neighborhd Stabilization Pgm3		25,000				25,000
1300 - Home Grant		25,000				25,000
1320 - C.D.B.G.	8.75	508,703	58,233	108,734	38,849	714,519
1340 - Highway User Gas Tax	44.00	2,776,090	303,317	487,306	220,755	3,787,468
1660 - Transportation Sales Tax	51.25	3,030,985	344,578	547,217	251,537	4,174,317
1760 - Airport Special Revenue	6.00	347,357	39,842	48,764	27,178	463,141
1820 - CAP Grant	5.50	335,963	38,295	70,166	26,701	471,125
1830 - Emergency Shelter Grants	0.00	17,183	0	0	0	17,183
1840 - Grants	34.00	4,272,730	777,573	371,671	185,006	5,606,980
1860 - RICO Funds	1.00	56,917	6,528	14,457	4,355	82,257
1885 - Parks & Recreation Designated	0.00	5,200	0	0	383	5,583
2530 - Training Facility Revenue Fund	9.00	619,491	149,407	105,547	37,136	911,581
Total Special Revenue Funds	164.25	$ 12,430,043	$ 1,782,777	$ 1,807,366	$ 826,654	$ 16,846,840
DEBT SERVICES FUNDS						
						-
Total Debt Services Funds	-	$ -	$ -	$ -	$ -	$ -
CAPITAL PROJECTS FUNDS						
						-
Total Capital Projects Funds	-	$ -	$ -	$ -	$ -	$ -

SCHEDULE G

CITY OF GLENDALE
Full-Time Employees and Personnel Compensation
Fiscal Year 2017

FUND	Full-Time Equivalent (FTE) 2017	Employee Salaries and Hourly Costs 2017	Retirement Costs 2017	Healthcare Costs 2017	Other Benefit Costs 2017	Total Estimated Personnel Compensation 2017
PERMANENT FUNDS						
						-
Total Permanent Funds	-	$ -	$ -	$ -	$ -	$ -
ENTERPRISE FUNDS						
2360 - Water and Sewer	235.00	$ 14,066,188	$ 1,588,209	$ 2,420,070	$ 1,105,008	$ 19,179,475
2440 - Landfill	44.00	2,644,466	291,589	429,080	199,514	3,564,649
2480 - Sanitation	70.00	3,502,580	387,374	729,313	259,849	4,879,116
2500 - Pub Housing Budget Activities	24.00	1,394,020	160,731	259,367	108,823	1,922,941
Total Enterprise Funds	373.00	$ 21,607,254	$ 2,427,903	$ 3,837,830	$ 1,673,194	$ 29,546,181
INTERNAL SERVICE FUNDS						
2540 - Risk Management Self Insurance	2.00	$ 159,383	$ 18,281	$ 25,064	$ 13,094	$ 215,822
2560 - Workers Comp. Self Insurance	1.00	70,588	8,096	14,854	5,881	99,419
2590 - Fleet Services	32.00	1,802,776	206,460	351,252	145,264	2,505,752
2591 - Technology	30.00	2,562,518	294,316	294,623	193,615	3,345,072
Total Internal Service Funds	65	$ 4,595,265	$ 527,153	$ 685,793	$ 357,854	$ 6,166,065
TOTAL ALL FUNDS	1,771.00	$ 136,755,722	$ 28,653,656	$ 19,219,458	$ 11,393,141 =	$ 196,021,977

SCHEDULE G

Section 4

FY 2017-2026 Capital Improvement Plan

FY 2017-2026

Proposed

Capital Improvement Plan

City Council

Tentative Budget Adoption

May 24, 2016

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CAPITAL IMPROVEMENT PLAN PREPARATION

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.

The City Council reviews the recommended CIP during the spring budget workshops. Council also considers citizen requests and considers the recommendations of staff before making the final decision about which projects should be included in which years of the CIP.

Citizen Involvement in the CIP Process

The CIP is an important financial, planning and public communication tool. It gives residents and businesses a clear and concrete view of the city's long-term direction for capital improvements and a better understanding of the city's ongoing needs for stable revenue sources to fund large or multi-year capital projects.

Input into the annual CIP updating process is obtained from citizens who serve on many different city boards and commissions, as well from individual citizens through the public hearing and comment process. City boards and commissions are comprised of residents and business owners and their meetings are open to the public. A few examples include the Parks and Recreation Advisory Committee, the Library Advisory Board, the Citizen Task Force on Water and Sewer and AD-Hoc Citizens Bond Election Committees. The public also can provide comments to the Mayor and Council through public meetings of the Council, Council District meetings and through other interactions with them. It is through these public input venues that residents and businesses have alerted Council and staff about infrastructure development and renovation needs, important quality-of-life enhancements, and environmental and historic preservation issues that should be addressed in the capital plan.

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 <u>except</u> 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 drastic 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

<u>Water and Sewer Revenue Funded Projects:</u> 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).

<u>Landfill Revenue Funded Projects:</u> 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.

Sanitation 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) 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 2017-2026 CAPITAL IMPROVEMENT PLAN
Summary of All Capital Projects by Funding Type

Fund # - Name	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
BOND CONSTRUCTION FUNDS							
1980 - Street/Parking Bonds	0	7,212,940	5,224,400	5,224,400	5,224,400	5,224,400	5,224,400
2140 - Open Space/Trails	0	0	50,000	15,056	0	176,795	7,259,516
2060 - Parks	0	50,000	0	0	0	0	80,052,683
2160 - Library	0	0	0	0	0	0	11,590,260
2040 - Public Safety	0	1,202,685	2,351,250	2,351,250	0	0	61,217,361
2130 - Cultural Facility	0	100,000	100,000	84,550	0	0	0
2100 - Economic Development	0	10,545,000	0	0	0	0	0
2180 - Flood Control	1,486,986	726,128	0	0	0	0	22,697,923
Sub-Total	**$1,486,986**	**$19,836,753**	**$7,725,650**	**$7,675,256**	**$5,224,400**	**$5,401,195**	**$188,042,143**
DIF FUNDS							
1601 - Roadway Improvements	0	725,030	1,047,023	34,553	0	0	34,553
1520 - Citywide Open Space	0	318,460	0	34,944	150,000	0	0
1461 - Citywide Parks	0	0	226,536	0	0	0	0
1481 - Citywide Rec Facility	0	1,072,000	0	126,983	0	0	3,469
1541 - Park Dev Zone 1	0	0	350,621	3,469	0	0	3,469
1561 - Park Dev Zone 2	0	0	165,438	3,469	0	0	3,469
1581 - Park Dev Zone 3	0	0	0	3,469	0	0	3,469
1380 - Library Buildings	0	0	1,755,029	0	0	0	0
1501 - Libraries	0	638,614	1,356,549	152,592	0	0	17,563
1441 - Police Dept Facilities	0	1,148,565	0	0	0	0	0
1421 - Fire Protection Facilities	0	0	0	15,654	0	0	15,654
1620 - General Government	0	0	0	0	0	0	0
Sub-Total		**$3,902,669**	**$4,901,196**	**$375,133**	**$150,000**	**$0**	**$81,646**
ENTERPRISE/OTHER FUNDS							
2360 - Water & Sewer	7,922,648	32,940,000	7,530,000	8,600,000	0	0	1,000,000
2400 - Water	10,240,800	28,482,000	68,088,580	7,200,000	7,000,000	6,350,000	87,573,225
2420 - Sewer	3,734,246	8,573,000	3,460,000	9,978,000	3,550,000	12,200,000	24,700,000
2210 - Transportation Construction	6,815,149	6,941,866	6,150,935	5,918,732	3,526,082	3,536,162	164,753,802
2000 - HURF/Street Bonds	13,788,329	7,250,245	6,134,245	3,500,000	3,500,000	3,300,000	23,392,735
1650 - Transportation Grants	14,993,008	150,000	0	0	0	0	0
2480 - Sanitation	2,188,497	793,764	1,856,124	2,136,919	2,072,817	1,516,464	10,013,553
2440 - Landfill	6,061,410	1,966,898	6,242,616	9,699,058	6,831,097	2,234,598	4,567,138
2120 - Airport Capital Grants	1,004,751	4,750,410	1,043,665	2,856,347	1,862,119	286,590	0
1000 - General Fund	0	0	0	0	0	0	0
2070 - General Gov Cap	3,425,448	6,455,053	4,485,037	1,836,752	2,923,574	2,336,752	31,668,844
2150 - Technology Infrastructure	0	0	0	0	0	0	4,845,000
1220 - Arts Commission	483,849	200,000	200,000	200,000	142,943	0	0
Sub-Total	**$70,658,135**	**$98,503,236**	**$105,191,202**	**$51,925,808**	**$31,408,632**	**$31,760,566**	**$352,514,297**
Grand Total	**$72,145,121**	**$122,242,658**	**$117,818,048**	**$59,976,197**	**$36,783,032**	**$37,161,761**	**$540,638,086**
Total FY 2017 Funding		**$194,387,779**					

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
68103 Street Scallop	0	617,607	0	0	0	0	0
Replacement of Existing Assets							
68122 Capital Bridge Repair Program	0	502,833	0	0	0	0	0
Sub-Total - Existing Assets	*0*	*1,120,440*	*0*	*0*	*0*	*0*	*0*
New Assets							
0							
68124 *Parking Lot P1-91st & Maryland	0	6,092,500	0	0	0	0	0
68125 *Street Reconstruction Program	0	0	5,224,400	5,224,400	5,224,400	5,224,400	5,224,400
Sub-Total - New Assets	*0*	*6,092,500*	*5,224,400*	*5,224,400*	*5,224,400*	*5,224,400*	*5,224,400*
Total Project Expenses:	**$0**	**$7,212,940**	**$5,224,400**	**$5,224,400**	**$5,224,400**	**$5,224,400**	**$5,224,400**
Total FY 2017 Funding:		**$7,212,940**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$30,000	$0	$0	$0	$0	$0
Construction	$0	$516,917	$0	$0	$0	$0	$0
Finance Charges	$0	$9,700	$0	$0	$0	$0	$0
Engineering Charges	$0	$39,990	$0	$0	$0	$0	$0
Arts	$0	$9,000	$0	$0	$0	$0	$0
Contingency	$0	$12,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$617,607**	**$0**	**$0**	**$0**	**$0**	**$0**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$30,000	$0	$0	$0	$0	$0
Construction	$0	$450,000	$0	$0	$0	$0	$0
Finance Charges	$0	$4,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$14,333	$0	$0	$0	$0	$0
Arts	$0	$4,500	$0	$0	$0	$0	$0
TOTAL	**$0**	**$502,833**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is required.

Project: 68124* - Parking Lot P1-91st & Maryland (N) **Funding Source:** General Obligation Bonds

Project Description: Design and construction for a surface parking lot located southwest of the intersection at Maryland Avenue and 91st Ave.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$6,000,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$92,500	$0	$0	$0	$0	$0
TOTAL	**$0**	**$6,092,500**	**$0**	**$0**	**$0**	**$0**	**$0**

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

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Supplies/Contr	$0	$0	$0	$7,700	$7,700	$92,400
Utilities	$0	$0	$0	$39,000	$39,000	$195,000

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000
Finance Charges	$0	$0	$50,000	$50,000	$50,000	$50,000	$50,000
Engineering Charges	$0	$0	$24,400	$24,400	$24,400	$24,400	$24,400
Arts	$0	$0	$50,000	$50,000	$50,000	$50,000	$50,000
Miscellaneous/Other	$0	$0	$100,000	$100,000	$100,000	$100,000	$100,000
TOTAL	**$0**	**$0**	**$5,224,400**	**$5,224,400**	**$5,224,400**	**$5,224,400**	**$5,224,400**

Operating Description:

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

Capital Project Expenses	Carryover	New Funding (FY 2017:)	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
70000 Thunderbird Paseo Park Develop	0	0	0	0	0	0	1,998,675
70006 *T-bird Park Master Plan 2140	0	0	0	15,056	0	0	0
70007 *Open Space/Trails Master Plan	0	0	50,000	0	0	0	0
70008 *Thunderbird Park Imprvmnt 2140	0	0	0	0	0	176,795	0
T1630 TCP Trail Improvements	0	0	0	0	0	0	2,639,898
Sub-Total - Existing Assets	*0*	*0*	*50,000*	*15,056*	*0*	*176,795*	*4,638,573*
New Assets							
0							
70003 City-Wide Trails System	0	0	0	0	0	0	1,020,000
70005 West Valley Multi-Modal Corrid	0	0	0	0	0	0	1,600,943
Sub-Total - New Assets	*0*	*0*	*0*	*0*	*0*	*0*	*2,620,943*
Total Project Expenses:	**$0**	**$0**	**$50,000**	**$15,056**	**$0**	**$176,795**	**$7,259,516**
Total FY 2017 Funding:		**$0**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,998,675**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$15,056	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$15,056**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$50,000	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$0	$0	$0	$154,000	$0
Engineering Charges	$0	$0	$0	$0	$0	$12,000	$0
Arts	$0	$0	$0	$0	$0	$1,540	$0
Contingency	$0	$0	$0	$0	$0	$9,255	$0
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$176,795**	**$0**

Operating Description:

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,639,898**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$20,000
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$1,000,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,020,000**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,600,943**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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

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

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
Existing Assets								
Improvement of Existing Assets								
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	0	50,000	0	0	0	0	0
T1715	Play Structure Improvements	0	0	0	0	0	0	2,874,890
Replacement of Existing Assets								
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
Sub-Total - Existing Assets		*0*	*50,000*	*0*	*0*	*0*	*0*	*80,052,683*
Total Project Expenses:		**$0**	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$80,052,683**
Total FY 2017 Funding:			**$50,000**					

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

***=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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$10,921,641**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,902,993**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,914,523**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$50,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,874,890**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$27,417,240**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$9,906,161**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$4,723,297**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$7,045,478**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$24,490
Equipment	$0	$0	$0	$0	$0	$0	$1,200,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,224,490**

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 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$7,232,945**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,889,025**

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

FUND SUMMARY: 2160-Library Construction — Category: 6%

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
T2810 Library Renovation	0	0	0	0	0	0	11,590,260
Sub-Total - Existing Assets	*0*	*0*	*0*	*0*	*0*	*0*	*11,590,260*
Total Project Expenses:	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$11,590,260**
Total FY 2017 Funding:		**$0**					

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).

