

FY 2019-2020
Tentative Budget

Adopted
May 14, 2019



Exhibit A

Tentative Budget

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 FY19-20 Annual Budget book and cover five 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 FY19-20 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 \$736 million for FY19-20 with an operating budget of \$430 million, a capital improvement budget of \$181 million, a debt service budget of \$87 million, and a contingency appropriation of \$38 million. Schedule One also shows a total revenue budget of \$631 million and a total transfers budget of \$118 million.

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

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

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

Section 4 – FY 2020-2029 Capital Improvement Plan

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

- CIP Summary by Project Type
- CIP Summary by Funding Source
- CIP Project List by Project Type
- CIP Project List by Type and Funding Source
- CIP Project Detail

Section 1

Financial Policies

FINANCIAL POLICIES

A key component of the FY19-20 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 FY19-20 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 exceed all ongoing expenses proposed for the current fiscal year and for the upcoming fiscal year. 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 evaluated each year to determine where it should be set.

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, solid waste and landfill) and the transportation sales tax fund will pay the indirect cost charges for services provided by other funds. Additional funds may be added upon Council approval.

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

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

9. The Budget and Finance Department and Human Resources Department will work together to manage position control. The number of full-time and regular part-time employees on the

payroll will not exceed the total number of full-time equivalent positions that Council authorizes and adopts with the annual budget.

10. Benefits and compensation will be administered in accordance with Council policy direction.

a. Total compensation will be evaluated periodically for competitiveness.

b. A cost containment strategy means total costs for health insurance premiums will be shared between the employer, employees and retirees. Total premiums will be evaluated on an annual basis to ensure they are reasonable, competitive and expected to address anticipated claims plus the maintenance of an adequate reserve for the Employee Benefits Fund. Funding will be based on an annual actuarial report and its 75% confidence funding level recommendation.

c. A policy will be developed regarding the continuation of retiree health insurance after the completion of a comprehensive evaluation of the impact of GASB 67 and the presentation of results to Council.

11. Ideas for improving the efficiency and effectiveness of the city's programs and the productivity of its employees will be considered during the budget process.

12. Carryover of unspent appropriation from one fiscal year to the next is not automatic. The Budget and Finance Department staff will evaluate carryover requests and make recommendations to the City Manager. Recommended requests will be included in the City Manager's budget presented to Council.

13. Salary savings will be retained to the greatest extent possible to build fund balance. Salary savings may be used for expenses upon the City Manager or their designee's, approval if within the same fund/department. Salary savings may be used for expenses between funds/departments upon Council approval within the last three months of the fiscal year.

14. Total fund appropriation changes must be approved by the Council. These changes must also comply with the city's Alternative Expenditure Limitation in accordance with Article IX, Section 20, Constitution of Arizona and A.R.S. § 41-563 where final budget adoption sets the maximum allowable appropriation for the upcoming fiscal year.

15. The replacement of General Fund capital equipment and related support for technology, vehicles and telephonic equipment [except cell phones] will be accomplished through the use of a "rental rate structure" that is revised annually as part of the annual budget process.

a. Any equipment purchased with grant funding will be considered for ongoing replacement and ongoing replacement premium funding only if specifically authorized by the City Manager and noted in the budget submittal.

- b. The ongoing replacement costs for new technology and new vehicle purchases will be incorporated into the upcoming fiscal year's rental rate structure regardless of whether they are initially purchased through a lease or pay-as-you-go funding.
- c. Replacements will be based on equipment lifecycle analyses by the Public Works Department for City vehicles, or the Budget and Finance Department for technology and telephonic systems.

16. The City Council supports economic development objectives that support the creation and retention of quality jobs (25% greater than the median average wage in Maricopa County), add revenue, and enhance the quality of life in Glendale. City Council will consider incentives when the circumstances of the economic development opportunity warrant them necessary and appropriate for the opportunity and in the best interest of the City.

Cash and Budget Appropriation Transfers

1. Purpose & Restrictions

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

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

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

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

The city manager may at any time transfer any unencumbered appropriation balance or portion thereof between general classifications of expenditures within an office,

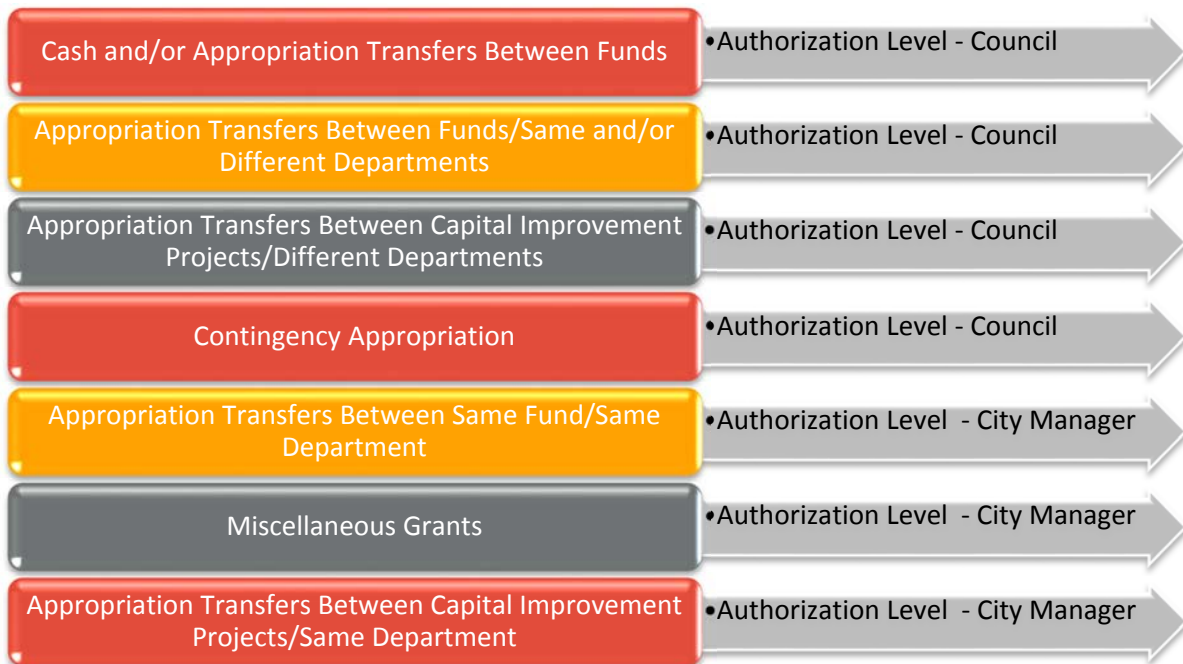
department or agency. At the request of the city manager and within the last three months of the fiscal year, the council may by ordinance transfer any unencumbered appropriation balance or portion thereof from one office, department or agency to another.

2. Policy

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

- a. Cash Transfers - Cash transfers between funds can only be authorized by Council in the last three months of the fiscal year.
- b. Cash & Appropriation Transfers Between Funds - Cash and associated budget appropriation transfers between funds can only be authorized by Council in the last three months of the fiscal year.
- c. Appropriation Transfers
 - i. Between Funds- Budget appropriation transfers between funds can only be authorized by Council approval in the last three months of the fiscal year.
 - ii. Between Departments- Budget appropriation transfers between departments can only be authorized by Council approval in the last three months of the fiscal year.
 - iii. Within the Same Fund, Within the Same Department- Budget appropriation transfers within the same fund and within the same department can be authorized by City Manager approval throughout the fiscal year.
 - iv. Between Capital/Improvement Projects
 - (1) Between Departments - Capital improvement project budget appropriation transfers for projects managed between departments can be only authorized by Council approval in the last three months of the fiscal year.
 - (2) Within Departments - Capital improvement project budget appropriation transfers within the same department, and the same fund, can be authorized by City Manager approval throughout the fiscal year.
- d. Restricted Fund Transfers - Cash and/or appropriation transfers into, and out of, restricted funds can only be authorized by Council approval. Only transfers within the intent of the restricted funds will be approved by Council. For restricted fund transfers, the Council shall be provided with
 - i. justification that such transfers are consistent with restricted fund purposes,
 - ii. assurance that the transfer has been legally reviewed by the City Attorney, and
 - iii. assurance that the transfer meets the restrictions set out in this transfer policy.

- e. Contingency & Miscellaneous Grant Appropriation Transfers- These types of transfers are not specific to any particular department:
- i. Contingency- Contingency budget appropriation transfers can be authorized by Council throughout the fiscal year.
 - ii. Miscellaneous Grants- Miscellaneous Grant appropriation transfers can be authorized by the City Manager throughout the fiscal year.
- f. Approval of Expenditures in Excess of Budget Appropriations - There may be emergency situations where a transfer is required before it is possible to obtain formal Council approval. In such cases, the Budget and Finance Department will advise the City Manager of the emergency condition and request approval. Upon approval, the Budget and Finance Department will seek Council ratification at the first possible Council meeting.



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 FY19-20, debt service is 14.6% 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 unassigned amount, shall total 25% of the total annual ongoing revenues.

- a. Inclusive in the 25% General Fund unassigned fund balance, a Budget Stabilization Reserve will be maintained at 10% of the General Fund operating revenues to be used in the event of unexpected revenue shortfalls if needed, and to be adjusted at year end.
- b. Inclusive in the 25% General Fund unassigned fund balance, an Operating Reserve (established in FY14-15) for amounts over the General Fund Budget Stabilization Reserve and which will increase incrementally each year until it reaches at least 15% of the General Fund operating revenues by FY19-20, which is the ensuing five fiscal years. Any usage of this reserve must be approved by the majority of the City Council, and the City shall strive to replenish the Operating Reserve the following fiscal year. Examples of potential usage would be to provide funding to deal with fluctuations in fiscal cycles and Council approved operating requirements.

2. For the Water and Sewer Enterprise Fund;

- a. The target for Working Capital will be 50% of operating expenses.
- b. The Senior Lien Debt Service Coverage Ratio target will be 1.85.
- c. The target for Days Cash on Hand will be 250 days.