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$227,260
Equipment	$0	$0	$0	$0	$0	$0	$11,363,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$11,590,260**

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

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
81078 *Regional Wireless Cooperative	0	1,202,685	2,351,250	2,351,250	0	0	0
Replacement of Existing Assets							
75024 800MHz Comm Equip	0	0	0	0	0	0	1,408,819
75034 Engine & Ladder Replacement	0	0	0	0	0	0	3,920,612
Sub-Total - Existing Assets	*0*	*1,202,685*	*2,351,250*	*2,351,250*	*0*	*0*	*5,329,431*
New Assets							
0							
75020 City Court Building	0	0	0	0	0	0	43,075,302
T5536 Fire Station - Western Area	0	0	0	0	0	0	12,812,628
Sub-Total - New Assets	*0*	*0*	*0*	*0*	*0*	*0*	*55,887,930*
Total Project Expenses:	**$0**	**$1,202,685**	**$2,351,250**	**$2,351,250**	**$0**	**$0**	**$61,217,361**
Total FY 2017 Funding:		**$1,202,685**					

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

Project: 81078* - 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
IT/Phone/Security	$0	$1,202,685	$2,351,250	$2,351,250	$0	$0	$0
TOTAL	**$0**	**$1,202,685**	**$2,351,250**	**$2,351,250**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$28,176
Equipment	$0	$0	$0	$0	$0	$0	$1,380,643
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,408,819**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$78,412
Equipment	$0	$0	$0	$0	$0	$0	$3,842,200
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,920,612**

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

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$43,075,302**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$12,812,628**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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%

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
84309 *Sahuaro Ranch Park Improvments	0	100,000	100,000	84,550	0	0	0
Sub-Total - Existing Assets	*0*	*100,000*	*100,000*	*84,550*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$100,000**	**$100,000**	**$84,550**	**$0**	**$0**	**$0**
Total FY 2017 Funding:		**$100,000**					

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 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$87,165	$87,165	$75,000	$0	$0	$0
Engineering Charges	$0	$5,753	$5,753	$4,950	$0	$0	$0
Arts	$0	$872	$872	$750	$0	$0	$0
Contingency	$0	$6,210	$6,210	$3,850	$0	$0	$0
TOTAL	**$0**	**$100,000**	**$100,000**	**$84,550**	**$0**	**$0**	**$0**

Operating Description:

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
New Assets							
0							
84408 *Parking Lot P2-BHR and 95th	0	10,545,000	0	0	0	0	0
Sub-Total - New Assets	*0*	*10,545,000*	*0*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$10,545,000**	**$0**	**$0**	**$0**	**$0**	**$0**
Total FY 2017 Funding:		**$10,545,000**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$30,000	$0	$0	$0	$0	$0
Construction	$0	$10,000,000	$0	$0	$0	$0	$0
Finance Charges	$0	$100,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$115,000	$0	$0	$0	$0	$0
Arts	$0	$100,000	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$200,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$10,545,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
79004 Local Drainage Problems	1,486,986	726,128	0	0	0	0	2,694,100
Sub-Total - Existing Assets	*1,486,986*	*726,128*	*0*	*0*	*0*	*0*	*2,694,100*
New Assets							
0							
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	3,126,706
T7902 Camelback Rd. 51st to 58th	0	0	0	0	0	0	3,126,706
Sub-Total - New Assets	*0*	*0*	*0*	*0*	*0*	*0*	*20,003,823*
Total Project Expenses:	**$1,486,986**	**$726,128**	**$0**	**$0**	**$0**	**$0**	**$22,697,923**
Total FY 2017 Funding:		**$2,213,114**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$0	$0	$300,000
Construction	$0	$726,128	$0	$0	$0	$0	$2,300,000
Construction	$1,451,058	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$0	$0	$0	$0	$0	$23,000
Engineering Charges	$20,128	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$0	$0	$0	$0	$0	$48,100
Arts	$15,800	$0	$0	$0	$0	$0	$0
Arts	$0	$0	$0	$0	$0	$0	$23,000
TOTAL	**$1,486,986**	**$726,128**	**$0**	**$0**	**$0**	**$0**	**$2,694,100**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$6,306,500**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$116,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,993,011**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$100,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$5,450,900**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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	$46,206
Engineering Charges	$0	$0	$0	$0	$0	$0	$55,500
Arts	$0	$0	$0	$0	$0	$0	$25,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,126,706**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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	$46,206
Engineering Charges	$0	$0	$0	$0	$0	$0	$55,500
Arts	$0	$0	$0	$0	$0	$0	$25,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,126,706**

Operating Description:

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
67814 59th & Olive Ave (1600)	0	0	713,766	0	0	0	0
67817 *59th & Olive Ave (1602)	0	725,030	75,780	0	0	0	0
67818 *59th & Olive Ave (1601)	0	0	257,477	0	0	0	0
Replacement of Existing Assets							
67809 DIF Update	0	0	0	34,553	0	0	34,553
Sub-Total - Existing Assets	*0*	*725,030*	*1,047,023*	*34,553*	*0*	*0*	*34,553*
Total Project Expenses:	**$0**	**$725,030**	**$1,047,023**	**$34,553**	**$0**	**$0**	**$34,553**
Total FY 2017 Funding:		**$725,030**					

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$667,491	$0	$0	$0	$0
Engineering Charges	$0	$0	$39,600	$0	$0	$0	$0
Arts	$0	$0	$6,675	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$713,766**	**$0**	**$0**	**$0**	**$0**

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

Project: 67817* - 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$125,030	$0	$0	$0	$0	$0
Construction	$0	$0	$67,062	$0	$0	$0	$0
Engineering Charges	$0	$0	$8,047	$0	$0	$0	$0
Arts	$0	$0	$671	$0	$0	$0	$0
Contingency	$0	$600,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$725,030**	**$75,780**	**$0**	**$0**	**$0**	**$0**

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: 67818* - 59th & Olive Ave (1601) (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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$239,291	$0	$0	$0	$0
Engineering Charges	$0	$0	$15,793	$0	$0	$0	$0
Arts	$0	$0	$2,393	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$257,477**	**$0**	**$0**	**$0**	**$0**

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 portion of the DIF study and updates.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$34,553	$0	$0	$34,553
TOTAL	**$0**	**$0**	**$0**	**$34,553**	**$0**	**$0**	**$34,553**

Operating Description: No additional O and M is needed.

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
70453 Discovery Park	0	178,943	0	0	0	0	0
70454 Pasadena Park	0	139,517	0	0	0	0	0
70455 *Thunderbird Park Imprvmts 1520	0	0	0	0	150,000	0	0
70456 *T-Bird Park Mstr Plan 1520	0	0	0	34,944	0	0	0
Sub-Total - Existing Assets	*0*	*318,460*	*0*	*34,944*	*150,000*	*0*	*0*
Total Project Expenses:	**$0**	**$318,460**	**$0**	**$34,944**	**$150,000**	**$0**	**$0**
Total FY 2017 Funding:		**$318,460**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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	$15,443	$0	$0	$0	$0	$0
TOTAL	**$0**	**$178,943**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$114,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$12,000	$0	$0	$0	$0	$0
Arts	$0	$1,140	$0	$0	$0	$0	$0
Contingency	$0	$12,377	$0	$0	$0	$0	$0
TOTAL	**$0**	**$139,517**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$0	$0	$121,700	$0	$0
Engineering Charges	$0	$0	$0	$0	$12,000	$0	$0
Arts	$0	$0	$0	$0	$1,217	$0	$0
Contingency	$0	$0	$0	$0	$15,083	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$0**	**$150,000**	**$0**	**$0**

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

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$34,944	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$34,944**	**$0**	**$0**	**$0**

Operating Description:

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Replacement of Existing Assets							
72502 DIF Update	0	0	226,536	0	0	0	0
Sub-Total - Existing Assets	*0*	*0*	*226,536*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$0**	**$226,536**	**$0**	**$0**	**$0**	**$0**
Total FY 2017 Funding:		**$0**					

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

Project: 72502 - 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 parks portion of the DIF study and updates.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$226,536	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$226,536**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is needed.

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
72805 *Aquatics Center Improvements	0	5,000	0	0	0	0	0
72806 *Grand Canal Linear Prk Staging	0	23,150	0	0	0	0	0
72807 *Heroes Regional Park Study	0	50,000	0	0	0	0	0
72808 *Thunderbird Park Imprvmt 1480	0	0	0	123,514	0	0	0
72809 *Rose Lane Aquatics Storage	0	15,000	0	0	0	0	0
72810 *CS Dept Master Plan Update	0	245,000	0	0	0	0	0
72811 *FRAC Enhancements	0	30,000	0	0	0	0	0
72812 *Heroes Regional Park	0	564,012	0	0	0	0	0
72813 *Southern Park Maintenance Area	0	139,838	0	0	0	0	0
Replacement of Existing Assets							
72801 DIF Update	0	0	0	3,469	0	0	3,469
Sub-Total - Existing Assets	*0*	*1,072,000*	*0*	*126,983*	*0*	*0*	*3,469*
Total Project Expenses:	**$0**	**$1,072,000**	**$0**	**$126,983**	**$0**	**$0**	**$3,469**
Total FY 2017 Funding:		**$1,072,000**					

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

Project: 72805* - Aquatics Center Improvements (I) **Funding Source:** Development Impact Fees

Project Description: Purchase additional deck chairs to accommodate the spectator areas of the city aquatic facilities to address pool patron and expand the seating adjacent to the pools and to assist parents in their monitoring of children activities.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$5,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$5,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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".

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$15,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$8,000	$0	$0	$0	$0	$0
Arts	$0	$150	$0	$0	$0	$0	$0
TOTAL	**$0**	**$23,150**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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

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".

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$50,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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".

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$0	$110,410	$0	$0	$0
Engineering Charges	$0	$0	$0	$12,000	$0	$0	$0
Arts	$0	$0	$0	$1,104	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$123,514**	**$0**	**$0**	**$0**

Operating Description:

Project: 72809* - Rose Lane Aquatics Storage (I) **Funding Source:** Development Impact Fees

Project Description: This project will include the addition of a prefabricated storage unit at the Rose Lane Aquatics Center. This project complies with the 2011 Parks and Recreation Master Plan secondary action plan recommended major areas of focus according to the priorities and interests of the community to "Revitalize conditions of community and regional parks".

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$15,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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

Project: 72810* - CS Dept 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$245,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$245,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$30,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$30,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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 the1/5/16 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".

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$487,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$32,142	$0	$0	$0	$0	$0
Arts	$0	$4,870	$0	$0	$0	$0	$0
Contingency	$0	$40,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$564,012**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$126,572	$0	$0	$0	$0	$0
Engineering Charges	$0	$12,000	$0	$0	$0	$0	$0
Arts	$0	$1,266	$0	$0	$0	$0	$0
TOTAL	**$0**	**$139,838**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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 facilities portion of the DIF study and updates.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$3,469	$0	$0	$3,469
TOTAL	**$0**	**$0**	**$0**	**$3,469**	**$0**	**$0**	**$3,469**

Operating Description: No additional O and M is needed.

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

		Carryover	New Funding	FY 2017:	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses									
Existing Assets									
Improvement of Existing Assets									
	*Orangewood Vista 1460	0	0	226,536	0	0	0	0
73104	Orangewood Vista 1540	0	0	124,085	0	0	0	0
Replacement of Existing Assets									
73102	DIF Update	0	0	0	3,469	0	0	3,469
	Sub-Total - Existing Assets	*0*	*0*	*350,621*	*3,469*	*0*	*0*	*3,469*
Total Project Expenses:		**$0**	**$0**	**$350,621**	**$3,469**	**$0**	**$0**	**$3,469**
Total FY 2017 Funding:			**$0**					

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

Project: * - Orangewood Vista 1460 (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 1540 in the amount of $124,384.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$210,536	$0	$0	$0	$0
Engineering Charges	$0	$0	$13,895	$0	$0	$0	$0
Arts	$0	$0	$2,105	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$226,536**	**$0**	**$0**	**$0**	**$0**

Operating Description:

Project: 73104 - 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$5,500	$0	$0	$0	$0
Construction	$0	$0	$106,520	$0	$0	$0	$0
Engineering Charges	$0	$0	$11,000	$0	$0	$0	$0
Arts	$0	$0	$1,065	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$124,085**	**$0**	**$0**	**$0**	**$0**

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

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$3,469	$0	$0	$3,469
TOTAL	**$0**	**$0**	**$0**	**$3,469**	**$0**	**$0**	**$3,469**

Operating Description: No additional O and M is needed.

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
73404 Paseo Linear Park Additions	0	0	165,438	0	0	0	0
Replacement of Existing Assets							
73403 DIF Update	0	0	0	3,469	0	0	3,469
Sub-Total - Existing Assets	*0*	*0*	*165,438*	*3,469*	*0*	*0*	*3,469*
Total Project Expenses:	**$0**	**$0**	**$165,438**	**$3,469**	**$0**	**$0**	**$3,469**
Total FY 2017 Funding:		**$0**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$137,000	$0	$0	$0	$0
Engineering Charges	$0	$0	$12,000	$0	$0	$0	$0
Arts	$0	$0	$1,370	$0	$0	$0	$0
Contingency	$0	$0	$15,068	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$165,438**	**$0**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$3,469	$0	$0	$3,469
TOTAL	**$0**	**$0**	**$0**	**$3,469**	**$0**	**$0**	**$3,469**

Operating Description: No additional O and M is needed.

FUND SUMMARY: 1580-DIF-Park Dev Zone 3 — Category: DIF

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Replacement of Existing Assets							
73702 DIF Update	0	0	0	3,469	0	0	3,469
Sub-Total - Existing Assets	*0*	*0*	*0*	*3,469*	*0*	*0*	*3,469*
Total Project Expenses:	**$0**	**$0**	**$0**	**$3,469**	**$0**	**$0**	**$3,469**
Total FY 2017 Funding:		**$0**					

PROJECT DETAIL: 1580-DIF-Park Dev Zone 3 — Category: DIF

Project: **73702 - 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 3 portion of the DIF study and updates.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$3,469	$0	$0	$3,469
TOTAL	**$0**	**$0**	**$0**	**$3,469**	**$0**	**$0**	**$3,469**

Operating Description: No additional O and M is needed.

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
New Assets							
0							
74252 *Western Area Library 1380	0	0	1,755,029	0	0	0	0
Sub-Total - New Assets	*0*	*0*	*1,755,029*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$0**	**$1,755,029**	**$0**	**$0**	**$0**	**$0**
Total FY 2017 Funding:		**$0**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$1,380,000	$0	$0	$0	$0
Engineering Charges	$0	$0	$49,680	$0	$0	$0	$0
Arts	$0	$0	$13,800	$0	$0	$0	$0
Contingency	$0	$0	$311,549	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$1,755,029**	**$0**	**$0**	**$0**	**$0**

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

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Replacement of Existing Assets							
74752 DIF Update	0	0	0	17,563	0	0	17,563
Sub-Total - Existing Assets	*0*	*0*	*0*	*17,563*	*0*	*0*	*17,563*
New Assets							
0							
74751 Library Books - Pop. Growth	0	310,000	310,000	135,029	0	0	0
74755 *Western Area Library 1500	0	328,614	1,046,549	0	0	0	0
Sub-Total - New Assets	*0*	*638,614*	*1,356,549*	*135,029*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$638,614**	**$1,356,549**	**$152,592**	**$0**	**$0**	**$17,563**
Total FY 2017 Funding:		**$638,614**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$17,563	$0	$0	$17,563
TOTAL	**$0**	**$0**	**$0**	**$17,563**	**$0**	**$0**	**$17,563**

Operating Description: No additional O and M is needed.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$310,000	$310,000	$135,029	$0	$0	$0
TOTAL	**$0**	**$310,000**	**$310,000**	**$135,029**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$318,263	$0	$0	$0	$0	$0
Construction	$0	$0	$1,003,861	$0	$0	$0	$0
Engineering Charges	$0	$10,351	$32,649	$0	$0	$0	$0
Arts	$0	$0	$10,039	$0	$0	$0	$0
TOTAL	**$0**	**$328,614**	**$1,046,549**	**$0**	**$0**	**$0**	**$0**

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: 1440-DIF-Police Dept Facilities — Category: DIF

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
New Assets							
0							
12120 *Regional Wireless Cooperative	0	1,148,565	0	0	0	0	0
Sub-Total - New Assets	*0*	*1,148,565*	*0*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$0**	**$1,148,565**	**$0**	**$0**	**$0**	**$0**	**$0**
Total FY 2017 Funding:		**$1,148,565**					

PROJECT DETAIL: 1440-DIF-Police Dept Facilities — Category: DIF

Project: 12120* - Regional Wireless Cooperative (N) **Funding Source:** Development Impact Fees

Project Description: The city gold elite consoles will require upgrade to IP-based radio consoles, including portable and mobile devices. The city's participation in the RWC provides for enhanced service, redundancy and increased coverage for public safety. Most importantly inoperability within city limits and also with valley wide partners is greatly increased.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$1,148,565	$0	$0	$0	$0	$0
TOTAL	**$0**	**$1,148,565**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Replacement of Existing Assets							
77001 DIF Update	0	0	0	15,654	0	0	15,654
Sub-Total - Existing Assets	*0*	*0*	*0*	*15,654*	*0*	*0*	*15,654*
Total Project Expenses:	**$0**	**$0**	**$0**	**$15,654**	**$0**	**$0**	**$15,654**
Total FY 2017 Funding:		**$0**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$15,654	$0	$0	$15,654
TOTAL	**$0**	**$0**	**$0**	**$15,654**	**$0**	**$0**	**$15,654**

Operating Description: No additional O and M is needed.

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

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
60007 Arrwhd Wtr Reclam Fac Imps	6,552,616	25,442,000	0	0	0	0	0
60008 WAWRF Phase IV	910,303	2,368,000	0	0	0	0	0
60016 West Area WRF Improvements	159,729	4,250,000	5,950,000	4,600,000	0	0	0
Replacement of Existing Assets							
60010 Lab Data Management System	50,000	0	0	0	0	0	0
60014 SCADA Study & Replacement	250,000	500,000	0	0	0	0	1,000,000
Sub-Total - Existing Assets	*7,922,648*	*32,560,000*	*5,950,000*	*4,600,000*	*0*	*0*	*1,000,000*
New Assets							
0							
60015 Asset Mangement Program	0	300,000	1,500,000	1,500,000	0	0	0
60017 Integrated Water Master Plan	0	0	0	2,500,000	0	0	0
60018 *Laboratory Equipment	0	80,000	80,000	0	0	0	0
Sub-Total - New Assets	*0*	*380,000*	*1,580,000*	*4,000,000*	*0*	*0*	*0*
Total Project Expenses:	**$7,922,648**	**$32,940,000**	**$7,530,000**	**$8,600,000**	**$0**	**$0**	**$1,000,000**
Total FY 2017 Funding:		**$40,862,648**					

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. These improvements will enable the plant to consistently meet the A+ effluent water quality requirements.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$1,500,000	$0	$0	$0	$0	$0
Construction	$0	$22,000,000	$0	$0	$0	$0	$0
Construction	$6,552,616	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$100,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$122,000	$0	$0	$0	$0	$0
Arts	$0	$220,000	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$1,500,000	$0	$0	$0	$0	$0
TOTAL	**$6,552,616**	**$25,442,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$307,380	$0	$0	$0	$0	$0	$0
Construction	$0	$2,000,000	$0	$0	$0	$0	$0
Construction	$437,633	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$25,800	$0	$0	$0	$0	$0
Finance Charges	$7,500	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$72,000	$0	$0	$0	$0	$0
Engineering Charges	$27,344	$0	$0	$0	$0	$0	$0
Arts	$0	$20,000	$0	$0	$0	$0	$0
Arts	$6,946	$0	$0	$0	$0	$0	$0
Contingency	$123,500	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$250,200	$0	$0	$0	$0	$0
TOTAL	**$910,303**	**$2,368,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$159,729	$0	$0	$0	$0	$0	$0
Design	$0	$4,000,000	$0	$0	$0	$0	$0
Construction	$0	$0	$5,500,000	$4,500,000	$0	$0	$0
Finance Charges	$0	$30,821	$24,179	$0	$0	$0	$0
Engineering Charges	$0	$32,857	$45,179	$36,964	$0	$0	$0
Arts	$0	$0	$55,000	$45,000	$0	$0	$0
Miscellaneous/Other	$0	$186,322	$325,642	$18,036	$0	$0	$0
TOTAL	**$159,729**	**$4,250,000**	**$5,950,000**	**$4,600,000**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$50,000	$0	$0	$0	$0	$0	$0
TOTAL	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

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 controling the treatment processes.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$250,000	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$500,000	$0	$0	$0	$0	$1,000,000
TOTAL	**$250,000**	**$500,000**	**$0**	**$0**	**$0**	**$0**	**$1,000,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$300,000	$1,500,000	$1,500,000	$0	$0	$0
TOTAL	**$0**	**$300,000**	**$1,500,000**	**$1,500,000**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$2,500,000	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$2,500,000**	**$0**	**$0**	**$0**

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

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

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

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$80,000	$80,000	$0	$0	$0	$0
TOTAL	**$0**	**$80,000**	**$80,000**	**$0**	**$0**	**$0**	**$0**

Operating Description:

FUND SUMMARY: 2400-Water — Category: Revenue

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
61023 Water System Security	0	100,000	0	0	0	0	500,000
61024 Cholla Water Plant Process Imp	1,975,989	4,282,000	8,410,000	0	0	0	6,100,000
61043 Pyramid Peak WTP Process Imp.	1,034,852	7,200,000	0	0	0	0	6,100,000
61045 Thunderbird Reservoir Misc. Im	80,000	250,000	0	0	0	0	0
61047 Citywide Meter Vault Imp	1,572,858	1,200,000	0	1,500,000	0	0	1,000,000
61049 Zone 3 Water Supply Imp.	221,187	500,000	0	0	0	0	0
61054 Distrib Sys Imprv - Citywide	500,000	500,000	500,000	500,000	0	0	0
61055 Oasis WTP Improvements	1,425,830	500,000	2,000,000	0	0	0	7,000,000
61060 *67th Ave Water line improv	0	0	0	600,000	1,500,000	0	0
Replacement of Existing Assets							
61001 Fire Hydrant Replacement	200,000	650,000	650,000	650,000	650,000	650,000	3,250,000
61013 Water Line Replacement	2,543,084	2,500,000	3,000,000	2,000,000	2,500,000	2,500,000	10,000,000
61015 Outer Loop Effluent Line	0	0	0	650,000	0	0	0
61048 City Wide Well Rehab	500,000	1,800,000	2,000,000	500,000	0	0	0
Sub-Total - Existing Assets	*10,053,800*	*19,482,000*	*16,560,000*	*6,400,000*	*4,650,000*	*3,150,000*	*33,950,000*
New Assets							
0							
61019 Storage and Recovery Well	0	0	0	0	700,000	2,700,000	3,900,000
61027 Water Line Extension	0	0	0	300,000	1,150,000	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	500,000	500,000	500,000	500,000	500,000	2,500,000
61052 Recharge Storage Assessment	187,000	500,000	1,500,000	0	0	0	0
61056 White Mtn Apache Water Rights	0	0	6,690,580	0	0	0	0
61058 *Pyramid Peak WTP 54MGD Expan	0	8,000,000	42,838,000	0	0	0	0
61059 *Zone 3 Groundwater Wells	0	0	0	0	0	0	4,200,000
Sub-Total - New Assets	*187,000*	*9,000,000*	*51,528,580*	*800,000*	*2,350,000*	*3,200,000*	*53,623,225*
Total Project Expenses:	**$10,240,800**	**$28,482,000**	**$68,088,580**	**$7,200,000**	**$7,000,000**	**$6,350,000**	**$87,573,225**
Total FY 2017 Funding:		**$38,722,800**					