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

City of Glendale
Schedule 1 - Fund Balance Analysis

	Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
General Fund										
1000 General	45,438,950	235,682,261	28,576,155	(43,900,865)	(218,476,090)	-	-	(1,849,773)	(220,325,863)	45,470,638
1020 Vehicle Replacement	639,247	270,000	3,000,000	-	(3,505,526)	-	-	-	(3,505,526)	403,721
Sub-Total General Fund	46,078,197	235,952,261	31,576,155	(43,900,865)	(221,981,616)	-	-	(1,849,773)	(223,831,389)	45,874,359
Special Revenue Funds										
2100 Utility Bill Donation	48,191	165,400	-	-	(200,000)	-	-	-	(200,000)	13,591
2110 Arts Commission Fund	1,394,174	481,520	-	-	(264,148)	(988,993)	-	-	(1,253,141)	622,553
2120 Court Security/Bonds	378,283	447,890	-	-	(574,709)	-	-	-	(574,709)	251,464
2010 Home Grant	220,132	1,708,454	-	-	(1,678,454)	-	-	-	(1,678,454)	250,132
2020 Neighborhood Stabilization Pgm	201,978	298,816	-	-	(227,472)	-	-	-	(227,472)	273,322
2030 N'hood Stabilization Pgm III	69,613	227,300	-	-	(227,300)	-	-	-	(227,300)	69,613
2040 C.D.B.G.	-	4,172,013	-	-	(4,172,013)	-	-	-	(4,172,013)	-
2050 Highway User Gas Tax	6,450,034	16,924,349	-	(5,890,395)	(12,993,829)	-	-	-	(12,993,829)	4,490,159
2060 Transportation Grants	325,000	2,700,000	-	-	(2,700,000)	(325,000)	-	-	(3,025,000)	-
2070 Transportation Sales Tax	35,037,634	30,592,943	-	(14,920,544)	(13,864,516)	-	-	-	(13,864,516)	36,845,517
2080 Police Special Revenue	4,003,208	18,094,660	-	(19,364,660)	-	-	-	-	-	2,733,208
2090 Fire Special Revenue	778,016	9,111,495	-	(9,211,495)	-	-	-	-	-	678,016
2130 Airport Special Revenue	-	707,869	147,047	-	(854,916)	-	-	-	(854,916)	-
2140 CAP Grant	-	1,339,208	64,299	-	(1,403,507)	-	-	-	(1,403,507)	-
2150 Emergency Shelter Grants	-	258,992	-	-	(258,992)	-	-	-	(258,992)	-
2160 Grants	232,709	15,824,645	-	-	(6,777,306)	(40,521)	-	(9,239,528)	(16,057,355)	-
2170 RICO Funds	2,619,744	1,015,000	-	-	(1,725,143)	-	-	-	(1,725,143)	1,909,601
2180 Parks & Recreation Designated	200,456	6,480	-	-	(62,900)	-	-	-	(62,900)	144,036
2190 Airport Capital Grants	42,137	1,350,000	-	-	-	(1,350,000)	-	-	(1,350,000)	42,137
2200 Training Facility Revenue Fund	448,313	393,736	1,901,280	-	(2,349,714)	-	-	-	(2,349,714)	393,615
Sub-Total Special Revenue Funds	52,449,622	105,820,770	2,112,626	(49,387,094)	(50,334,919)	(2,704,514)	-	(9,239,528)	(62,278,961)	48,716,964
Debt Service Funds										
3010 G.O. Bond Debt Service	1,997,888	20,645,713	-	-	-	-	(20,848,833)	-	(20,848,833)	1,794,768
3020 HURF Debt Service	43,456	-	-	-	-	-	-	-	-	43,456
3030 M.P.C. Debt Service	3,606,634	-	16,174,794	-	-	-	(16,974,794)	-	(16,974,794)	2,806,634
3050 Excise Tax Deb Service	92,682	-	16,915,571	-	-	-	(16,915,571)	-	(16,915,571)	92,682
3040 Transportation Debt Service	724,313	-	7,043,044	-	-	-	(7,043,044)	-	(7,043,044)	724,313
Sub-Total Debt Service Funds	6,464,973	20,645,713	40,133,409	-	-	-	(61,782,242)	-	(61,782,242)	5,461,853
Permanent Funds										
8010 Cemetery Perpetual Care	5,809,643	26,000	-	-	-	-	-	(5,814,676)	(5,814,676)	20,967
Sub-Total Permanent Funds	5,809,643	26,000	-	-	-	-	-	(5,814,676)	(5,814,676)	20,967

City of Glendale
Schedule 1 - Fund Balance Analysis

	Beginning Fund Balance	Projected Revenues	Transfer In	Transfer Out	Operations	Capital Outlay	Debt Service	Contingency	Total Appropriation	Ending Fund Balance
Capital Project Funds										
4100 Library Construction						-			-	-
4120 DIF Library Blds	1,866,089	10,000	-	-	-	(63,480)	-	(1,812,609)	(1,876,089)	-
4130+ DIF-Fire Protection Facilities	1,686,430	254,762	-	-	-	(515)	-	(1,940,677)	(1,941,192)	-
4180+ DIF-Police Facilities	856,227	94,294	-	-	-	-	-	(950,521)	(950,521)	-
4230+ DIF-Citywide Parks	448,076	1,679	-	-	-	(213,360)	-	(236,395)	(449,755)	-
4250+ DIF-Citywide Recreation Fac	757,694	1,192	-	-	-	(225,437)	-	(533,449)	(758,886)	-
4270+ DIF-Libraries	1,720,180	13,172	-	-	-	(175,020)	-	(1,558,332)	(1,733,352)	-
4290 DIF-Citywide Open Spaces	600,530	2,546	-	-	-	(268,789)	-	(334,287)	(603,076)	-
4330+ DIF-Parks Dev Zone 1	1,396,192	171,448	-	-	-	(1,502,400)	-	(65,240)	(1,567,640)	-
4350+ DIF-Parks Dev Zone 2	751,627	1,265	-	-	-	-	-	(752,892)	(752,892)	-
4370+ DIF-Parks Dev Zone 3	182,183	429	-	-	-	(167,803)	-	(14,809)	(182,612)	-
4390+ DIF-Roadway Improvements	7,397,227	820,140	-	-	-	(4,310,165)	-	(3,907,202)	(8,217,367)	-
4440 DIF-General Government	162,778	818	-	-	-	(17,137)	-	(146,459)	(163,596)	-
4010 Streets Constr. - 1999 Auth	12,811,382	-	-	-	-	(12,811,382)	-	-	(12,811,382)	-
4020 HURF Capital Projects	780,000	-	5,890,395	-	-	(6,670,395)	-	-	(6,670,395)	-
4040 Public Safety Construction	2,650,232	-	-	-	-	(1,752,753)	-	(897,479)	(2,650,232)	-
4050 Parks Construction	544,804	-	-	-	-	(337,078)	-	(207,726)	(544,804)	-
1080 General Gov Capital Projects	2,219,649	-	4,137,000	-	-	(6,206,649)	-	(150,000)	(6,356,649)	-
4060 Gov't Facilities - 1999 Auth	237,684	-	-	-	-	(202,000)	-	(35,684)	(237,684)	-
4070 Economic Dev. Constr-1999 Auth	1,007,567	-	-	-	-	-	-	(1,007,567)	(1,007,567)	-
4080 Cultural Facility Bond Fund	234,380	-	-	-	-	(45,530)	-	(188,850)	(234,380)	-
4090 Open Space/Trails Constr-99 Au	226,795	-	-	-	-	(26,932)	-	(199,863)	(226,795)	-
4110 Flood Control Construction	1,730,489	-	-	-	-	(1,473,912)	-	(256,577)	(1,730,489)	-
4030 Transportation Capital Project	4,032,239	-	7,877,500	-	-	(11,909,739)	-	-	(11,909,739)	-
Sub-Total Capital Fund	44,300,453	1,371,745	17,904,895	-	-	(48,380,476)	-	(15,196,617)	(63,577,093)	-
Enterprise Funds										
6020+ Water and Sewer	63,801,285	160,928,000	25,491,962	(25,095,483)	(56,085,509)	(119,433,387)	(25,095,483)	(2,400,000)	(203,014,379)	22,111,385
6110 Landfill	6,294,375	13,237,048	653,379	-	(9,656,404)	(7,244,186)	-	(500,000)	(17,400,590)	2,784,212
6120 Solid Waste	1,694,476	19,219,096	124,453	-	(16,068,000)	(2,774,046)	-	(200,000)	(19,042,046)	1,995,979
6130 Pub Housing Budget Activities	3,219,615	15,519,078	386,563	-	(14,703,077)	-	-	-	(14,703,077)	4,422,179
Sub-Total Enterprise Funds	75,009,751	208,903,222	26,656,357	(25,095,483)	(96,512,990)	(129,451,619)	(25,095,483)	(3,100,000)	(254,160,092)	31,313,755
Internal Service Funds										
7010 Risk Management Self Insurance	5,148,302	4,401,585	-	-	(4,053,491)	-	-	(1,000,000)	(5,053,491)	4,496,396
7020 Workers Comp. Self Insurance	7,827,251	2,725,415	-	-	(2,968,471)	-	-	(1,000,000)	(3,968,471)	6,584,195
7030 Benefits Trust Fund	-	31,438,324	-	-	(31,438,324)	-	-	-	(31,438,324)	-
7040 Fleet Services	-	9,551,394	-	-	(9,551,394)	-	-	-	(9,551,394)	-
7050 Technology	-	9,053,992	-	-	(8,136,262)	-	-	(917,730)	(9,053,992)	-
7060 Technology Projects	3,353,988	1,556,182	-	-	(4,910,170)	-	-	-	(4,910,170)	-
7070 Citywide ERP Solution	579,705	-	-	-	-	(579,705)	-	-	(579,705)	-
Sub-Total Internal Service Funds	16,909,247	58,726,892	-	-	(61,058,112)	(579,705)	-	(2,917,730)	(64,555,547)	11,080,592
TOTAL	247,021,886	631,446,603	118,383,442	(118,383,442)	(429,887,637)	(181,116,314)	(86,877,725)	(38,118,324)	(736,000,000)	142,468,490

Section 3

Auditor General
Schedules (A thru G)

City of Glendale
Summary Schedule of Estimated Revenues and Expenditures/Expenses
Fiscal Year 2020

Fiscal Year	S c h	FUNDS								
		General Fund	Special Revenue Fund	Debt Service Fund	Capital Projects Fund	Permanent Fund	Enterprise Funds Available	Internal Service Funds	Total All Funds	
2019	Adopted/Adjusted Budgeted Expenditures/Expenses*	E 1	218,796,801	67,629,872	65,747,563	72,347,697	5,814,676	195,958,815	62,704,576	689,000,000
2019	Actual Expenditures/Expenses**	E 2	220,192,501	60,277,695	65,747,563	72,349,697	5,814,676	195,263,677	63,195,740	682,841,550
2020	Fund Balance/Net Position at July 1***		46,078,197	52,449,622	6,464,973	44,300,453	5,809,643	75,009,751	16,909,247	247,021,887
2020	Primary Property Tax Levy	B 4	5,856,524							5,856,524
2020	Secondary Property Tax Levy	B 5			20,408,799					20,408,799
2020	Estimated Revenues Other than Property Taxes	C 6	230,095,737	105,820,770	236,914	1,371,745	26,000	208,903,222	58,726,891	605,181,279
2020	Other Financing Sources	D 7	0	0	0	0	0	0	0	0
2020	Other Financing (Uses)	D 8	0	0	0	0	0	0	0	0
2020	Interfund Transfers In	D 9	31,576,155	2,112,626	40,133,409	17,904,895	0	26,656,357	0	118,383,442
2020	Interfund Transfers (Out)	D 10	43,900,865	49,387,094	0	0	0	25,095,483	0	118,383,442
2020	Reduction for Amounts Not Available:									
LESS:	Amounts for Future Debt Retirement:									0
	Future Capital Projects									0
	Maintained Fund Balance for Financial Stability									0
										0
										0
2020	Total Financial Resources Available		269,705,748	110,995,924	67,244,095	63,577,093	5,835,643	285,473,847	75,636,138	878,468,489
2020	Budgeted Expenditures/Expenses	E 13	223,831,389	62,278,961	61,782,242	63,577,093	5,814,676	254,160,092	64,555,547	736,000,000

EXPENDITURE LIMITATION COMPARISON

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

	2019	2020
	\$ 689,000,000	\$ 736,000,000
	689,000,000	736,000,000
	247,462,555	283,246,263
	\$ 441,537,445	\$ 452,753,737
	\$ 584,109,698	\$ 603,062,288

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

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

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

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

**City of Glendale
Tax Levy and Tax Rate Information
Fiscal Year 2020**

	2019	2020
1. Maximum allowable primary property tax levy. A.R.S. §42-17051(A)	\$ <u>6,111,280</u>	\$ <u>6,338,443</u>
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	\$ <u>5,759,711</u>	\$ <u>5,856,524</u>
B. Secondary property taxes	<u>20,070,771</u>	<u>20,408,799</u>
C. Total property tax levy amounts	\$ <u>25,830,482</u>	\$ <u>26,265,323</u>
4. Property taxes collected*		
A. Primary property taxes		
(1) Current year's levy	\$ <u>3,824,961</u>	
(2) Prior years' levies	<u>19,974</u>	
(3) Total primary property taxes	\$ <u>3,844,936</u>	
B. Secondary property taxes		
(1) Current year's levy	\$ <u>13,273,200</u>	
(2) Prior years' levies	<u>53,895</u>	
(3) Total secondary property taxes	\$ <u>13,327,096</u>	
C. Total property taxes collected	\$ <u>17,172,031</u>	
5. Property tax rates		
A. City/Town tax rate		
(1) Primary property tax rate	<u>0.4407</u>	<u>0.4144</u>
(2) Secondary property tax rate	<u>1.5357</u>	<u>1.4441</u>
(3) Total city/town tax rate	<u>1.9764</u>	<u>1.8585</u>
B. Special assessment district tax rates		
Secondary property tax rates - As of the date the proposed budget was prepared, the city/town was operating _____ special assessment districts for which secondary property taxes are levied. For information pertaining to these special assessment districts and their tax rates, please contact the city/town.		

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

City of Glendale
Revenues Other Than Property Taxes
Fiscal Year 2020

SOURCE OF REVENUES	ESTIMATED REVENUES 2019	ACTUAL REVENUES* 2019	ESTIMATED REVENUES 2020
GENERAL FUND			
Local taxes			
City Sales Tax	\$ 111,206,621	\$ 111,206,621	\$ 117,815,424
Arena Fees	1,262,114	1,262,114	1,058,959
Licenses and permits			
Gas/Electric Franchise Fees	2,913,691	2,913,691	3,068,430
Building Permits	1,557,458	1,557,458	1,878,841
Cable Franchise Fees	1,572,061	1,572,061	1,582,071
Sales Tax Licenses	784,827	784,827	923,570
Fire Department Other Fees	1,143,640	1,143,640	676,822
Planning/Zoning	373,466	373,466	468,466
Fire Dept CD Fees	364,451	364,451	432,372
Right-of-Way Permits	290,053	290,053	350,426
Bus./Prof. Licenses	116,516	116,516	330,415
Liquor Licenses	192,177	192,177	193,036
Arena Fees	204,079	204,079	171,230
Business Licenses	83,323	83,323	77,922
Miscellaneous CD Fees	119,753	119,753	69,911
Engineering Plan Check Revenue	17,637	17,637	19,749
Plan Check Fees	7,443	7,443	8,373
Intergovernmental			
State Income Tax	30,186,283	30,186,283	32,653,840
State Shared Sales Tax	25,267,422	25,267,422	25,926,142
Motor Vehicle In-Lieu	10,866,400	10,866,400	11,265,111
Partner Revenue	-	-	-
Arena Fees	353,500	353,500	347,442
SRO Revenue	433,504	433,504	433,504
Miscellaneous	105,091	105,091	123,204
Charges for services			
Staff & Adm Chargebacks	10,000,000	10,000,000	10,000,000
Facility Rental Income	2,038,915	2,038,915	2,117,957
Recreation Revenue	2,487,920	2,487,920	1,694,171
Plan Check Fees	1,205,524	1,205,524	1,356,118
Arena Fees	929,200	929,200	779,632
Miscellaneous	530,848	530,848	622,342
Right-of-Way Permits	275,552	275,552	332,906
City Property Rental	336,150	336,150	329,764
Fire Department Other Fees	556,894	556,894	329,578
Engineering Plan Check Revenue	261,174	261,174	292,443
Camelback Ranch Rev-Fire	60,350	60,350	96,249
Traffic Engineering Plan Check	50,425	50,425	65,468
Court Revenue	64,012	64,012	60,502
Security Revenue	-	-	33,085
Health Care Revenue	69,742	69,742	31,020
Equipment Rental	28,467	28,467	18,295

City of Glendale
Revenues Other Than Property Taxes
Fiscal Year 2020

SOURCE OF REVENUES	ESTIMATED REVENUES 2019	ACTUAL REVENUES* 2019	ESTIMATED REVENUES 2020
Fines and forfeits			
Court Revenue	3,025,859	3,025,859	2,859,952
Miscellaneous	284,951	284,951	334,064
Library Fines/Fees	150,707	150,707	11,728
Interest on investments			
Interest	466,538	466,538	373,776
Contributions			
Voluntary contributions			
Miscellaneous			
Miscellaneous	4,093,580	4,093,580	6,254,208
City Property Rental	1,013,388	1,013,388	994,135
Lease Proceeds	567,091	567,091	556,137
Cemetery Revenue	194,596	194,596	202,030
Fire Department Other Fees	238,126	238,126	140,926
Library Fines/Fees	152,766	152,766	11,888
Total General Fund	\$ 218,782,600	\$ 218,782,600	\$ 230,095,737

SPECIAL REVENUE FUNDS

Public Facilities and Events Funds

Recreation Revenue	\$ 6,000	\$ 6,000	\$ 6,000
Interest	480	480	480
	\$ 6,480	\$ 6,480	\$ 6,480

Community Services Grants

Grants	\$ 7,875,004	\$ 7,875,004	\$ 7,919,572
Miscellaneous	85,211	85,211	85,211
	\$ 7,960,215	\$ 7,960,215	\$ 8,004,783

Other Grants

Grants	\$ 15,416,760	\$ 15,416,760	\$ 15,416,760
Miscellaneous	407,885	407,885	407,885
	\$ 15,824,645	\$ 15,824,645	\$ 15,824,645

Public Safety Funds

City Sales Tax	\$ 15,497,600	\$ 15,497,600	\$ 16,117,504
City Sales Tax - PS .4	10,662,165	10,662,165	11,088,651
State Forfeitures	1,000,000	1,000,000	1,000,000
Federal Forfeitures	15,000	15,000	15,000
Miscellaneous	-	-	-
Interest	-	-	-
	\$ 27,174,765	\$ 27,174,765	\$ 28,221,155

City of Glendale
Revenues Other Than Property Taxes
Fiscal Year 2020

SOURCE OF REVENUES	ESTIMATED REVENUES 2019	ACTUAL REVENUES* 2019	ESTIMATED REVENUES 2020
Transportation/HURF Funds			
City Sales Tax	\$ 27,097,175	\$ 27,097,175	\$ 30,308,943
Highway User Revenues	15,759,575	15,759,575	16,724,349
Grants	7,821,236	7,821,236	4,050,000
Airport Fees	555,831	555,831	555,831
LTAf - Lottery	-	-	-
Miscellaneous CD Fees	-	-	200,000
Interest	200,000	200,000	160,000
Miscellaneous	279,635	279,635	133,038
Transit Revenue	124,000	124,000	124,000
Miscellaneous	19,000	19,000	19,000
	<u>\$ 51,856,452</u>	<u>\$ 51,856,452</u>	<u>\$ 52,275,161</u>
Intergovernmental			
Partner Revenue	\$ 393,736	\$ 393,736	\$ 393,736
Miscellaneous	30,000	30,000	30,000
	<u>\$ 423,736</u>	<u>\$ 423,736</u>	<u>\$ 423,736</u>
Fines and forfeits			
Court Revenue	\$ 416,700	\$ 416,700	\$ 416,700
	<u>\$ 416,700</u>	<u>\$ 416,700</u>	<u>\$ 416,700</u>
Interest on investments			
Interest	\$ 6,390	\$ 6,390	\$ 1,590
	<u>\$ 6,390</u>	<u>\$ 6,390</u>	<u>\$ 1,590</u>
Miscellaneous			
Miscellaneous	\$ 375,000	\$ 375,000	\$ 556,520
Other	90,000	90,000	90,000
	<u>\$ 465,000</u>	<u>\$ 465,000</u>	<u>\$ 646,520</u>
Total Special Revenue Funds	<u>\$ 104,134,383</u>	<u>\$ 104,134,383</u>	<u>\$ 105,820,770</u>
DEBT SERVICE FUNDS			
Miscellaneous	\$ 500,521	\$ 500,521	\$ 236,914
	<u>\$ 500,521</u>	<u>\$ 500,521</u>	<u>\$ 236,914</u>
Total Debt Service Funds	<u>\$ 500,521</u>	<u>\$ 500,521</u>	<u>\$ 236,914</u>
CAPITAL PROJECTS FUNDS			
Development Impact Fee Funds			
Development Impact Fees	\$ 1,303,941	\$ 1,303,941	\$ 1,303,941
Interest	67,804	67,804	67,804
	<u>\$ 1,371,745</u>	<u>\$ 1,371,745</u>	<u>\$ 1,371,745</u>
G.O. Bond Funds			
Bond Proceeds	\$ 17,075,343	\$ 17,075,343	\$ -
	<u>\$ 17,075,343</u>	<u>\$ 17,075,343</u>	<u>\$ -</u>
Total Capital Projects Funds	<u>\$ 18,447,088</u>	<u>\$ 18,447,088</u>	<u>\$ 1,371,745</u>