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$100,000	$0	$0	$0	$0	$500,000
TOTAL	**$0**	**$100,000**	**$0**	**$0**	**$0**	**$0**	**$500,000**

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

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

PROJECT DETAIL: 2400-Water — Category: Revenue

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. Construct chlorine gas generation facility in last five years to replace use of 1-ton containers.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$338,261	$0	$0	$0	$0	$0	$0
Design	$0	$1,000,000	$0	$0	$0	$0	$1,000,000
Construction	$1,436,158	$0	$0	$0	$0	$0	$0
Construction	$0	$3,000,000	$8,000,000	$0	$0	$0	$5,000,000
Finance Charges	$0	$27,000	$0	$0	$0	$0	$0
Finance Charges	$22,500	$0	$0	$0	$0	$0	$0
Engineering Charges	$156,423	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$25,556	$51,111	$0	$0	$0	$38,333
Arts	$22,647	$0	$0	$0	$0	$0	$0
Arts	$0	$30,000	$80,000	$0	$0	$0	$50,000
Miscellaneous/Other	$0	$199,444	$278,889	$0	$0	$0	$11,667
TOTAL	**$1,975,989**	**$4,282,000**	**$8,410,000**	**$0**	**$0**	**$0**	**$6,100,000**

Operating Description:

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$1,034,852	$0	$0	$0	$0	$0	$0
Design	$0	$1,200,000	$0	$0	$0	$0	$950,000
Construction	$0	$5,800,000	$0	$0	$0	$0	$5,000,000
Finance Charges	$0	$10,111	$0	$0	$0	$0	$33,889
Engineering Charges	$0	$62,162	$0	$0	$0	$0	$52,838
Arts	$0	$58,000	$0	$0	$0	$0	$50,000
Miscellaneous/Other	$0	$69,727	$0	$0	$0	$0	$13,273
TOTAL	**$1,034,852**	**$7,200,000**	**$0**	**$0**	**$0**	**$0**	**$6,100,000**

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

PROJECT DETAIL: 2400-Water — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$80,000	$0	$0	$0	$0	$0	$0
Construction	$0	$230,000	$0	$0	$0	$0	$0
Finance Charges	$0	$2,500	$0	$0	$0	$0	$0
Engineering Charges	$0	$10,222	$0	$0	$0	$0	$0
Arts	$0	$2,300	$0	$0	$0	$0	$0
Contingency	$0	$4,978	$0	$0	$0	$0	$0
TOTAL	**$80,000**	**$250,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$356,325	$0	$0	$0	$0	$0	$0
Design	$0	$300,000	$0	$400,000	$0	$0	$200,000
Construction	$0	$840,000	$0	$1,000,000	$0	$0	$750,000
Construction	$966,591	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$10,510	$0	$14,100	$0	$0	$14,925
Finance Charges	$16,341	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$21,090	$0	$25,900	$0	$0	$17,575
Engineering Charges	$49,244	$0	$0	$0	$0	$0	$0
Arts	$0	$8,400	$0	$10,000	$0	$0	$7,500
Arts	$10,978	$0	$0	$0	$0	$0	$0
Equipment	$15,081	$0	$0	$0	$0	$0	$0
Contingency	$158,298	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$20,000	$0	$50,000	$0	$0	$10,000
TOTAL	**$1,572,858**	**$1,200,000**	**$0**	**$1,500,000**	**$0**	**$0**	**$1,000,000**

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

PROJECT DETAIL: 2400-Water — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$221,187	$0	$0	$0	$0	$0	$0
Construction	$0	$450,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$29,700	$0	$0	$0	$0	$0
Arts	$0	$4,500	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$15,800	$0	$0	$0	$0	$0
TOTAL	**$221,187**	**$500,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$200,000	$0	$0	$0	$0	$0	$0
Construction	$0	$450,000	$450,000	$450,000	$0	$0	$0
Construction	$262,250	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$16,200	$16,200	$16,200	$0	$0	$0
Engineering Charges	$32,250	$0	$0	$0	$0	$0	$0
Arts	$5,500	$0	$0	$0	$0	$0	$0
Arts	$0	$4,500	$4,500	$4,500	$0	$0	$0
Miscellaneous/Other	$0	$29,300	$29,300	$29,300	$0	$0	$0
TOTAL	**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$0**	**$0**	**$0**

Operating Description:

PROJECT DETAIL: 2400-Water — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$400,000	$0	$0	$0	$0	$1,200,000
Design	$1,420,830	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$1,900,000	$0	$0	$0	$5,500,000
Construction	$5,000	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$54,619	$0	$0	$0	$0	$32,881
Engineering Charges	$0	$4,111	$19,528	$0	$0	$0	$68,861
Arts	$0	$0	$19,000	$0	$0	$0	$55,000
Miscellaneous/Other	$0	$41,270	$61,472	$0	$0	$0	$143,258
TOTAL	**$1,425,830**	**$500,000**	**$2,000,000**	**$0**	**$0**	**$0**	**$7,000,000**

Operating Description:

Project: 61060* - 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$550,000	$0	$0	$0
Construction	$0	$0	$0	$0	$1,400,000	$0	$0
Engineering Charges	$0	$0	$0	$15,125	$38,500	$0	$0
Arts	$0	$0	$0	$0	$14,000	$0	$0
Miscellaneous/Other	$0	$0	$0	$34,875	$47,500	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$600,000**	**$1,500,000**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$125,000	$125,000	$125,000	$125,000	$125,000	$625,000
Construction	$200,000	$0	$0	$0	$0	$0	$0
Construction	$0	$487,500	$487,500	$487,500	$487,500	$487,500	$2,437,500
Finance Charges	$0	$23,375	$23,375	$23,375	$23,375	$23,375	$116,875
Engineering Charges	$0	$9,250	$9,250	$9,250	$9,250	$9,250	$46,250
Arts	$0	$4,875	$4,875	$4,875	$4,875	$4,875	$24,375
TOTAL	**$200,000**	**$650,000**	**$650,000**	**$650,000**	**$650,000**	**$650,000**	**$3,250,000**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$649,196	$0	$0	$0	$0	$0	$0
Design	$0	$200,000	$300,000	$200,000	$500,000	$500,000	$2,500,000
Construction	$1,714,061	$0	$0	$0	$0	$0	$0
Construction	$0	$2,200,000	$2,500,000	$1,700,000	$1,900,000	$1,900,000	$7,276,111
Finance Charges	$33,944	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$11,010	$54,481	$9,208	$10,000	$10,000	$85,329
Engineering Charges	$127,883	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$13,508	$15,759	$10,694	$13,508	$13,508	$55,023
Arts	$0	$22,000	$25,000	$17,000	$19,000	$19,000	$72,761
Arts	$18,000	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$53,482	$104,760	$63,098	$57,492	$57,492	$10,776
TOTAL	**$2,543,084**	**$2,500,000**	**$3,000,000**	**$2,000,000**	**$2,500,000**	**$2,500,000**	**$10,000,000**

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

Project: 61015 - Outer Loop Effluent Line (R) **Funding Source:** Water & Sewer Revenues

Project Description: Evaluate and recommend rehabilitation requirements of the effluent transmission line from the Arrowhead Ranch Water Reclamation Facility (ARWRF) .

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$100,000	$0	$0	$0
Construction	$0	$0	$0	$500,000	$0	$0	$0
Finance Charges	$0	$0	$0	$15,600	$0	$0	$0
Engineering Charges	$0	$0	$0	$29,400	$0	$0	$0
Arts	$0	$0	$0	$5,000	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$650,000**	**$0**	**$0**	**$0**

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

PROJECT DETAIL: 2400-Water — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$350,000	$300,000	$0	$0	$0	$0
Design	$100,000	$0	$0	$0	$0	$0	$0
Construction	$0	$1,100,000	$1,500,000	$400,000	$0	$0	$0
Construction	$300,000	$0	$0	$0	$0	$0	$0
Finance Charges	$4,500	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$26,825	$33,300	$7,400	$0	$0	$0
Engineering Charges	$17,200	$0	$0	$0	$0	$0	$0
Arts	$3,000	$0	$0	$0	$0	$0	$0
Arts	$0	$11,000	$15,000	$4,000	$0	$0	$0
Contingency	$75,300	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$312,175	$151,700	$88,600	$0	$0	$0
TOTAL	**$500,000**	**$1,800,000**	**$2,000,000**	**$500,000**	**$0**	**$0**	**$0**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$675,000	$25,000	$900,000
Construction	$0	$0	$0	$0	$0	$2,500,000	$2,800,000
Engineering Charges	$0	$0	$0	$0	$9,049	$33,850	$49,601
Arts	$0	$0	$0	$0	$0	$25,000	$28,000
Miscellaneous/Other	$0	$0	$0	$0	$15,951	$116,150	$122,399
TOTAL	**$0**	**$0**	**$0**	**$0**	**$700,000**	**$2,700,000**	**$3,900,000**

Operating Description:

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$290,000	$100,000	$0	$0
Construction	$0	$0	$0	$0	$1,000,000	$0	$0
Finance Charges	$0	$0	$0	$1,029	$5,971	$0	$0
Engineering Charges	$0	$0	$0	$8,971	$34,029	$0	$0
Arts	$0	$0	$0	$0	$10,000	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$300,000**	**$1,150,000**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$43,023,225**

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

Project: 61051 - Accural 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$500,000	$500,000	$500,000	$500,000	$500,000	$2,500,000
TOTAL	**$0**	**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$2,500,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$186,000	$0	$0	$0	$0	$0	$0
Design	$0	$450,000	$0	$0	$0	$0	$0
Construction	$0	$0	$1,300,000	$0	$0	$0	$0
Engineering Charges	$0	$12,375	$35,750	$0	$0	$0	$0
Engineering Charges	$1,000	$0	$0	$0	$0	$0	$0
Arts	$0	$0	$13,000	$0	$0	$0	$0
Miscellaneous/Other	$0	$37,625	$151,250	$0	$0	$0	$0
TOTAL	**$187,000**	**$500,000**	**$1,500,000**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$6,690,580	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$6,690,580**	**$0**	**$0**	**$0**	**$0**

Operating Description:

Project: 61058* - Pyramid Peak WTP 54MGD Expan (N) **Funding Source:** Water & Sewer Revenues

Project Description: Expand plant treatment capacity to 54 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$7,500,000	$1,252,000	$0	$0	$0	$0
Construction	$0	$0	$37,510,000	$0	$0	$0	$0
Finance Charges	$0	$224,716	$0	$0	$0	$0	$0
Engineering Charges	$0	$28,875	$149,234	$0	$0	$0	$0
Arts	$0	$0	$375,100	$0	$0	$0	$0
Miscellaneous/Other	$0	$246,409	$3,551,666	$0	$0	$0	$0
TOTAL	**$0**	**$8,000,000**	**$42,838,000**	**$0**	**$0**	**$0**	**$0**

Operating Description:

PROJECT DETAIL: 2400-Water — Category: Revenue

Project: **61059* - Zone 3 Groundwater Wells (N)** **Funding Source:** Water & Sewer Revenues

Project Description: Study and recommend possible groundwater wells in pressure zone 3. Then construct well sites and connection to distribution system.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$0	$0	$300,000
Construction	$0	$0	$0	$0	$0	$0	$3,300,000
Finance Charges	$0	$0	$0	$0	$0	$0	$400
Engineering Charges	$0	$0	$0	$0	$0	$0	$66,600
Arts	$0	$0	$0	$0	$0	$0	$33,000
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$4,200,000**

Operating Description:

FUND SUMMARY: 2420-Sewer — Category: Revenue

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
Existing Assets								
Improvement of Existing Assets								
63006	Arrowhead Sewer Lines	654,900	350,000	1,000,000	5,000,000	0	0	0
63010	91st Ave. Construction	0	1,023,000	710,000	528,000	500,000	500,000	2,500,000
T3613	Lift Station Recond. Program	0	500,000	500,000	500,000	0	0	2,000,000
Replacement of Existing Assets								
63003	99th Ave Interceptor Line	0	1,100,000	0	0	0	0	0
63016	Sewer Line Replacement	2,355,695	4,900,000	0	1,500,000	1,000,000	4,000,000	6,000,000
63024	Citywide Manhole Rehab	723,651	650,000	650,000	650,000	650,000	650,000	3,250,000
63026	Arrowhead Sewer Lines-phase 2	0	0	0	0	1,100,000	4,550,000	0
63027	Arrowhead Sewer Lines-phase 3	0	0	0	0	0	0	6,650,000
Sub-Total - Existing Assets		*3,734,246*	*8,523,000*	*2,860,000*	*8,178,000*	*3,250,000*	*9,700,000*	*20,400,000*
New Assets								
0								
63008	Sewers for Areas on Septic Sys	0	50,000	0	0	0	0	0
63017	Sewer Line Extension	0	0	600,000	1,400,000	0	0	0
63028	*95th Avenue Sewer Imprv	0	0	0	0	300,000	2,500,000	0
63029	*Sewer vactor truck	0	0	0	400,000	0	0	800,000
T3611	Glendale Ave 93rd-99th Ave	0	0	0	0	0	0	3,500,000
Sub-Total - New Assets		*0*	*50,000*	*600,000*	*1,800,000*	*300,000*	*2,500,000*	*4,300,000*
Total Project Expenses:		**$3,734,246**	**$8,573,000**	**$3,460,000**	**$9,978,000**	**$3,550,000**	**$12,200,000**	**$24,700,000**
Total FY 2017 Funding:			**$12,307,246**					

PROJECT DETAIL: 2420-Sewer — Category: Revenue

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

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$300,000	$750,000	$0	$0	$0	$0
Design	$350,000	$0	$0	$0	$0	$0	$0
Construction	$254,900	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$4,800,000	$0	$0	$0
Finance Charges	$4,500	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$0	$60,125	$0	$0	$0	$0
Engineering Charges	$19,276	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$4,744	$11,859	$75,897	$0	$0	$0
Arts	$0	$0	$0	$48,000	$0	$0	$0
Arts	$3,000	$0	$0	$0	$0	$0	$0
Contingency	$23,224	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$45,256	$178,016	$76,103	$0	$0	$0
TOTAL	**$654,900**	**$350,000**	**$1,000,000**	**$5,000,000**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$1,023,000	$710,000	$528,000	$500,000	$500,000	$2,500,000
TOTAL	**$0**	**$1,023,000**	**$710,000**	**$528,000**	**$500,000**	**$500,000**	**$2,500,000**

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

Project: T3613 - 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$400,000	$0	$0	$0	$0	$400,000
Construction	$0	$0	$400,000	$400,000	$0	$0	$1,300,000
Engineering Charges	$0	$7,586	$7,586	$7,586	$0	$0	$32,241
Arts	$0	$0	$4,000	$4,000	$0	$0	$13,000
Miscellaneous/Other	$0	$92,414	$88,414	$88,414	$0	$0	$254,759
TOTAL	**$0**	**$500,000**	**$500,000**	**$500,000**	**$0**	**$0**	**$2,000,000**

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

PROJECT DETAIL: 2420-Sewer — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$1,100,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$1,100,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is needed.

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$130,000	$0	$0	$0	$0	$0	$0
Design	$0	$350,000	$0	$400,000	$45,000	$900,000	$1,100,000
Construction	$2,128,734	$0	$0	$0	$0	$0	$0
Construction	$0	$4,400,000	$0	$1,000,000	$900,000	$3,000,000	$4,700,000
Finance Charges	$34,352	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$19,000	$0	$7,000	$4,800	$20,000	$29,000
Engineering Charges	$44,809	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$32,525	$0	$9,586	$6,471	$26,704	$39,714
Arts	$0	$44,000	$0	$10,000	$9,000	$30,000	$47,000
Arts	$17,800	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$54,475	$0	$73,414	$34,729	$23,296	$84,286
TOTAL	**$2,355,695**	**$4,900,000**	**$0**	**$1,500,000**	**$1,000,000**	**$4,000,000**	**$6,000,000**

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

PROJECT DETAIL: 2420-Sewer — Category: Revenue

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

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

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$75,000	$75,000	$75,000	$75,000	$75,000	$375,000
Design	$75,000	$0	$0	$0	$0	$0	$0
Construction	$547,859	$0	$0	$0	$0	$0	$0
Construction	$0	$500,000	$500,000	$500,000	$500,000	$500,000	$2,500,000
Finance Charges	$0	$7,820	$7,820	$7,820	$7,820	$7,820	$39,100
Finance Charges	$15,640	$0	$0	$0	$0	$0	$0
Engineering Charges	$17,631	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$9,250	$9,250	$9,250	$9,250	$9,250	$46,250
Arts	$14,591	$0	$0	$0	$0	$0	$0
Arts	$0	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000
Contingency	$52,930	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$52,930	$52,930	$52,930	$52,930	$52,930	$264,650
TOTAL	**$723,651**	**$650,000**	**$650,000**	**$650,000**	**$650,000**	**$650,000**	**$3,250,000**

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$1,000,000	$0	$0
Construction	$0	$0	$0	$0	$0	$4,200,000	$0
Engineering Charges	$0	$0	$0	$0	$17,788	$74,712	$0
Arts	$0	$0	$0	$0	$0	$42,000	$0
Miscellaneous/Other	$0	$0	$0	$0	$82,212	$233,288	$0
TOTAL	**$0**	**$0**	**$0**	**$0**	**$1,100,000**	**$4,550,000**	**$0**

Operating Description:

PROJECT DETAIL: 2420-Sewer — Category: Revenue

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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	$92,500
Arts	$0	$0	$0	$0	$0	$0	$40,000
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$990,500
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$6,650,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$9,730	$0	$0	$0	$0	$0
Construction	$0	$35,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$4,920	$0	$0	$0	$0	$0
Arts	$0	$350	$0	$0	$0	$0	$0
TOTAL	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$600,000	$1,400,000	$0	$0	$0
TOTAL	**$0**	**$0**	**$600,000**	**$1,400,000**	**$0**	**$0**	**$0**

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

PROJECT DETAIL: 2420-Sewer — Category: Revenue

Project: 63028* - 95th Avenue Sewer Imprv (N) **Funding Source:** Water & Sewer Revenues

Project Description: Design and construct parallel 18" sewer line along 95th Ave from Glendale road to the south to tie into the existing 24" line.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$285,000	$0	$0
Construction	$0	$0	$0	$0	$0	$2,400,000	$0
Finance Charges	$0	$0	$0	$0	$1,500	$12,000	$0
Engineering Charges	$0	$0	$0	$0	$5,838	$49,162	$0
Arts	$0	$0	$0	$0	$0	$24,000	$0
Miscellaneous/Other	$0	$0	$0	$0	$7,662	$14,838	$0
TOTAL	**$0**	**$0**	**$0**	**$0**	**$300,000**	**$2,500,000**	**$0**

Operating Description:

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$400,000	$0	$0	$800,000
TOTAL	**$0**	**$0**	**$0**	**$400,000**	**$0**	**$0**	**$800,000**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,500,000**

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

FUND SUMMARY: 2210-Transportation Construction — Category: Transportation

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
Existing Assets								
Improvement of Existing Assets								
65005	Smart Traffic Signals	353,000	329,850	0	528,318	0	0	0
65006	Bus Pullouts	0	0	0	327,175	335,223	343,369	1,841,663
65016	Northern Parkway	0	666,247	666,247	666,247	666,247	666,247	5,557,465
65022	Transp. Prog. Engr. Consultant	0	255,250	261,350	270,687	276,642	281,116	1,507,770
65023	*59th Avenue Improvements	0	0	0	0	0	0	36,612,157
65042	*51st Ave & Bell Rd	0	0	0	0	0	0	1,440,153
65051	*59th Avenue Safety	0	0	0	0	0	0	5,416,547
65069	Glendale Transportation Plan	0	0	0	0	0	0	890,936
65078	Airport Matching Funds	783,585	256,694	51,716	141,539	92,271	14,067	0
65089	Pavement Management	2,589,039	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
65096	*59th Ave & Olive Ave Safety	0	0	454,564	0	0	0	0
Replacement of Existing Assets								
65014	Transit Support Capital	0	54,160	58,900	9,900	0	0	78,825
65083	Speed Cushions	0	140,000	140,000	0	0	0	0
Sub-Total - Existing Assets		*3,725,624*	*3,702,201*	*3,632,777*	*3,943,866*	*3,370,383*	*3,304,799*	*63,345,516*
New Assets								
0								
65017	Light Rail Design/Construction	0	0	0	0	0	231,363	101,408,286
65030	Multi-Use Pathway Grand Canal	100,000	0	0	0	0	0	0
65063	New River - Multi-use Pathway	1,606,806	0	0	0	0	0	0
65080	Bell/101 Park&Ride/Transit Ctr	1,277,975	0	0	0	0	0	0
65091	Airport RPZ Acquisition	0	1,850,000	1,850,000	1,850,000	0	0	0
65097	New River North Shareduse Path	0	0	247,431	0	0	0	0
65098	Widen 55th Ave for bike lanes	74,744	252,765	0	0	0	0	0
65099	Neighborhood Pathways Connect	30,000	0	234,456	0	0	0	0
65100	*Transit Study - Light Rail	0	1,000,000	0	0	0	0	0
65101	*Sidewalk and Curb Improvements	0	136,900	186,271	124,866	155,699	0	0
Sub-Total - New Assets		*3,089,525*	*3,239,665*	*2,518,158*	*1,974,866*	*155,699*	*231,363*	*101,408,286*
Total Project Expenses:		**$6,815,149**	**$6,941,866**	**$6,150,935**	**$5,918,732**	**$3,526,082**	**$3,536,162**	**$164,753,802**
Total FY 2017 Funding:			**$13,757,015**					

PROJECT DETAIL: 2210-Transportation Construction — Category: Transportation

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

PROJECT DETAIL: 2210-Transportation Construction — Category: Transportation

Project: 65005 - Smart Traffic Signals (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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$353,000	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$329,850	$0	$528,318	$0	$0	$0
TOTAL	**$353,000**	**$329,850**	**$0**	**$528,318**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$327,175	$335,223	$343,369	$1,841,663
TOTAL	**$0**	**$0**	**$0**	**$327,175**	**$335,223**	**$343,369**	**$1,841,663**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$666,247	$666,247	$666,247	$666,247	$666,247	$5,557,465
TOTAL	**$0**	**$666,247**	**$666,247**	**$666,247**	**$666,247**	**$666,247**	**$5,557,465**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$255,250	$261,350	$270,687	$276,642	$281,116	$1,507,770
TOTAL	**$0**	**$255,250**	**$261,350**	**$270,687**	**$276,642**	**$281,116**	**$1,507,770**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$0	$0	$0	$0	$0	$1,750,000
Design	$0	$0	$0	$0	$0	$0	$3,500,000
Construction	$0	$0	$0	$0	$0	$0	$29,000,000
Engineering Charges	$0	$0	$0	$0	$0	$0	$125,125
Arts	$0	$0	$0	$0	$0	$0	$290,000
Contingency	$0	$0	$0	$0	$0	$0	$1,947,032
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$36,612,157**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,440,153**

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.

PROJECT DETAIL: 2210-Transportation Construction — Category: Transportation

Project: 65051* - 59th Avenue Safety (I) — **Funding Source:** Half Cent Sales Tax

Project Description: 59th Avenue intersections improvement at Bethany Home and Camelback roads. Improvements include addition of turn lanes, medians, landscaping, pullouts and shelters at bus stops.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$0	$0	$812,000
Construction	$0	$0	$0	$0	$0	$0	$4,250,000
Engineering Charges	$0	$0	$0	$0	$0	$0	$92,500
Arts	$0	$0	$0	$0	$0	$0	$42,500
Contingency	$0	$0	$0	$0	$0	$0	$219,547
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$5,416,547**

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.

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$13,364
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$877,572
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$890,936**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$15,645	$0	$0	$0	$13,410	$0
Construction	$783,585	$0	$0	$0	$0	$0	$0
Construction	$0	$226,895	$48,835	$133,653	$87,131	$0	$0
Engineering Charges	$0	$11,885	$2,393	$6,549	$4,269	$657	$0
Arts	$0	$2,269	$488	$1,337	$871	$0	$0
TOTAL	**$783,585**	**$256,694**	**$51,716**	**$141,539**	**$92,271**	**$14,067**	**$0**

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 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$2,589,039	$0	$0	$0	$0	$0	$0
Construction	$0	$1,912,046	$1,912,046	$1,912,046	$1,912,046	$1,912,046	$9,560,230
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
Contingency	$0	$51,626	$51,626	$51,626	$51,626	$51,626	$258,126
TOTAL	**$2,589,039**	**$2,000,000**	**$2,000,000**	**$2,000,000**	**$2,000,000**	**$2,000,000**	**$10,000,000**

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

Project: 65096* - 59th Ave & Olive Ave Safety (I) — **Funding Source:** Half Cent Sales Tax

Project Description: This project includes the local match necessary to acquire right-of-way and construct intersection safety improvements at the 59th and Olive avenues intersection. Improvements include installation of center medians and street lights, along with reconfiguration of the eastbound and westbound bus bays, traffic signal modifications, and sidewalk enhancements. Federal safety funds in the amount of $1,495,528 are available for this portion of the project.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$454,564	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$454,564**	**$0**	**$0**	**$0**	**$0**

Operating Description: This project is to make safety enhancements to the existing intersection. No additional O and M is anticipated based on current information.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$54,160	$58,900	$9,900	$0	$0	$78,825
TOTAL	**$0**	**$54,160**	**$58,900**	**$9,900**	**$0**	**$0**	**$78,825**

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.