City of Glendale
Revenues Other Than Property Taxes
Fiscal Year 2020

SOURCE OF REVENUES	ESTIMATED REVENUES 2019	ACTUAL REVENUES* 2019	ESTIMATED REVENUES 2020
PERMANENT FUNDS			
Cemetery Perpetual Care			
Interest	\$ 26,000	\$ 26,000	\$ 26,000
	\$ 26,000	\$ 26,000	\$ 26,000
Total Permanent Funds	\$ 26,000	\$ 26,000	\$ 26,000
ENTERPRISE FUNDS			
Water/Sewer Funds			
Water Revenues	\$ 49,842,690	\$ 49,842,690	\$ 53,612,033
Sewer Revenue	35,117,289	35,117,289	34,464,498
Intergovernmental Agreement	-	-	38,898,000
Bond Proceeds	-	-	28,000,000
Miscellaneous	445	445	342
Staff & Adm Chargebacks	82,000	82,000	82,000
Facility Rental Income	4,648	4,648	9,296
Interest	68,000	68,000	400,000
Miscellaneous	88,994	88,994	-
Water Revenues	118,925	118,925	127,919
Water Revenues	622,938	622,938	670,048
Sewer Revenue	87,121	87,121	85,502
Miscellaneous	3,605,832	3,605,832	2,777,658
Water Development Impact Fees	553,846	553,846	1,046,154
Sewer Development Impact Fees	346,154	346,154	653,846
City Property Rental	50,352	50,352	100,704
	\$ 90,589,234	\$ 90,589,234	\$ 160,928,000
Landfill			
Tipping Fees	\$ 5,677,825	\$ 5,677,825	\$ 5,998,957
Internal Charges	2,938,079	2,938,079	3,110,316
Bond Proceeds	-	-	2,400,000
Recycling Sales	1,596,967	1,596,967	1,000,000
Staff & Adm Chargebacks	431,000	431,000	431,000
Miscellaneous	215,000	215,000	147,153
Miscellaneous	118,045	118,045	124,722
Interest	45,905	45,905	24,900
	\$ 11,022,821	\$ 11,022,821	\$ 13,237,048
Solid Waste			
Residential Sanitation	\$ 13,733,071	\$ 13,733,071	\$ 14,739,384
Commercial Sanitation Frontload	3,143,428	3,143,428	3,363,468
Commercial Sanitation Rolloff	697,410	697,410	746,229
Internal Charges	179,224	179,224	166,030
Miscellaneous	120,719	120,719	114,655
Miscellaneous Bin Service	71,041	71,041	86,315
Interest	3,015	3,015	3,015
	\$ 17,947,908	\$ 17,947,908	\$ 19,219,096
Pub Housing Budget Activities			
Grants	\$ 15,519,078	\$ 15,519,078	\$ 15,519,078
	\$ 15,519,078	\$ 15,519,078	\$ 15,519,078
Total Enterprise Funds	\$ 135,079,041	\$ 135,079,041	\$ 208,903,222

City of Glendale
Revenues Other Than Property Taxes
Fiscal Year 2020

SOURCE OF REVENUES	ESTIMATED REVENUES 2019	ACTUAL REVENUES* 2019	ESTIMATED REVENUES 2020
INTERNAL SERVICE FUNDS			
Risk Management Self Insurance			
Internal Charges	\$ 3,056,466	\$ 3,056,466	\$ 4,251,585
Security Revenue	30,000	30,000	30,000
Interest	20,000	20,000	20,000
Miscellaneous	100,000	100,000	100,000
	<u>\$ 3,206,466</u>	<u>\$ 3,206,466</u>	<u>\$ 4,401,585</u>
Workers Comp. Self Insurance			
Internal Charges	\$ 1,299,278	\$ 1,299,278	\$ 2,669,415
Security Revenue	30,000	30,000	30,000
Interest	26,000	26,000	26,000
	<u>\$ 1,355,278</u>	<u>\$ 1,355,278</u>	<u>\$ 2,725,415</u>
Benefits Trust Fund			
City Contributions	\$ 19,660,167	\$ 19,660,167	\$ 19,966,575
Employee Contributions	6,362,915	6,362,915	6,462,081
Retiree Contributions	4,825,836	4,825,836	4,901,048
Miscellaneous	104,553	104,553	106,182
Right-of-Way Permits	1,620	1,620	1,645
Interest	780	780	792
	<u>\$ 30,955,871</u>	<u>\$ 30,955,871</u>	<u>\$ 31,438,323</u>
Fleet Services			
Internal Charges	\$ 9,400,610	\$ 9,400,610	\$ 9,551,394
	<u>\$ 9,400,610</u>	<u>\$ 9,400,610</u>	<u>\$ 9,551,394</u>
Technology			
Internal Charges	\$ 8,752,070	\$ 8,752,070	\$ 9,053,992
	<u>\$ 8,752,070</u>	<u>\$ 8,752,070</u>	<u>\$ 9,053,992</u>
Technology Projects			
Internal Charges	\$ 1,154,676	\$ 1,154,676	\$ 1,556,182
	<u>\$ 1,154,676</u>	<u>\$ 1,154,676</u>	<u>\$ 1,556,182</u>
Total Internal Service Funds	<u>\$ 54,824,971</u>	<u>\$ 54,824,971</u>	<u>\$ 58,726,891</u>
TOTAL ALL FUNDS	<u>\$ 531,794,604</u>	<u>\$ 531,794,604</u>	<u>\$ 605,181,279</u>

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

City of Glendale
Other Financing Sources/(Uses) and Interfund Transfers
Fiscal Year 2020

FUND	OTHER FINANCING 2020		INTERFUND TRANSFERS 2020	
	SOURCES	(USES)	IN	(OUT)
GENERAL FUND				
1000-General Fund	\$	\$	\$ 28,576,155	\$ 43,900,865
1020-Vehicle Replacement			3,000,000	
Total General Fund	\$	\$	\$ 31,576,155	\$ 43,900,865
SPECIAL REVENUE FUNDS				
2050-Highway User Gas Tax	\$	\$		\$ 5,890,395
2070-Transportation Sales Tax				14,920,544
2080-Police Special Revenue				19,364,660
2090-Fire Special Revenue				9,211,495
2130-Airport Special Revenue			147,047	
2140-CAP Grant			64,299	
2200-Training Facility Revenue			1,901,280	
Total Special Revenue Funds	\$	\$	\$ 2,112,626	\$ 49,387,094
DEBT SERVICE FUNDS				
3010-General Obligation Debt Serv	\$	\$	\$	\$
3020-HURF Debt Service				
3030-MPC Debt Service			16,174,794	
3040-Transportation Debt Service			7,043,044	
3050-Excise Tax Debt Service			16,915,571	
Total Debt Service Funds	\$	\$	\$ 40,133,409	\$
CAPITAL PROJECTS FUNDS				
1080-General Government Capital Prj	\$	\$	\$ 4,137,000	\$
4010-Streets Construction				
4020-Hurf Streets Construction			5,890,395	
4030-Transportation Capital Proj			7,877,500	
4250-DIF Citywide REC/FAC sb 1525				
Total Capital Projects Funds	\$	\$	\$ 17,904,895	\$
PERMANENT FUNDS				
Total Permanent Funds	\$	\$	\$	\$
ENTERPRISE FUNDS				
6020-Water	\$	\$	\$ 396,479	\$ 25,095,483
6040-Water and Sewer Bond Debt Svc			25,095,483	
6110-Landfill			653,379	
6120-Solid Waste			124,453	
6130-Housing Public Activities			386,563	
Total Enterprise Funds	\$	\$	\$ 26,656,357	\$ 25,095,483
INTERNAL SERVICE FUNDS				
Total Internal Service Funds	\$	\$	\$	\$
TOTAL ALL FUNDS	\$	\$	\$ 118,383,442	\$ 118,383,442

**City of Glendale
Expenditures/Expenses by Fund
Fiscal Year 2020**

FUND/DEPARTMENT	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2019	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2019	ACTUAL EXPENDITURES/ EXPENSES* 2019	BUDGETED EXPENDITURES/ EXPENSES 2020
GENERAL FUND				
Budget and Finance	\$ 4,870,067	\$ -	\$ 4,875,267	\$ 5,231,609
City Attorney's Office	3,750,234	-	3,750,234	3,791,124
City Auditor	396,173	-	396,173	410,043
City Clerk	844,982	-	844,982	769,898
City Court	4,941,221	-	4,927,762	5,185,785
City Manager's Office	976,774	92,000	1,068,774	1,673,591
Community Services	6,347,528	-	6,347,528	7,243,059
Development Services	6,292,825	-	6,262,890	6,759,146
Economic Development	1,150,444	-	1,150,444	1,350,719
Engineering	2,160,537	-	2,160,537	2,128,325
Field Operations	7,498,894	-	8,518,407	9,706,831
Fire Services	45,015,802	(0)	45,004,622	48,105,904
Human Resources	1,921,996	-	1,921,996	2,202,620
Mayor & Council Office	1,535,666	-	1,535,666	1,686,022
Non-Departmental	12,942,682	6,950,000	19,892,682	11,841,250
Police Services	92,526,966	-	92,910,580	96,096,734
Public Affairs	2,398,963	-	2,398,963	2,507,099
Public Facilit Recr&Spec Events	13,808,715	412,334	14,264,965	14,149,400
Transportation	1,126,332	-	1,124,364	1,142,459
Contingency	2,000,000	(1,164,334)	835,666	1,849,773
Total General Fund	\$ 212,506,801	\$ 6,290,000	\$ 220,192,501	\$ 223,831,389
SPECIAL REVENUE FUNDS				
City Court	\$ 590,845	\$ -	\$ 594,991	\$ 574,709
Community Services	9,744,501	464,250	7,067,471	9,745,879
Engineering	3,285,232	-	3,285,232	3,127,535
Field Operations	630,064	-	658,030	954,895
Fire Services	5,987,366	301,616	6,288,982	6,021,690
Grant Non-Departmental	200,000	731,102	931,102	200,000
Police Services	8,320,299	41,412	8,361,711	7,325,577
Public Facilit Recr&Spec Events	336,042	-	315,776	278,421
Transportation	27,842,308	(323,160)	27,474,085	28,960,727
Undefined Department	5,280,315	4,177,680	5,280,315	5,089,527
Water Services	-	-	-	-
Contingency	2,820,000	(2,800,000)	20,000	-
Total Special Revenue Funds	\$ 65,036,972	\$ 2,592,900	\$ 60,277,695	\$ 62,278,961
DEBT SERVICE FUNDS				
Excise Tax Debt Service	\$ 16,820,271	\$ -	\$ 16,820,271	\$ 16,915,571
General Obligation Debt Serv	25,914,169	-	25,914,169	20,848,833
HURF Debt Service	-	-	-	-
MPC Debt Service	15,969,362	-	15,969,362	16,974,794
Transportation Debt Service	7,043,761	-	7,043,761	7,043,044
Total Debt Service Funds	\$ 65,747,563	\$ -	\$ 65,747,563	\$ 61,782,242