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$140,000	$140,000	$0	$0	$0	$0
TOTAL	**$0**	**$140,000**	**$140,000**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is needed.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$1,498,645
Miscellaneous/Other	$0	$0	$0	$0	$0	$231,363	$99,909,641
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$231,363**	**$101,408,286**

Operating Description: A supplemental budget request will be submitted once the project is near completion in FY 2026.

Project: 65030 - Multi-Use Pathway Grand Canal (N) **Funding Source:** Half Cent Sales Tax

Project Description: This project is to construct a 1.3 mile long multiuse path from just east of the Loop 101 Freeway to New River. The project will provide a safe and convenient, off-street facility for bicyclists and pedestrians that extends the existing Grand Canal Linear Park path to the future New River pathway. Additional federal funds have also been awarded towards this project. Capital costs include local funds to match $632,222 in federal funds available towards this project.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$100,000	$0	$0	$0	$0	$0	$0
TOTAL	**$100,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: O and M associated with the maintenance a 30 foot wide landscaped area along a 6,300 foot long multiuse pathway. A supplemental budget request will be submitted once the project is near completion.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Utilities	$194,670	$200,510	$206,530	$212,720	$0	$1,163,250
Landscape	$233,600	$240,610	$247,830	$255,270	$0	$1,395,900

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$1,606,806	$0	$0	$0	$0	$0	$0
TOTAL	**$1,606,806**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Utilities	$100,530	$103,540	$106,650	$109,850	$0	$600,700
Landscape	$120,630	$124,250	$127,980	$131,820	$0	$720,840

PROJECT DETAIL: 2210-Transportation Construction — Category: Transportation

Project: 65080 - Bell/101 Park&Ride/Transit Ctr (N) — **Funding Source:** Half Cent Sales Tax

Project Description: This project will construct a transit center and a park-and-ride facility in the Bell Rd and Loop 101 area to serve the needs of transit passengers from multiple bus routes including express service. Federal funds have been secured for this project.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$1,277,975	$0	$0	$0	$0	$0	$0
TOTAL	**$1,277,975**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: There are no direct O and M costs to the City of Glendale related to this project. The facility will be maintained by other parties.

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$1,850,000	$1,850,000	$1,850,000	$0	$0	$0
TOTAL	**$0**	**$1,850,000**	**$1,850,000**	**$1,850,000**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$247,431	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$247,431**	**$0**	**$0**	**$0**	**$0**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Utilities	$0	$20,000	$20,600	$21,220	$0	$116,030
Landscape	$0	$24,000	$24,720	$25,460	$0	$139,230

PROJECT DETAIL: 2210-Transportation Construction — Category: Transportation

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$104,837	$0	$0	$0	$0	$0
Finance Charges	$3,710	$0	$0	$0	$0	$0	$0
Contingency	$0	$20,000	$0	$0	$0	$0	$0
Miscellaneous/Other	$71,034	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$127,928	$0	$0	$0	$0	$0
TOTAL	**$74,744**	**$252,765**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: There is no additional O and M anticipated due to this project.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Contingency	$30,000	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$0	$234,456	$0	$0	$0	$0
TOTAL	**$30,000**	**$0**	**$234,456**	**$0**	**$0**	**$0**	**$0**

Operating Description: O and M associated with approximately 1,000 sq ft of additional landscape maintenance and irrigation.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$1,000,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$1,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: This is a study project, which will not create O & M costs.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$0	$0	$6,000	$0	$0	$0
Design	$0	$100,000	$100,000	$52,000	$0	$0	$0
Construction	$0	$0	$42,844	$30,990	$147,025	$0	$0
Engineering Charges	$0	$4,900	$6,999	$4,066	$7,204	$0	$0
Arts	$0	$0	$428	$310	$1,470	$0	$0
Equipment	$0	$2,000	$6,000	$1,500	$0	$0	$0
Miscellaneous/Other	$0	$30,000	$30,000	$30,000	$0	$0	$0
TOTAL	**$0**	**$136,900**	**$186,271**	**$124,866**	**$155,699**	**$0**	**$0**

Operating Description: Installation of missing curb, gutter, and sidewalk along existing roadways.

FUND SUMMARY: 2000-HURF/Street Bonds — Category: HURF

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
68917 Pavement Management-HURF	13,788,329	7,007,373	4,307,373	3,257,128	3,257,128	3,057,128	16,285,640
68920 *Street Lighting ROAM Upgrade	0	0	1,584,000	0	0	0	0
Sub-Total - Existing Assets	*13,788,329*	*7,007,373*	*5,891,373*	*3,257,128*	*3,257,128*	*3,057,128*	*16,285,640*
New Assets							
0							
68918 Infill Lighting Program	0	242,872	242,872	242,872	242,872	242,872	1,377,095
68919 *Street Lighting LED Conversion	0	0	0	0	0	0	5,730,000
Sub-Total - New Assets	*0*	*242,872*	*242,872*	*242,872*	*242,872*	*242,872*	*7,107,095*
Total Project Expenses:	**$13,788,329**	**$7,250,245**	**$6,134,245**	**$3,500,000**	**$3,500,000**	**$3,300,000**	**$23,392,735**
Total FY 2017 Funding:		**$21,038,574**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$13,788,329	$0	$0	$0	$0	$0	$0
Construction	$0	$6,850,000	$4,150,000	$3,099,755	$3,099,755	$2,899,755	$15,498,775
Finance Charges	$0	$57,500	$57,500	$57,500	$57,500	$57,500	$287,500
Engineering Charges	$0	$26,373	$26,373	$26,373	$26,373	$26,373	$131,865
Arts	$0	$68,500	$68,500	$68,500	$68,500	$68,500	$342,500
Miscellaneous/Other	$0	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000
TOTAL	**$13,788,329**	**$7,007,373**	**$4,307,373**	**$3,257,128**	**$3,257,128**	**$3,057,128**	**$16,285,640**

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

PROJECT DETAIL: 2000-HURF/Street Bonds — Category: HURF

Project: 68920* - Street Lighting ROAM Upgrade (I) **Funding Source:** HURF Bonds

Project Description: The streetlight monitoring contract with ROAM (Remote Operations Asset Management) has allowed the city to improve the performance of the street lighting program while reducing staff and routinely maintaining streetlight outages at less than one percent. Technological changes require 17,000 monitoring photocells supplied exclusively through ROAM to be replaced with upgraded photocells.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$1,500,000	$0	$0	$0	$0
Finance Charges	$0	$0	$15,000	$0	$0	$0	$0
Engineering Charges	$0	$0	$54,000	$0	$0	$0	$0
Arts	$0	$0	$15,000	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$1,584,000**	**$0**	**$0**	**$0**	**$0**

Operating Description: The annually expenses of $25,000 will cover the cost increase of .$0.10 per node. (20,500 nodes).

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$230,000	$230,000	$230,000	$230,000	$230,000	$1,270,630
Finance Charges	$0	$3,731	$3,731	$3,731	$3,731	$3,731	$55,965
Engineering Charges	$0	$6,841	$6,841	$6,841	$6,841	$6,841	$37,794
Arts	$0	$2,300	$2,300	$2,300	$2,300	$2,300	$12,706
TOTAL	**$0**	**$242,872**	**$242,872**	**$242,872**	**$242,872**	**$242,872**	**$1,377,095**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$0	$0	$0	$0	$0	$0	$5,730,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$5,730,000**

Operating Description:

FUND SUMMARY: 1650-Transportation Grants — Category: Other

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
New Assets								
0								
67505	CIP Transport. Grant Reserve	0	150,000	0	0	0	0	0
67537	FTA X006 Predesign ArrowheadTC	143,837	0	0	0	0	0	0
67538	FTA 0203 Design ArrowheadTC	1,052,874	0	0	0	0	0	0
67552	FTA AZ-57-X016 New Freedom	124,585	0	0	0	0	0	0
67553	FTA AZ-90-X114	454,386	0	0	0	0	0	0
67556	FTA AZ 90-X124	420,180	0	0	0	0	0	0
67559	Park-and-Ride Land Acquisition	4,318,923	0	0	0	0	0	0
67560	Transit Construct-Park & Ride	8,478,223	0	0	0	0	0	0
	Sub-Total - New Assets	*14,993,008*	*150,000*	*0*	*0*	*0*	*0*	*0*
	Total Project Expenses:	**$14,993,008**	**$150,000**	**$0**	**$0**	**$0**	**$0**	**$0**
	Total FY 2017 Funding:		**$15,143,008**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$150,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$150,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is needed.

Project: 67537 - FTA X006 Predesign ArrowheadTC (N) **Funding Source:** Grants

Project Description: North Glendale is currently served by multiple transit routes including two express routes, and three local routes. These routes provide regional service to the northwest valley. Many of the routes start/end in the area of Loop 101 and Bell Road. This project will provide the predesign for a centralized facility for routes serving the area to provide transit patron parking, and to promote improved bus flow and accessibility for patrons using the routes serving the area. This project is funded with $635,896 FTA funds received in FY 2011.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$143,837	$0	$0	$0	$0	$0	$0
TOTAL	**$143,837**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: O and M costs identified are for both park-and-ride and transit center. $10,000 for maintenance of river bottom and $14,500 for maintenance of transit center pavement.

PROJECT DETAIL: 1650-Transportation Grants — Category: Other

Project: 67538 - FTA 0203 Design ArrowheadTC (N) **Funding Source:** Grants

Project Description: North Glendale is currently served by multiple transit routes, including two express routes and three local routes. These routes provide regional service to the northwest valley. Many of the routes start/end in the area of Loop 101 and Bell Road. This project will provide the design for a centralized facility for routes serving the area to provide transit patron parking and to promote improved bus flow and accessibility for patrons using the routes serving the area. This project is funded with $840,366 FTA funds received in FY 2012.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$718,348	$0	$0	$0	$0	$0	$0
Equipment	$334,526	$0	$0	$0	$0	$0	$0
TOTAL	**$1,052,874**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: O and M costs identified are for both park-and-ride and transit center. $10,000 for maintenance of river bottom and $14,500 for maintenance of transit center pavement.

Project: 67552 - FTA AZ-57-X016 New Freedom (N) **Funding Source:** Grants

Project Description: This project includes bus stop accessibility and taxi voucher program assistance. The bus stop accessibility project includes solar lights at bus stops that need to be repaired and bringing existing ADA non-compliant stops into compliance. The project also will pay for some of the City's existing taxi subsidy program costs. The taxi subsidy program pays for a part of an individual's transportation costs with medical needs when utilizing the identified vendor. A $286,500 federal New Freedoms grant pays for this project.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$124,585	$0	$0	$0	$0	$0	$0
TOTAL	**$124,585**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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

Project: 67553 - FTA AZ-90-X114 (N) **Funding Source:** Grants

Project Description: This project includes four replacement buses and associated maintenance for transit services in Glendale. Glendale Urban Shuttle will get two replacement buses and the other two buses will replace existing Dial-A-Ride buses. Federal funds in the amount of $756,886 and regional sales tax funds in the amount of $80,000 will pay for this project.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$454,386	$0	$0	$0	$0	$0	$0
TOTAL	**$454,386**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O and M is needed for this project. These are replacement buses that are currently being maintained.

PROJECT DETAIL: 1650-Transportation Grants — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
	$216,056	$0	$0	$0	$0	$0	$0
Equipment	$204,124	$0	$0	$0	$0	$0	$0
TOTAL	**$420,180**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: No additional O & M funds needed. The project replaces existing buses that are being maintained.

Project: 67559 - Park-and-Ride Land Acquisition (N) **Funding Source:** Grants

Project Description: Acquisition of land for the construction of a park-and-ride lot in the vicinity of Loop 101 & Union Hills Drive. The site is located on the west side of Loop 101 between Union Hills Drive and Beardsley Road. This acquisition will proceed once Federal Transit Administration (FTA) approval is received. The project funding includes $3,514,570 from FTA and $804,353 in regional transit funds.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$4,318,923	$0	$0	$0	$0	$0	$0
TOTAL	**$4,318,923**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: There is no staffing planned for this park-and-ride location. There will be O and M costs associated with the construction project.