**City of Glendale
Expenditures/Expenses by Fund
Fiscal Year 2020**

FUND/DEPARTMENT	ADOPTED BUDGETED EXPENDITURES/ EXPENSES 2019	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED 2019	ACTUAL EXPENDITURES/ EXPENSES* 2019	BUDGETED EXPENDITURES/ EXPENSES 2020
CAPITAL PROJECTS FUNDS				
Budget and Finance	\$ 635,124	\$ (31,688)	\$ 603,436	\$ 150,000
City Attorney's Office	-	-	-	-
City Auditor	-	-	-	-
City Clerk	-	-	-	-
City Court	-	-	-	-
City Manager's Office	-	-	-	-
Community Services	446,643	(6,615)	440,028	123,808
Development Services	-	-	-	-
Economic Development	-	-	-	-
Engineering	3,213,784	(277,703)	2,936,081	2,738,056
Field Operations	4,484,685	1,364,606	5,849,291	6,956,566
Fire Services	519,425	1,438,000	1,957,425	953,268
Human Resources	-	-	-	-
Innovation and Technology	262,847	-	262,847	188,850
Mayor & Council Office	-	31,688	31,688	50,083
Non-Departmental	-	-	-	-
Police Services	3,789,250	(1,161,440)	2,627,810	-
Public Affairs	-	-	-	-
Public Facilit Recr&Spec Events	6,248,137	(507,075)	5,743,062	3,390,607
Transportation	52,995,216	(11,194,798)	41,800,418	36,001,365
Contingency	10,097,611	-	10,097,611	13,024,490
	-	-	-	-
Total Capital Projects Funds	\$ 82,692,722	\$ (10,345,025)	\$ 72,349,697	\$ 63,577,093
PERMANENT FUNDS				
Contingency	\$ 5,814,676	\$ -	\$ 5,814,676	\$ 5,814,676
Total Permanent Funds	\$ 5,814,676	\$ -	\$ 5,814,676	\$ 5,814,676
ENTERPRISE FUNDS				
Budget and Finance	\$ 3,144,936	\$ -	\$ 3,144,936	\$ 3,233,639
Community Services	15,433,635	-	15,433,635	14,703,077
Debt Service	25,462,783	-	25,462,783	25,095,483
Development Services	-	-	-	-
Field Operations	34,339,216	667,622	34,947,815	35,742,636
Water Services	111,912,272	2,098,351	113,374,508	172,285,257
Contingency	2,900,000	-	2,900,000	3,100,000
Total Enterprise Funds	\$ 193,192,842	\$ 2,765,973	\$ 195,263,677	\$ 254,160,092
INTERNAL SERVICE FUNDS				
Human Resources	\$ 36,205,938	\$ 1,000,000	\$ 37,205,938	\$ 38,460,286
Innovation and Technology	12,789,567	-	12,795,567	13,964,162
Field Operations	9,400,610	-	9,885,774	9,551,394
Budget and Finance	3,612,309	(1,303,848)	2,308,461	579,705
Contingency	2,000,000	(1,000,000)	1,000,000	2,000,000
Total Internal Service Funds	\$ 64,008,424	\$ (1,303,848)	\$ 63,195,740	\$ 64,555,547
TOTAL ALL FUNDS	\$ 689,000,000	\$ -	\$ 682,841,550	\$ 736,000,000

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

**City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2020**

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED	ACTUAL EXPENDITURES/ EXPENSES*	BUDGETED EXPENDITURES/ EXPENSES
	2019	2019	2019	2020
City Attorney				
1000-General Fund	\$ 3,750,234	\$ -	\$ 3,750,234	\$ 3,791,124
City Attorney Total	\$ 3,750,234	\$ -	\$ 3,750,234	\$ 3,791,124
City Auditor				
1000-General Fund	\$ 396,173	\$ -	\$ 396,173	\$ 410,043
City Auditor Total	\$ 396,173	\$ -	\$ 396,173	\$ 410,043
City Clerk				
1000-General Fund	\$ 844,982	\$ -	\$ 844,982	\$ 769,898
City Clerk Total	\$ 844,982	\$ -	\$ 844,982	\$ 769,898
City Court				
1000-General Fund	\$ 4,941,221	\$ -	\$ 4,927,762	\$ 5,185,785
2120-Court Security Bonds	590,845	-	594,991	574,709
City Court Total	\$ 5,532,066	\$ -	\$ 5,522,753	\$ 5,760,494
City Manager				
1000-General Fund	\$ 976,774	\$ 92,000	\$ 1,068,774	\$ 1,673,591
City Manager Total	\$ 976,774	\$ 92,000	\$ 1,068,774	\$ 1,673,591
Community Services				
1000-General Fund	\$ 6,347,528	\$ -	\$ 6,347,528	\$ 7,243,059
1080-General Government Capital Prj	-	-	-	-
2010-Home Grant	1,678,454	-	674,424	1,678,454
2020-Neighborhood Stabilization	227,349	-	25,049	227,472
2030-Neighborhood Stabilization Pgm3	227,300	-	25,000	227,300
2040-CDBG	4,248,215	-	2,495,055	4,172,013
2110-Arts Commission	1,296,454	-	1,296,454	1,253,141
2140-CAP Grant	1,332,737	464,250	1,796,987	1,403,507
2150-Emergency Shelter Grant	208,992	-	229,502	258,992
2160-Other Grants	525,000	-	525,000	525,000
4100-Library Construction	-	-	-	-
4120-DIF library Building sb1525	-	-	-	-
4270-DIF Libraries sb 1525	446,643	(6,615)	440,028	123,808
6130-Housing Public Activities	15,433,635	-	15,433,635	14,703,077
Community Services Total	\$ 31,972,307	\$ 457,635	\$ 29,288,662	\$ 31,815,823

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2020

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED	ACTUAL EXPENDITURES/ EXPENSES*	BUDGETED EXPENDITURES/ EXPENSES
	2019	2019	2019	2020
Contingency				
1000-General Fund	\$ 2,000,000	\$ (1,164,334)	\$ 835,666	\$ 1,849,773
2050-Highway User Gas Tax	720,000	(700,000)	20,000	-
2070-Transportation Sales Tax	2,100,000	(2,100,000)	-	-
2160-Other Grants	-	-	-	-
4040-Public Safety Construction	259,479	-	259,479	897,479
4050-Parks Construction	-	-	-	207,726
4090-Open Space/Trail Construction	226,795	-	226,795	199,863
4120-DIF library Building sb1525	56,105	-	56,105	1,812,609
4130-DIF Fire Prot Facilit sb1525	2,123,794	-	2,123,794	1,940,676
4180-DIF Police Facilities sb 1525	950,251	-	950,251	950,521
4230-DIF Citywide Parks sb 1525	3,181	-	3,181	236,395
4270-DIF Libraries sb 1525	93,277	-	93,277	1,558,332
4290-DIF Citywide Open Space	154,482	-	154,482	334,287
4300-DIF Parks Dev Zone 1 sb 1525	201,472	-	201,472	65,240
4340-DIF-Parks & Rec Zone 3 West303	11,350	-	11,350	752,892
4350-DIF Parks & Rec Zone 2 sb 1525	-	-	-	-
4370-DIF Parks Dev Zone 3 sb1525	2,175	-	2,175	14,809
4390-DIF Roadway Improve sb1525	5,865,872	-	5,865,872	3,907,202
4440-DIF General Government	149,378	-	149,378	146,459
6020-Water	2,200,000	-	2,200,000	2,400,000
6110-Landfill	500,000	-	500,000	500,000
6120-Solid Waste	200,000	-	200,000	200,000
7010-Risk Management Self Insurance	1,000,000	(1,000,000)	-	1,000,000
7020-Workers Comp Self Insurance	1,000,000	-	1,000,000	1,000,000
8010-Cemetery	5,814,676	-	5,814,676	5,814,676
Contingency Total	\$ 25,632,287	\$ (4,964,334)	\$ 20,667,953	\$ 25,788,939
Mayor & Council Office				
1000-General Fund	\$ 1,535,666	\$ -	\$ 1,535,666	\$ 1,686,022
1080-General Government Capital Prj	-	31,688	31,688	50,083
Mayor & Council Office Total	\$ 1,535,666	\$ 31,688	\$ 1,567,354	\$ 1,736,105
Development Services				
1000-General Fund	\$ 6,292,825	\$ -	\$ 6,262,890	\$ 6,759,146
Development Services Total	\$ 6,292,825	\$ -	\$ 6,262,890	\$ 6,759,146
Economic Development				
1000-General Fund	\$ 1,150,444	\$ -	\$ 1,150,444	\$ 1,350,719
Economic Development Total	\$ 1,150,444	\$ -	\$ 1,150,444	\$ 1,350,719
Budget and Finance				
1000-General Fund	\$ 4,870,067	\$ -	\$ 4,875,267	\$ 5,231,609
1080-General Government Capital Prj	635,124	(31,688)	603,436	150,000
6020-Water	3,144,936	-	3,144,936	3,233,639
7070-Citywide ERP Solution	3,612,309	(1,303,848)	2,308,461	579,705
3010-General Obligation Debt Serv	25,914,169	-	25,914,169	20,848,833
3030-MPC Debt Service	15,969,362	-	15,969,362	16,974,794
3050-Excise Tax Debt Service	16,820,271	-	16,820,271	16,915,571
Budget and Finance Total	\$ 70,966,238	\$ (1,335,536)	\$ 69,635,902	\$ 63,934,152

City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2020

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED	ACTUAL EXPENDITURES/ EXPENSES*	BUDGETED EXPENDITURES/ EXPENSES
	2019	2019	2019	2020
Engineering				
1000-General Fund	\$ 2,160,537	\$ -	\$ 2,160,537	\$ 2,128,325
1080-General Government Capital Prj	-	-	-	-
2050-Highway User Gas Tax	2,955,232	-	2,955,232	2,822,535
2070-Transportation Sales Tax	330,000	-	330,000	305,000
4070-Economic Development	-	-	-	1,007,567
4110-Flood Control Construction	3,213,784	(277,703)	2,936,081	1,730,489
Engineering Total	\$ 8,659,553	\$ (277,703)	\$ 8,381,850	\$ 7,993,916
Field Operations				
1000-General Fund	\$ 5,206,704	\$ -	\$ 6,226,217	\$ 6,201,305
1020-Vehicle Replacement	2,292,190	-	2,292,190	3,505,526
1080-General Government Capital Prj	4,484,685	1,364,606	5,849,291	6,156,566
2200-Training Facility Revenue	630,064	-	658,030	954,895
4040-Public Safety Construction	-	-	-	800,000
6110-Landfill	16,220,151	(154,315)	16,025,244	16,900,589
6120-Solid Waste	18,119,065	821,937	18,922,571	18,842,047
7040-Fleet Services	9,400,610	-	9,885,774	9,551,394
Field Operations Total	\$ 56,353,469	\$ 2,032,228	\$ 59,859,317	\$ 62,912,322
Fire Services				
1000-General Fund	\$ 45,015,802	\$ (0)	\$ 45,004,622	\$ 48,105,904
1080-General Government Capital Prj	503,771	-	503,771	-
2160-Other Grants	5,028,831	301,616	5,330,447	5,028,831
2200-Training Facility Revenue	958,535	-	958,535	992,859
4040-Public Safety Construction	-	1,438,000	1,438,000	952,753
4130-DIF Fire Prot Facilit sb1525	15,654	-	15,654	515
Fire Services Total	\$ 51,522,593	\$ 1,739,616	\$ 53,251,029	\$ 55,080,863
HR & Risk Mgt				
1000-General Fund	\$ 1,921,996	\$ -	\$ 1,921,996	\$ 2,202,620
1080-General Government Capital Prj	-	-	-	-
7010-Risk Management Self Insurance	2,959,242	1,000,000	3,959,242	4,053,491
7020-Workers Comp Self Insurance	2,290,825	-	2,290,825	2,968,471
7030-Benefits Trust	30,955,871	-	30,955,871	31,438,324
HR & Risk Mgt Total	\$ 38,127,934	\$ 1,000,000	\$ 39,127,934	\$ 40,662,906
Innovation & Technology				
4080-Cultural Facility	\$ 262,847	\$ -	\$ 262,847	\$ 188,850
7050-Technology	9,070,463	-	9,076,463	9,053,992
7060-Technology Projects	3,719,104	-	3,719,104	4,910,170
Innovation & Technology Total	\$ 13,052,414	\$ -	\$ 13,058,414	\$ 14,153,012
Public Affairs				
1000-General Fund	\$ 2,398,963	\$ -	\$ 2,398,963	\$ 2,507,099
Public Affairs Total	\$ 2,398,963	\$ -	\$ 2,398,963	\$ 2,507,099

**City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2020**

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED	ACTUAL EXPENDITURES/ EXPENSES*	BUDGETED EXPENDITURES/ EXPENSES
	2019	2019	2019	2020
Misc. Grants & Misc Capital Grants				
2160-Other Grants	\$ 5,280,315	\$ 4,177,680	\$ 5,280,315	\$ 5,089,527
Misc. Grants & Misc Capital Grants Total	\$ 5,280,315	\$ 4,177,680	\$ 5,280,315	\$ 5,089,527
Non-Departmental				
1000-General Fund	\$ 12,942,682	\$ 6,950,000	\$ 19,892,682	\$ 11,841,250
2100-Utility Bill Donation	200,000	-	200,000	200,000
2160-Other Grants	-	731,102	731,102	-
Non-Departmental Total	\$ 13,142,682	\$ 7,681,102	\$ 20,823,784	\$ 12,041,250
Police Services				
1000-General Fund	\$ 92,526,966	\$ -	\$ 92,910,580	\$ 96,096,734
1080-General Government Capital Prj	-	276,560	276,560	-
2160-Other Grants	5,051,270	41,412	5,092,682	5,198,475
2170-Rico Funds	2,880,975	-	2,880,975	1,725,143
2200-Training Facility Revenue	388,054	-	388,054	401,959
4040-Public Safety Construction	3,789,250	(1,438,000)	2,351,250	-
Police Services Total	\$ 104,636,515	\$ (1,120,028)	\$ 103,900,101	\$ 103,422,311
Public Facilities & Events				
1000-General Fund	\$ 13,808,715	\$ 412,334	\$ 14,264,965	\$ 14,149,400
1080-General Government Capital Prj	-	-	-	-
2160-Other Grants	273,152	-	273,152	215,521
2180-Park and Rec Designated	62,890	-	42,624	62,900
4040-Public Safety Construction	-	-	-	-
4050-Parks Construction	170,795	(6,245)	164,550	337,078
4080-Cultural Facility	263,019	(151,708)	113,311	45,530
4090-Open Space/Trail Construction	65,056	-	65,056	26,932
4120-DIF library Building sb1525	1,755,029	-	1,755,029	63,480
4230-DIF Citywide Parks sb 1525	230,896	-	230,896	1,526
4240-DIF Citywide Parks	107,957	-	107,957	211,834
4250-DIF Citywide REC/FAC sb 1525	753,642	(134,719)	618,923	758,886
4270-DIF Libraries sb 1525	1,194,393	(214,403)	979,990	51,212
4290-DIF Citywide Open Space	364,325	-	364,325	268,789
4300-DIF Parks Dev Zone 1 sb 1525	127,554	-	127,554	59,156
4310-DIF Parks Dev Zone 1	52,303	-	52,303	104,606
4320-DIF Parks and Rec Zone 1 East	317,578	-	317,578	452,578
4330-DIF Parks & Rec Zone 2 west 101	642,940	-	642,940	824,060
4350-DIF Parks & Rec Zone 2 sb 1525	-	-	-	-
4370-DIF Parks Dev Zone 3 sb1525	185,513	-	185,513	167,803
4380-DIF Parks Dev Zone 3	-	-	-	-
4440-DIF General Government	17,137	-	17,137	17,137
Public Facilities & Events Total	\$ 20,392,894	\$ (94,741)	\$ 20,323,803	\$ 17,818,429

**City of Glendale
Expenditures/Expenses by Department
Fiscal Year 2020**

DEPARTMENT/FUND	ADOPTED BUDGETED EXPENDITURES/ EXPENSES	EXPENDITURE/ EXPENSE ADJUSTMENTS APPROVED	ACTUAL EXPENDITURES/ EXPENSES*	BUDGETED EXPENDITURES/ EXPENSES
	2019	2019	2019	2020
Transportation				
1000-General Fund	\$ 1,126,332	\$ -	\$ 1,124,364	\$ 1,142,459
1080-General Government Capital Prj	-	-	-	-
2050-Highway User Gas Tax	7,563,581	-	7,564,475	10,171,294
2060-Transportation Grants	1,218,055	767,720	1,985,775	3,025,000
2070-Transportation Sales Tax	12,986,669	-	12,936,496	13,559,517
2130-Airport Special Revenue	775,378	-	779,595	854,916
2140-CAP Grant	-	-	-	-
2190-Airport Capital Grant	5,298,625	(1,090,880)	4,207,745	1,350,000
4010-Streets Construction	20,917,850	(8,346,353)	12,571,497	12,811,382
4020-Hurf Streets Construction	13,749,522	(5,379,840)	8,369,682	6,670,395
4030-Transportation Capital Proj	15,759,520	2,769,478	18,528,998	11,909,739
4060-Government Facilities	237,684	-	237,684	237,684
4330-DIF Parks &Rec Zone 2 west 101	-	-	-	62,000
4390-DIF Roadway Improve sb1525	49,553	-	49,553	-
4400-DIF Roadway Improve	1,521,076	(238,083)	1,282,993	-
4410-DIF Streets Zone 1 East	110,011	-	110,011	-
4420-DIF Streets Zone 2 West 101	650,000	-	650,000	4,310,165
3040-Transportation Debt Service	7,043,761	-	7,043,761	7,043,044
Transportation Total	\$ 89,007,617	\$ (11,517,958)	\$ 77,442,629	\$ 73,147,595
Water Services				
6020-Water	\$ 76,358,621	\$ 2,509,655	\$ 78,527,161	\$ 126,072,964
6030-Sewer	35,553,651	(411,304)	34,847,347	43,491,361
6060-Water DIF Zone 2 West 101	-	-	-	1,678,195
6090-Sewer DIF Zone 2 West 101	-	-	-	1,042,737
6040-Water and Sewer Bond Debt Svc	25,462,783	-	25,462,783	25,095,483
Water Services Total	\$ 137,375,055	\$ 2,098,351	\$ 138,837,291	\$ 197,380,740
TOTAL ALL DEPARTMENTS	\$ 689,000,000	\$	\$ 682,841,550	\$ 736,000,000

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

City of Glendale
Full-Time Employees and Personnel Compensation
Fiscal Year 2020

FUND	Full-Time Equivalent (FTE)	Employee Salaries and Hourly Costs	Retirement Costs	Healthcare Costs	Other Benefit Costs	Total Estimated Personnel Compensation
	2020	2020	2020	2020	2020	2020
GENERAL FUND						
1000-General Fund	1,238.25	\$ 105,623,635	\$ 34,166,648	\$ 16,457,014	\$ 9,350,643	\$ 165,597,940
Total General Fund	1,238.25	\$ 105,623,635	\$ 34,166,648	\$ 16,457,014	\$ 9,350,643	\$ 165,597,940
SPECIAL REVENUE FUNDS						
2010-Home Grant		\$	\$	\$	\$ 32,019	\$ 32,019
2020-Neighborhood Stabilization					25,000	25,000
2030-Neighborhood Stabilization Pgm					25,000	25,000
2040-CDBG	8.00	477,466	57,821	100,041	35,932	671,260
2050-Highway User Gas Tax	46.00	3,200,483	364,460	614,168	220,771	4,399,881
2060-Transportation Grants						
2070-Transportation Sales Tax	51.25	3,253,842	391,782	586,941	246,160	4,478,726
2110-Arts Commission	1.00	89,928	10,198	6,870	6,821	113,817
2120-Court Security Bonds	2.75	266,008	64,682	34,964	21,354	387,008
2130-Airport Special Revenue	6.00	387,055	46,982	59,608	29,914	523,558
2140-CAP Grant	6.50	415,034	50,065	105,921	29,185	600,204
2150-Emergency Shelter Grant					17,183	17,183
2160-Other Grants	13.00	5,917,140	466,673	194,757	86,538	6,665,107
2170-Rico Funds	1.00	52,000	6,297	18,894	28,473	105,664
2180-Park and Rec Designated		5,200			383	5,583
2200-Training Facility Revenue	9.00	696,961	214,440	117,788	45,964	1,075,153
Total Special Revenue Funds	144.50	\$ 14,761,118	\$ 1,673,399	\$ 1,839,951	\$ 850,695	\$ 19,125,163
DEBT SERVICE FUNDS						
Total Debt Service Funds		\$	\$	\$	\$	\$
CAPITAL PROJECTS FUNDS						
Total Capital Projects Funds		\$	\$	\$	\$	\$
PERMANENT FUNDS						
Total Permanent Funds		\$	\$	\$	\$	\$