Project: 67560 - Transit Construct-Park & Ride (N) **Funding Source:** Grants

Project Description: This project is to construct a park-and-ride lot and a transit center in north Glendale. The site selected for the park-and-ride lot is located on the west side of Loop 101 between Union Hills Drive and Beardsley Road. The transit center related construction improvements will be done near the north side of the Arrowhead Mall.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$8,275,468	$0	$0	$0	$0	$0	$0
Engineering Charges	$120,000	$0	$0	$0	$0	$0	$0
Arts	$82,755	$0	$0	$0	$0	$0	$0
TOTAL	**$8,478,223**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: The O and M costs for this project will be developed once the project design starts in FY 2015. This information will be provided as soon as it becomes available. The O and M request will be included in the Transportation sales tax funded Program.

FUND SUMMARY: 2480-Sanitation — Category: Other

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Replacement of Existing Assets							
78001 Rolloff Trucks-Commercial	0	0	0	0	182,741	0	186,672
78002 Frontload Trucks-Commercial	442,306	0	291,174	294,389	404,437	300,619	1,552,030
78003 Sideload Trucks-Residential	1,619,181	0	830,154	1,323,884	1,130,680	857,082	5,604,931
78004 Loose Trash Equip.-Residential	0	343,814	604,070	518,646	354,959	358,763	2,669,920
78005 Repl Pickup Trucks-Sanitation	127,010	0	130,726	0	0	0	0
Sub-Total - Existing Assets	*2,188,497*	*343,814*	*1,856,124*	*2,136,919*	*2,072,817*	*1,516,464*	*10,013,553*
New Assets							
0							
78006 *Sanitation Office Space Study	0	49,950	0	0	0	0	0
78007 *Solid Waste Information System	0	400,000	0	0	0	0	0
Sub-Total - New Assets	*0*	*449,950*	*0*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$2,188,497**	**$793,764**	**$1,856,124**	**$2,136,919**	**$2,072,817**	**$1,516,464**	**$10,013,553**
Total FY 2017 Funding:		**$2,982,261**					

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$2,741	$0	$2,800
Equipment	$0	$0	$0	$0	$180,000	$0	$183,872
TOTAL	**$0**	**$0**	**$0**	**$0**	**$182,741**	**$0**	**$186,672**

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

PROJECT DETAIL: 2480-Sanitation — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$4,367	$4,414	$5,976	$4,509	$23,278
Finance Charges	$10,650	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$286,807	$289,975	$398,461	$296,110	$1,528,752
Equipment	$431,656	$0	$0	$0	$0	$0	$0
TOTAL	**$442,306**	**$0**	**$291,174**	**$294,389**	**$404,437**	**$300,619**	**$1,552,030**

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

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$40,125	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$0	$12,450	$19,980	$16,960	$12,855	$84,064
Equipment	$1,579,056	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$817,704	$1,303,904	$1,113,720	$844,227	$5,520,867
TOTAL	**$1,619,181**	**$0**	**$830,154**	**$1,323,884**	**$1,130,680**	**$857,082**	**$5,604,931**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$343,814	$604,070	$518,646	$354,959	$358,763	$2,669,920
TOTAL	**$0**	**$343,814**	**$604,070**	**$518,646**	**$354,959**	**$358,763**	**$2,669,920**

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

PROJECT DETAIL: 2480-Sanitation — Category: Other

Project: 78005 - Repl Pickup Trucks-Sanitation (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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$1,398	$0	$0	$0	$0
Equipment	$0	$0	$129,328	$0	$0	$0	$0
Equipment	$127,010	$0	$0	$0	$0	$0	$0
TOTAL	**$127,010**	**$0**	**$130,726**	**$0**	**$0**	**$0**	**$0**

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

Project: 78006* - Sanitation 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$45,000	$0	$0	$0	$0	$0
Engineering Charges	$0	$4,950	$0	$0	$0	$0	$0
TOTAL	**$0**	**$49,950**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$400,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$400,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

FUND SUMMARY: 2440-Landfill — Category: Other

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
Existing Assets								
Improvement of Existing Assets								
78523	Scalehouse & Road Relocation	1,304,393	0	0	0	0	0	0
78527	MRF Process Line Improvements	502,161	761,250	0	0	0	0	0
78528	Northern Ave LF Improvements	252,232	0	0	0	0	0	0
Replacement of Existing Assets								
78506	Landfill Repl Pickup Trucks	0	0	0	89,422	73,080	0	174,766
78509	MRF Forklifts	36,540	36,550	36,550	0	0	75,272	77,529
78511	Landfill Compactor Replacement	0	0	0	0	0	1,119,060	1,152,500
78512	Fuel Tanker Replacement	0	0	187,775	0	0	0	0
78514	Sanitation Insp Trucks - 17740	34,518	34,518	105,105	35,560	0	36,634	0
78520	Landfill Bulldozer Replacement	0	446,175	0	0	0	1,003,632	2,334,489
78521	MRF Loader Replacement	0	0	0	0	0	0	431,375
78522	LF Water Pull Tractor Replace	0	150,000	0	0	624,064	0	0
78524	Landfill Motor Grader Replace	0	0	0	0	0	0	396,479
78525	Landfill Scraper Equipment	0	0	1,551,313	0	0	0	0
Sub-Total - Existing Assets		*2,129,844*	*1,428,493*	*1,880,743*	*124,982*	*697,144*	*2,234,598*	*4,567,138*
New Assets								
0								
78503	Landfill Closure (South)	723,422	0	0	3,000,000	6,133,953	0	0
78505	LF Phase Construction (North)	3,208,144	102,780	4,361,873	0	0	0	0
78507	Landfill Soil Excavation	0	0	0	6,574,076	0	0	0
78529	*New Bulldozer Purchase	0	435,625	0	0	0	0	0
Sub-Total - New Assets		*3,931,566*	*538,405*	*4,361,873*	*9,574,076*	*6,133,953*	*0*	*0*
Total Project Expenses:		**$6,061,410**	**$1,966,898**	**$6,242,616**	**$9,699,058**	**$6,831,097**	**$2,234,598**	**$4,567,138**
Total FY 2017 Funding:			**$8,028,308**					

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 our anticipated waste acceptance rate.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$1,304,393	$0	$0	$0	$0	$0	$0
TOTAL	**$1,304,393**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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

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

PROJECT DETAIL: 2440-Landfill — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$4,106	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$11,250	$0	$0	$0	$0	$0
Finance Charges	$8,055	$0	$0	$0	$0	$0	$0
Equipment	$490,000	$0	$0	$0	$0	$0	$0
Equipment	$0	$750,000	$0	$0	$0	$0	$0
TOTAL	$502,161	$761,250	$0	$0	$0	$0	$0

Operating Description:

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 Landfil property at Glendale's expense.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Construction	$172,000	$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
TOTAL	$252,232	$0	$0	$0	$0	$0	$0

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$1,322	$1,080	$0	$2,583
Equipment	$0	$0	$0	$88,100	$72,000	$0	$172,183
TOTAL	$0	$0	$0	$89,422	$73,080	$0	$174,766

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: 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$540	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$550	$550	$0	$0	$1,112	$1,145
Equipment	$0	$36,000	$36,000	$0	$0	$74,160	$76,384
Equipment	$36,000	$0	$0	$0	$0	$0	$0
TOTAL	**$36,540**	**$36,550**	**$36,550**	**$0**	**$0**	**$75,272**	**$77,529**

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: 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$16,600	$17,000
Equipment	$0	$0	$0	$0	$0	$1,102,460	$1,135,500
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,119,060**	**$1,152,500**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$2,775	$0	$0	$0	$0
Equipment	$0	$0	$185,000	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$187,775**	**$0**	**$0**	**$0**	**$0**

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 DETAIL: 2440-Landfill — Category: Other

Project: 78514 - Sanitation Insp Trucks - 17740 (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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$510	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$517	$1,575	$533	$0	$549	$0
Equipment	$0	$34,001	$103,530	$35,027	$0	$36,085	$0
Equipment	$34,008	$0	$0	$0	$0	$0	$0
TOTAL	**$34,518**	**$34,518**	**$105,105**	**$35,560**	**$0**	**$36,634**	**$0**

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

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$5,775	$0	$0	$0	$14,832	$34,499
Equipment	$0	$440,400	$0	$0	$0	$988,800	$2,299,990
TOTAL	**$0**	**$446,175**	**$0**	**$0**	**$0**	**$1,003,632**	**$2,334,489**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$6,375
Equipment	$0	$0	$0	$0	$0	$0	$425,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$431,375**

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: 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$9,223	$0	$0
Engineering Charges	$0	$150,000	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$614,841	$0	$0
TOTAL	**$0**	**$150,000**	**$0**	**$0**	**$624,064**	**$0**	**$0**

Operating Description: No additional O and M is needed since new equipment will replace aging existing equipment.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$5,859
Contingency	$0	$0	$0	$0	$0	$0	$390,620
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$396,479**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$22,926	$0	$0	$0	$0
Equipment	$0	$0	$1,528,387	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$1,551,313**	**$0**	**$0**	**$0**	**$0**

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 DETAIL: 2440-Landfill — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$0	$250,000	$0	$0
Design	$250,000	$0	$0	$0	$0	$0	$0
Construction	$376,320	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$4,152,522	$0	$0
Finance Charges	$0	$0	$0	$0	$136,901	$0	$0
Finance Charges	$10,859	$0	$0	$0	$0	$0	$0
Engineering Charges	$0	$0	$0	$0	$92,500	$0	$0
Engineering Charges	$7,216	$0	$0	$0	$0	$0	$0
Arts	$0	$0	$0	$0	$71,525	$0	$0
Arts	$3,763	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$1,430,505	$0	$0
Contingency	$75,264	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$0	$0	$3,000,000	$0	$0	$0
TOTAL	**$723,422**	**$0**	**$0**	**$3,000,000**	**$6,133,953**	**$0**	**$0**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Supplies/Contr	$2,205,540	$2,205,540	$2,205,540	$2,205,540	$0	$11,027,700

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$100,000	$100,000	$0	$0	$0	$0
Construction	$0	$0	$3,432,000	$0	$0	$0	$0
Construction	$3,208,144	$0	$0	$0	$0	$0	$0
Finance Charges	$0	$1,542	$65,428	$0	$0	$0	$0
Engineering Charges	$0	$1,238	$43,725	$0	$0	$0	$0
Arts	$0	$0	$34,320	$0	$0	$0	$0
Contingency	$0	$0	$686,400	$0	$0	$0	$0
TOTAL	**$3,208,144**	**$102,780**	**$4,361,873**	**$0**	**$0**	**$0**	**$0**

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

PROJECT DETAIL: 2440-Landfill — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$0	$0	$100,000	$0	$0	$0
Construction	$0	$0	$0	$5,221,458	$0	$0	$0
Finance Charges	$0	$0	$0	$98,611	$0	$0	$0
Engineering Charges	$0	$0	$0	$92,500	$0	$0	$0
Arts	$0	$0	$0	$52,215	$0	$0	$0
Contingency	$0	$0	$0	$1,009,292	$0	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$6,574,076**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$6,375	$0	$0	$0	$0	$0
Arts	$0	$4,250	$0	$0	$0	$0	$0
Equipment	$0	$425,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$435,625**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

FUND SUMMARY: 2120-Airport Capital Grants — Category: Other

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
79523 Airport Layout Plan Narrative	49,964	0	0	0	0	0	0
T1472 Airport EA for Channelization	0	0	0	0	0	286,590	0
Replacement of Existing Assets							
79524 North Apron R&R	904,787	4,101,055	1,043,665	0	0	0	0
79526 South Apron R&R	0	0	0	2,856,347	1,862,119	0	0
79527 *AWOS Weather Reporting Equip.	0	315,000	0	0	0	0	0
T1477 FAR Part 150 Update	0	334,355	0	0	0	0	0
Sub-Total - Existing Assets	*954,751*	*4,750,410*	*1,043,665*	*2,856,347*	*1,862,119*	*286,590*	*0*
New Assets							
0							
79519 Airport-Capacity Study	50,000	0	0	0	0	0	0
Sub-Total - New Assets	*50,000*	*0*	*0*	*0*	*0*	*0*	*0*
Total Project Expenses:	**$1,004,751**	**$4,750,410**	**$1,043,665**	**$2,856,347**	**$1,862,119**	**$286,590**	**$0**
Total FY 2017 Funding:		**$5,755,161**					

PROJECT DETAIL: 2120-Airport Capital Grants — Category: Other

Project: 79523 - Airport Layout Plan Narrative (I) **Funding Source:** Grants/City Match

Project Description: Revise the existing Airport Layout Plan (ALP) and airport forecasts to be able to secure both state and federal funding for airport projects.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
	$49,964	$0	$0	$0	$0	$0	$0
TOTAL	**$49,964**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: This is a study/plan, which will not require any O and M.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$0	$0	$286,590	$0
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$286,590**	**$0**

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

PROJECT DETAIL: 2120-Airport Capital Grants — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$904,787	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$4,101,055	$1,043,665	$0	$0	$0	$0
TOTAL	**$904,787**	**$4,101,055**	**$1,043,665**	**$0**	**$0**	**$0**	**$0**

Operating Description: This project rebuilds and rehabilitates existing pavement on the north apron.

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$2,856,347	$1,862,119	$0	$0
TOTAL	**$0**	**$0**	**$0**	**$2,856,347**	**$1,862,119**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$315,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$315,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description: This project replaces exisitng AWOS equipment.

Project: T1477 - 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$334,355	$0	$0	$0	$0	$0
TOTAL	**$0**	**$334,355**	**$0**	**$0**	**$0**	**$0**	**$0**

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

PROJECT DETAIL: 2120-Airport Capital Grants — Category: Other

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
	$50,000	$0	$0	$0	$0	$0	$0
TOTAL	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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

FUND SUMMARY: 2070-General Gov Capital Proje — Category: Other

		Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Capital Project Expenses								
Existing Assets								
Improvement of Existing Assets								
70800	Building Maint. Reserve	2,063,195	1,300,000	500,000	500,000	500,000	500,000	2,500,000
70801	Camelback Ranch Maint. Reserve	862,253	836,752	836,752	836,752	836,752	836,752	4,183,760
70803	Capital Repair-Arena	500,000	1,500,000	500,000	500,000	500,000	1,000,000	5,000,000
70804	*Tennis Courts at Paseo Park	0	400,000	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
Replacement of Existing Assets								
70805	Heart Monitors	0	1,000,000	0	0	0	0	0
70806	Replacement of Airpacks	0	0	1,649,850	0	0	0	0
70807	Purchase of Turnout Gear	0	650,000	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
Sub-Total - Existing Assets		*3,425,448*	*5,686,752*	*3,486,602*	*1,836,752*	*1,836,752*	*2,336,752*	*31,668,844*
New Assets								
0								
70808	*CBR Land IGA	0	668,646	668,646	0	1,086,822	0	0
70809	*Emergency Vehicle Preemption	0	99,655	329,789	0	0	0	0
Sub-Total - New Assets		*0*	*768,301*	*998,435*	*0*	*1,086,822*	*0*	*0*
Total Project Expenses:		**$3,425,448**	**$6,455,053**	**$4,485,037**	**$1,836,752**	**$2,923,574**	**$2,336,752**	**$31,668,844**
Total FY 2017 Funding:			**$9,880,501**					

PROJECT DETAIL: 2070-General Gov Capital Proje — Category: Other

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

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$1,300,000	$500,000	$500,000	$500,000	$500,000	$2,500,000
Miscellaneous/Other	$2,063,195	$0	$0	$0	$0	$0	$0
TOTAL	$2,063,195	$1,300,000	$500,000	$500,000	$500,000	$500,000	$2,500,000

Operating Description:

Project: 70801 - Camelback Ranch Maint. Reserve (I) **Funding Source:** Other

Project Description: Camelback Ranch Maint. Reserve

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
	$59,224	$0	$0	$0	$0	$0	$0
Design	$0	$100,000	$100,000	$100,000	$100,000	$100,000	$500,000
Design	$100,000	$0	$0	$0	$0	$0	$0
Construction	$491,277	$0	$0	$0	$0	$0	$0
Construction	$0	$525,000	$525,000	$525,000	$525,000	$525,000	$2,625,000
Engineering Charges	$0	$9,250	$9,250	$9,250	$9,250	$9,250	$46,250
Engineering Charges	$9,250	$0	$0	$0	$0	$0	$0
Arts	$5,250	$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	$197,252	$0	$0	$0	$0	$0	$0
TOTAL	$862,253	$836,752	$836,752	$836,752	$836,752	$836,752	$4,183,760

Operating Description:

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$1,500,000	$500,000	$500,000	$500,000	$1,000,000	$5,000,000
Miscellaneous/Other	$500,000	$0	$0	$0	$0	$0	$0
TOTAL	$500,000	$1,500,000	$500,000	$500,000	$500,000	$1,000,000	$5,000,000

Operating Description:

PROJECT DETAIL: 2070-General Gov Capital Proje — Category: Other

Project: 70804* - Tennis Courts at Paseo Park (I) **Funding Source:** Other

Project Description: Tennis court resurfacing at Paseo Park

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$400,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$400,000**	**$0**	**$0**	**$0**	**$0**	**$0**

Operating Description:

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. This 5,000 square foot renovation to the Civic Center will enhance amenities, provide more pre-function space, attract clients and allow the facility to remain competitive within the surrounding marketplace.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$4,123,974**

Operating Description: Additional O and M will be needed in FY 2021. This project would include staffing of one Service Worker III position to help maintain the facility and provide additional supervision for event set-up as well for the renovated space and one secretary to assist with office support needs and increased events and bookings. Supplies are figured at $0.75 per sq ft and $3,000 for ongoing supplies/contracts, utilities at $2.80 per sq ft, electrical at $1,800 annually, building maintenance at $2.00 per sq ft, equipment maintenance at $0.40 per sq ft and building water usage at $0.195 per sq ft for 5,000 sq ft of expanded Civic Center space. The Civic Center currently maintains 65% of the landscaping in the areas addressed in this request, so no new funding is needed for landscaping or refuse. A landscape company provides the other 35% of service. Currently the project is set up as a one time expense with no ongoing O and M ,any on going O and M costs related to this project will be absorbed by the Civic Center budget once the project is completed. A supplemental budget request will be submitted once the project is brought to completion.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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 DETAIL: 2070-General Gov Capital Proje — Category: Other

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$1,500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,500,000**

Operating Description:

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$500,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,452,250**

Operating Description:

PROJECT DETAIL: 2070-General Gov Capital Proje — 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,675,193**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$20,000	$0	$0	$0	$0	$0
Equipment	$0	$980,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$1,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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 Proje — 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$32,350	$0	$0	$0	$0
Equipment	$0	$0	$1,617,500	$0	$0	$0	$0
TOTAL	**$0**	**$0**	**$1,649,850**	**$0**	**$0**	**$0**	**$0**

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: 70807 - Purchase of Turnout Gear (R) **Funding Source:** Other

Project Description: Purchase of 120 sets of Fire Turnout Gear. This is the second set of turnout gear.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$650,000	$0	$0	$0	$0	$0
TOTAL	**$0**	**$650,000**	**$0**	**$0**	**$0**	**$0**	**$0**

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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$2,500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,500,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$175,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$175,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$2,500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,500,000**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$1,500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,500,000**

Operating Description:

PROJECT DETAIL: 2070-General Gov Capital Proje — 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$250,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$250,000**

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).

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$582,474**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$14,881
IT/Phone/Security	$0	$0	$0	$0	$0	$0	$595,241
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$610,122**

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.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Finance Charges	$0	$0	$0	$0	$0	$0	$12,321
Equipment	$0	$0	$0	$0	$0	$0	$603,750
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$616,071**

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

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Land	$0	$668,646	$668,646	$0	$1,086,822	$0	$0
TOTAL	**$0**	**$668,646**	**$668,646**	**$0**	**$1,086,822**	**$0**	**$0**

Operating Description:

PROJECT DETAIL: 2070-General Gov Capital Proje — Category: Other

Project: **70809* - Emergency Vehicle Preemption (N)** **Funding Source:** Other

Project Description: 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.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Design	$0	$95,000	$0	$0	$0	$0	$0
Construction	$0	$0	$311,416	$0	$0	$0	$0
Engineering Charges	$0	$4,655	$15,259	$0	$0	$0	$0
Arts	$0	$0	$3,114	$0	$0	$0	$0
TOTAL	**$0**	**$99,655**	**$329,789**	**$0**	**$0**	**$0**	**$0**

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: 2150-Technology Infrastructure — Category: Other

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
Existing Assets							
Improvement of Existing Assets							
T7010 Traffic Management Center	0	0	0	0	0	0	1,325,000
Replacement of Existing Assets							
T7030 Project/Permit Tracking System	0	0	0	0	0	0	2,500,000
T7050 Facility Audio/Visual Systems	0	0	0	0	0	0	1,020,000
Sub-Total - Existing Assets	*0*	*0*	*0*	*0*	*0*	*0*	*4,845,000*
Total Project Expenses:	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$4,845,000**
Total FY 2017 Funding:		**$0**					

PROJECT DETAIL: 2150-Technology Infrastructure — Category: Other

Project: T7010 - Traffic Management Center (I) **Funding Source:** General Fund

Project Description: The city acquired the Mobile Command Center (MCC) in 2000 and opened the Traffic Management Center (TMC) in 2004 (upgraded in 2014) to improve the city's management of incidents, events, and day-to-day traffic. Signal system management software along with audio/visual and communications equipment within these two centers needs to be upgraded to enhance system functionality and coordination between the Police Department, Traffic Management Center, and Emergency Operations Center.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
IT/Phone/Security	$0	$0	$0	$0	$0	$0	$25,000
Equipment	$0	$0	$0	$0	$0	$0	$1,300,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,325,000**

Operating Description: No additional O and M is needed. This project replaces and upgrades the existing system. O and M of this system is currently funded in the Transportation Department operating budget.

PROJECT DETAIL: 2150-Technology Infrastructure — Category: Other

Project: **T7030 - Project/Permit Tracking System (R)** **Funding Source:** General Fund

Project Description: The current project/permit system provides automated tracking of all construction projects and city assets. The system is used by the Building Safety, Planning, Transportation, Utilities, Sanitation, Fire, Engineering, Code Compliance, and Economic Development departments for plan review and inspections. The city's current system is supported by Infor which is not expected to continue support indefinitely. Funding is requested to replace or upgrade the current system with a web-based system before the current system becomes obsolete.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Miscellaneous/Other	$0	$0	$0	$0	$0	$0	$2,500,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,500,000**

Operating Description: The $160,902 is required for the ongoing service and maintenance agreement associated with the software purchase. Staffing is for a Database Administrator. This FTE would provide ongoing technical assistance and support to the nine departments using the system. The current system maintenance costs are $43,000 per year, with increases of approximately 2% per year. The requirements for the new system are in addition to this current cost. A supplemental budget request will be submitted once the project is near completion.

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Staffing	$0	$0	$0	$0	$0	$3,744,100
Supplies/Contr	$0	$0	$0	$0	$0	$1,609,020

Project: **T7050 - Facility Audio/Visual Systems (R)** **Funding Source:** General Fund

Project Description: This project covers replacement of citywide audio/visual (A/V) equipment. The serviceable life for a number of the identified systems have been extended beyond their expected life cycle, currently all systems are functioning properly. The systems identified for future replacement include: the Sahuaro Ranch ball complex, the Foothills ball complex and city pools, A/V equipment in the City Hall Complex, the Main Library A/V and lighting systems, the Adult Center's audio, lighting and security systems, the Foothills Library, and the security camera systems at the Foothills Skate Court and WARP X-Court.

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Equipment	$0	$0	$0	$0	$0	$0	$1,020,000
TOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,020,000**

Operating Description:

Operating Costs	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
PC/Vehicle Replacement	$0	$0	$0	$0	$0	$7,584,900

FUND SUMMARY: 1220-Arts Commission — Category: Other

Capital Project Expenses	Carryover	FY 2017: New Funding	FY 2018:	FY 2019:	FY 2020:	FY 2021:	FYs 22-26:
New Assets							
0							
84650 Municipal Arts Program	483,849	200,000	200,000	200,000	142,943	0	0
Sub-Total - New Assets	*483,849*	*200,000*	*200,000*	*200,000*	*142,943*	*0*	*0*
Total Project Expenses:	**$483,849**	**$200,000**	**$200,000**	**$200,000**	**$142,943**	**$0**	**$0**
Total FY 2017 Funding:		**$683,849**					

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).

Capital Costs	Carryover	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FYs 22-26
Contingency	$285,049	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$198,800	$0	$0	$0	$0	$0	$0
Miscellaneous/Other	$0	$200,000	$200,000	$200,000	$142,943	$0	$0
TOTAL	**$483,849**	**$200,000**	**$200,000**	**$200,000**	**$142,943**	**$0**	**$0**

Operating Description: Total O&M for maintaining the city art inventory is $173,162.

$72,145,121	$122,242,658	$117,818,048	$59,976,197	$36,783,032	$37,161,761	$540,638,086