City of Glendale
Full-Time Employees and Personnel Compensation
Fiscal Year 2020

FUND	Full-Time Equivalent (FTE)	Employee Salaries and Hourly Costs	Retirement Costs	Healthcare Costs	Other Benefit Costs	Total Estimated Personnel Compensation
	2020	2020	2020	2020	2020	2020
ENTERPRISE FUNDS						
6020-Water	193.25	\$ 12,822,852	\$ 1,528,458	\$ 2,420,638	\$ 999,135	\$ 17,771,084
6030-Sewer	46.00	2,843,921	333,255	564,532	206,098	3,947,806
6110-Landfill	44.50	2,711,322	315,618	432,194	203,266	3,662,399
6120-Solid Waste	74.50	4,237,960	458,760	911,272	274,978	5,882,970
6130-Housing Public Activities	19.00	1,211,659	142,884	259,958	87,007	1,701,508
Total Enterprise Funds	377.25	\$ 23,827,714	\$ 2,778,974	\$ 4,588,594	\$ 1,770,485	\$ 32,965,768
INTERNAL SERVICE FUND						
7010-Risk Management Self Insurar	2.00	\$ 188,133	\$ 22,834	\$ 19,103	\$ 14,872	\$ 244,941
7020-Workers Comp Self Insurance	2.00	139,233	16,920	25,917	10,583	192,652
7040-Fleet Services	34.00	2,057,670	248,786	418,063	160,681	2,885,200
7050-Technology	31.00	2,785,103	324,838	352,389	203,421	3,665,752
7070-Citywide ERP Solution						
Total Internal Service Fund	69.00	\$ 5,170,139	\$ 613,377	\$ 815,472	\$ 389,557	\$ 6,988,545
TOTAL ALL FUNDS	1,829.00	\$ 149,382,606	\$ 39,232,399	\$ 23,701,031	\$ 12,361,380	\$ 224,677,416

Section 4

FY 2020-2029

Capital Improvement
Plan

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 infrastructure is what 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 City 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;
- major equipment purchases such as landfill compactors, street sweepers and solid waste 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 necessary services such as water, sewer, trash services and provide 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, City 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?
- Are the projects part of an overall and updated Master Plan for the particular infrastructure?

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 Budget and Finance 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 construction and design costs, and other relevant variables. These financial projections are jointly developed by the Budget and Finance Department and the respective departments submitting the CIP projects in conjunction with the City Manager's Office. 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 unissued voter authorization for municipal bonds or maybe classified as high priority from City Council but not enough current available bond authorization;
- 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, other municipal governments and non-City utilities. For example, a street improvement project will be planned with any other infrastructure “underneath the street” that may undergo moving or replacement in order to minimize the amount of new street surface that may be cut or disturbed. 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.

CIP Project Prioritization Process

The role of a project prioritization process is to objectively rank the order of projects based upon a defined set of criteria where the criteria reflect values of the organization. At Council direction, city staff developed and implemented a new CIP project prioritization process. This year, this was implemented for projects expected to be funded with G.O. Bonds. As with any other capital funding source, G.O. Bond funding has limitations on available financial capacity to complete projects that fall within this category. In a planned CIP program, typically there are more projects that are submitted than there is financial capacity to complete.

A project ranking matrix was developed and approved by City Council to apply to proposed G.O. Bond projects in the 10-Year CIP Plan. It is an evaluating tool for capital projects to be ranked according to criteria that is distinctively important to the City. The following weighted ranking criteria were used to evaluate projects, and representing themes and objectives in the City’s overall strategic plan, as follows:

- 1) Mandated Projects – These are capital projects that are required by law or contract, and would likely result in sanctions or penalties to the City if not completed. These are automatically ranked with the maximum points allowable.
- 2) Assessing Operational Costs – These costs most likely will have an impact on the General Fund. It is important to consider those impacts and apply a scoring methodology that aligns with Council expectations for minimizing the potential risks of those impacts to the long-term financial health of the City.

- 3) Aligning with Strategy – A key focus of the work that Council has been engaged in over the last year is creating organizational alignment around Council-adopted strategic objectives; inclusion of this category in the project ranking matrix model reinforces Council’s vision and is also a best practice.
- 4) Protecting the Public – Creates an emphasis on projects that would mitigate a public health, welfare, and safety impact.
- 5) Leveraging External Funding –The ability to leverage outside funding sources (revenue, grants, IGA cost share, Developer Agreement) mitigates the City’s financial impact to fund a capital project. This criteria measures and scores how much external funding and proposed timeframe of the City receiving those funds.
- 6) Quality of Life – Provides capital infrastructure and the project’s ability to improve the overall quality of life for Glendale’s citizens and visitors.
- 7) Planning for the Future – Highlights the importance of long-range planning by using Council-approved master plans. These are master plans that are generally developed through a public input process and formally adopted by City Council. This criterion ensures the ability to capture the voice of the community as future funding decisions are made.
- 8) Generating Revenue – Creates a focus on projects that either increase or help maintain existing revenue streams.

Once the G.O. Bond projects were ranked, their estimated project costs and ranking were applied to the available G.O. Bond capacity starting in FY 21-22. The current FY19-28 CIP program reflects the G.O. Bond projects that have made the highest priority out of all G.O. Bond projects submitted for the FY19-28 CIP program. Some projects may not have available bond authorization but nonetheless have been deemed as a high priority by City Council based on the aforementioned priority ranking criteria.

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 Arts Commission, and the Citizens Utilities Advisory Commission. 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

The City uses G.O. Bonds to fund facility, infrastructure and equipment capital improvements for capital programs such as Transportation, Parks and Recreation, Cultural Facilities, Flood Control, Government Facilities, Libraries, Public Safety, and City Court. G.O. bonds are backed by "the full faith and credit" of the city and the debt service (principal and interest) on the bonds is repaid from secondary property taxes levied each fiscal year during the budget process. 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. Ongoing maintenance and operating costs are generally paid out of the General Fund.

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: streets, 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. DIF revenue alone rarely is sufficient to fund 100% of the cost of growth-related projects. Therefore, given these circumstances, the current capital plan reflects very little spending of impact fees.

Enterprise and Other Projects

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

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

Solid Waste Revenue Funded Projects: Unlike Water/Sewer and Landfill, the capital plan for Solid waste is not usually funded with revenue bonds. Instead solid waste 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 by the State of Arizona and is known as Highway User Revenue Fund (HURF). 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

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.

Pay-As-You-Go (PAYGO) - Capital and Operating Budget Projects: Some capital improvements are paid for on a cash basis and are either included in the capital budget and/or as part of the departments operating budgets on a pay-as-you-go basis. PAYGO is used in order to avoid the interest costs that may be incurred when using other financing instruments. 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, especially new building facilities, entails additional ongoing expenses for routine operation, repair and maintenance upon completion that must be incorporated into the operating budget. Some CIP projects may include additional staff in order to physically maintain the additional inventory of new buildings. Also, some new capital facilities may require the addition of new positions from the requesting department in order to operate the new building (new fire station, new firefighters). 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.

For G.O. Bond funded capital projects, operating costs are now empirically evaluated and is part of project prioritization matrix scoring criteria. Non-G.O. Bond projects, are still 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. Also, realistic timelines and cashflows of projects have to be considered based on throughput of available manpower and forecasted revenue streams.

Many improvements make a positive contribution to the fiscal well-being 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.

CITY OF GLENDALE
FY2020-FY2029 CAPITAL IMPROVEMENT PROGRAM
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FY 2020-2029 Capital Improvement Program

CIP Summary by Project Type

Project Type	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
Airport	\$0	\$1,500,000	\$3,650,000	\$2,450,000	\$2,600,000	\$2,150,000	\$750,000	\$13,100,000
Arts	\$846,050	\$142,943	\$0	\$0	\$0	\$0	\$0	\$988,993
Drainage	\$1,159,212	\$314,700	\$314,700	\$14,352,430	\$0	\$0	\$5,672,745	\$21,813,787
Facility Maintenance	\$1,669,566	\$3,673,000	\$4,239,700	\$14,673,000	\$16,890,480	\$12,890,480	\$120,698,490	\$174,734,716
Landfill	\$1,398,527	\$5,845,659	\$3,020,396	\$11,415,000	\$4,895,000	\$4,175,000	\$17,006,000	\$47,755,582
Library	\$369,267	\$0	\$0	\$0	\$1,059,078	\$4,914,116	\$7,456,900	\$13,799,361
Parking Lots	\$0	\$0	\$0	\$0	\$0	\$0	\$4,648,689	\$4,648,689
Parks	\$1,548,857	\$1,354,413	\$176,795	\$17,383,410	\$13,382,049	\$14,789,957	\$23,748,533	\$72,384,014
Public Safety	\$1,304,301	\$1,264,000	\$8,027,000	\$2,870,000	\$23,503,490	\$24,365,790	\$70,770,286	\$132,104,867
Solid Waste	\$0	\$2,774,046	\$3,132,455	\$3,392,674	\$3,479,747	\$2,121,961	\$11,713,501	\$26,614,384
Streets	\$12,538,863	\$25,212,239	\$19,690,824	\$16,180,071	\$11,925,295	\$9,595,000	\$31,845,000	\$126,987,292
Technology	\$579,705	\$0	\$0	\$0	\$0	\$0	\$0	\$579,705
Transit	\$256,011	\$652,500	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$3,033,511
Wastewater	\$7,210,357	\$22,127,762	\$18,971,000	\$17,252,000	\$10,300,000	\$14,375,950	\$43,150,000	\$133,387,069
Water	\$23,449,406	\$63,924,930	\$36,522,105	\$16,791,163	\$12,600,000	\$16,000,000	\$131,973,225	\$301,260,829
Grand Total	\$52,330,122	\$128,786,192	\$98,009,975	\$117,029,748	\$100,905,139	\$105,653,254	\$470,478,369	\$1,073,192,799

FY 2020-2029 Capital Improvement Program

ALL Project Types Summary for All Fund Sources

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj	\$2,069,649	\$4,137,000	\$4,168,000	\$5,773,000	\$5,878,000	\$8,323,000	\$104,565,589	\$134,914,238
2060-Transportation Grants	\$0	\$325,000	\$0	\$0	\$0	\$0	\$0	\$325,000
2110-Arts Commission	\$846,050	\$142,943	\$0	\$0	\$0	\$0	\$0	\$988,993
2160-Other Grants	\$40,521	\$0	\$0	\$0	\$0	\$0	\$0	\$40,521
2190-Airport Capital Grant	\$0	\$1,350,000	\$3,500,000	\$2,300,000	\$2,450,000	\$2,000,000	\$0	\$11,600,000
4010-Streets Construction	\$7,435,932	\$5,375,450	\$5,225,450	\$0	\$0	\$0	\$0	\$18,036,832
4020-Hurf Streets Construction	\$780,000	\$5,890,395	\$5,340,395	\$3,525,000	\$3,525,000	\$3,525,000	\$16,375,000	\$38,960,790
4030-Transportation Capital Proj	\$4,032,239	\$7,877,500	\$9,539,979	\$14,575,071	\$10,320,295	\$7,995,000	\$18,765,000	\$73,105,084
4040-Public Safety Construction	\$952,753	\$800,000	\$7,532,000	\$1,270,000	\$21,798,490	\$20,700,136	\$70,704,294	\$123,757,673
4050-Parks Construction	\$14,802	\$322,276	\$0	\$17,383,410	\$13,180,049	\$12,119,333	\$12,119,333	\$55,139,203
4060-Government Facilities	\$202,000	\$0	\$366,700	\$4,500,000	\$8,419,480	\$6,388,104	\$25,238,490	\$45,114,774
4080-Cultural Facility	\$45,530	\$0	\$0	\$0	\$0	\$0	\$0	\$45,530
4090-Open Space/Trail Construction	\$26,932	\$0	\$176,795	\$0	\$0	\$0	\$11,629,200	\$11,832,927

FY 2020-2029 Capital Improvement Program

ALL Project Types Summary for All Fund Sources

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
4100-Library Construction	\$0	\$0	\$0	\$0	\$1,059,078	\$4,914,116	\$0	\$5,973,194
4110-Flood Control Construction	\$1,159,212	\$314,700	\$314,700	\$14,352,430	\$0	\$0	\$5,672,745	\$21,813,787
4120-DIF library Building sb1525	\$63,480	\$0	\$0	\$0	\$0	\$0	\$0	\$63,480
4130-DIF Fire Prot Facilit sb1525	\$515	\$0	\$0	\$0	\$0	\$15,654	\$0	\$16,169
4230-DIF Citywide Parks sb 1525	\$1,526	\$0	\$0	\$0	\$0	\$0	\$0	\$1,526
4240-DIF Citywide Parks	\$105,917	\$105,917	\$0	\$0	\$0	\$0	\$0	\$211,834
4250-DIF Citywide REC/FAC sb 1525	\$142,354	\$83,083	\$0	\$0	\$0	\$0	\$3,469	\$228,906
4270-DIF Libraries sb 1525	\$175,020	\$0	\$0	\$0	\$0	\$0	\$17,563	\$192,583
4290-DIF Citywide Open Space	\$83,845	\$184,944	\$0	\$0	\$0	\$0	\$0	\$268,789
4300-DIF Parks Dev Zone 1 sb 1525	\$59,156	\$0	\$0	\$0	\$0	\$0	\$6,938	\$66,094
4310-DIF Parks Dev Zone 1	\$52,303	\$52,303	\$0	\$0	\$0	\$0	\$0	\$104,606
4320-DIF Parks and Rec Zone 1 East	\$312,578	\$140,000	\$0	\$0	\$0	\$0	\$0	\$452,578
4330-DIF Parks &Rec Zone 2 west 101	\$358,170	\$527,890	\$0	\$0	\$0	\$0	\$0	\$886,060

FY 2020-2029 Capital Improvement Program

ALL Project Types Summary for All Fund Sources

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
4370-DIF Parks Dev Zone 3 sb1525	\$167,803	\$0	\$0	\$0	\$0	\$0	\$3,469	\$171,272
4390-DIF Roadway Improve sb1525	\$0	\$0	\$0	\$0	\$0	\$0	\$34,553	\$34,553
4420-DIF Streets Zone 2 West 101	\$546,703	\$3,763,462	\$0	\$0	\$0	\$0	\$0	\$4,310,165
4440-DIF General Government	\$17,137	\$0	\$0	\$0	\$0	\$0	\$0	\$17,137
6020-Water	\$23,449,406	\$63,924,930	\$36,522,105	\$18,291,163	\$14,100,000	\$17,500,000	\$133,473,225	\$307,260,829
6030-Sewer	\$7,210,357	\$22,127,762	\$18,971,000	\$17,252,000	\$10,300,000	\$14,375,950	\$43,150,000	\$133,387,069
6060-Water DIF Zone 2 West 101	\$0	\$1,678,195	\$0	\$0	\$0	\$0	\$0	\$1,678,195
6090-Sewer DIF Zone 2 West 101	\$0	\$1,042,737	\$0	\$0	\$0	\$0	\$0	\$1,042,737
6110-Landfill	\$1,398,527	\$5,845,659	\$3,020,396	\$11,415,000	\$4,895,000	\$4,175,000	\$17,006,000	\$47,755,582
6120-Solid Waste	\$0	\$2,774,046	\$3,332,455	\$6,392,674	\$4,979,747	\$3,621,961	\$11,713,501	\$32,814,384
7070-Citywide ERP Solution	\$579,705	\$0	\$0	\$0	\$0	\$0	\$0	\$579,705
Grand Total	\$52,330,122	\$128,786,192	\$98,009,975	\$117,029,748	\$100,905,139	\$105,653,254	\$470,478,369	\$1,073,192,799

FY 2020-2029 Capital Improvement Program

Airport Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPAP19075	AIRPORT EA FOR CHANNELIZATION		\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
CIPAP19076	SOUTH APRON R&R PHASE 1		\$0	\$3,500,000	\$0	\$0	\$0	\$0	\$3,500,000
CIPAP20001	SOUTH APRON R&R PHASE 2		\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000
CIPAP20002	RUNWAY REHABILITATION		\$0	\$0	\$0	\$1,750,000	\$0	\$0	\$1,750,000
CIPAP20003	AWOS EQUIPMENT		\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000
CIPAP20004	AIRPORT PLANNING STUDY		\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000
CIPAP20005	AIRFIELD LIGHTING PRESERVATION		\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
CIPAP20017	WILDLIFE HAZARD MANAGEMENT PLAN		\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
CIPAP20018	TAXIWAY REHAB PRESERVATION		\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
CIPAP65078	AIRPORT MATCHING FUNDS		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$1,500,000
Grand Total			\$1,500,000	\$3,650,000	\$2,450,000	\$2,600,000	\$2,150,000	\$750,000	\$13,100,000

FY 2020-2029 Capital Improvement Program

Airport
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
2190-Airport Capital Grant		\$1,350,000	\$3,500,000	\$2,300,000	\$2,450,000	\$2,000,000	\$0	\$11,600,000
4030-Transportation Capital Proj		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$1,500,000
Grand Total		\$1,500,000	\$3,650,000	\$2,450,000	\$2,600,000	\$2,150,000	\$750,000	\$13,100,000

AIRPORT EA FOR CHANNELIZATION

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP19075

Project Number: CIPAP19075

Description

This project is to conduct an Environmental Assessment for Channelization of New River.

Justification

This project will allow the airport to obtain the additional land adjacency needed to meet Federal Aviation Administration design standards. No foreseen operational and maintenance costs are associated for this project. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
DESIGN	2190-Airport Capital Grant			\$300,000				\$300,000
Grand Total				\$300,000				\$300,000

SOUTH APRON R&R PHASE 1

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP19076

Project Number: CIPAP19076

Description

Full reconstruction of pavement in South Apron including Intersections A4 and A6 totaling approximately 38,000 square yards.

Justification

The Airport’s Pavement Maintenance and Management Program indicates major rehabilitation is needed in the existing South Apron. In 2017, the Pavement Condition Index (PCI) was identified as 31 and it is estimated to be 23 in 2021. A PCI of 23 indicates a very poor pavement condition. The A4 and A6 Intersections will also be reconfigured to meet current FAA design standards. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	2190-Airport Capital Grant		\$3,500,000					\$3,500,000
Grand Total			\$3,500,000					\$3,500,000

SOUTH APRON R&R PHASE 2

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20001

Project Number: CIPAP20001

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.

Justification

The Airport’s Pavement Maintenance and Management Program indicates major rehabilitation is needed in the existing South Apron. In 2017, the Pavement Condition Index (PCI) was identified as 31 and it is estimated to be 23 in 2021. A PCI of 23 indicates a very poor pavement condition. The A4 and A6 Intersections will also be reconfigured to meet current FAA design standards. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	2190-Airport Capital Grant			\$2,000,000				\$2,000,000
Grand Total				\$2,000,000				\$2,000,000

RUNWAY REHABILITATION

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20002

Project Number: CIPAP20002

Description

Project is to rehabilitate the runway by adding a Mill and Overlay treatment to the pavement.

Justification

The Airport’s Pavement Maintenance Management Program indicates rehabilitation is necessary in the existing runway. In 2017, the Pavement Condition Index (PCI) in this location was 76 and it is estimated to be 66 in 2023. A PCI of 66 indicates pavement in fair conditions. A Mill and Overlay treatment will improve and extend the life cycle of the pavement. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	2190-Airport Capital Grant				\$1,750,000			\$1,750,000
Grand Total					\$1,750,000			\$1,750,000

AWOS EQUIPMENT

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20003

Project Number: CIPAP20003

Description

Replace Automated Weather Observing System (AWOS) and Windssock

Justification

This project is to replace existing surface observation equipment with Automated Weather Observing System to include wind information. The existing equipment is outdated and becoming obsolete. Wind information is necessary for an airplane to land into the wind and avoid landing with a tailwind. No foreseen operational and maintenance costs are associated for this project. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	2190-Airport Capital Grant				\$350,000			\$350,000
Grand Total					\$350,000			\$350,000

AIRPORT PLANNING STUDY

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20004

Project Number: CIPAP20004

Description

Part 150 Airport Noise Compatibility Planning Update

Justification

Complete and update the Part 150 study that was completed in 1994. Updates are needed to coincide with recent master planning, forecasts, and Airport Layout Plan updates. No foreseen operational and maintenance costs are associated for this project. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
STUDY	2190-Airport Capital Grant				\$350,000			\$350,000
Grand Total					\$350,000			\$350,000

AIRFIELD LIGHTING PRESERVATION

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20005

Project Number: CIPAP20005

Description

Replace Lighting in Runway, Taxiway, and Apron

Justification

This project would replace all existing runway and taxiway edge lighting, airfield signs, navigational aids (NAVAIDS), regulators, and controls. All airfield lighting and signage is aged and in need of upgrade to the proven LED technology. No foreseen operational and maintenance costs are associated for this project. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	2190-Airport Capital Grant					\$2,000,000		\$2,000,000
Grand Total						\$2,000,000		\$2,000,000

WILDLIFE HAZARD MANAGEMENT PLAN

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20017

Project Number: CIPAP20017

Description

A Wildlife Hazard Assessment (WHA) recently completed suggests a Wildlife Hazard Management Plan (WHMP) be developed for the airport. The Wildlife Hazard Management Plan identifies the specific actions the airport will take to mitigate the risk of wildlife strikes on or near the airport. WHA has been accepted and approved by Federal Aviation Administration.

Justification

This is a project the City is required to do based on a Federal mandate for airports to mitigate environmental impacts for wildlife. No foreseen operational and maintenance costs are associated for this project. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
STUDY	2190-Airport Capital Grant	\$350,000						\$350,000
Grand Total		\$350,000						\$350,000

TAXIWAY REHAB PRESERVATION

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP20018

Project Number: CIPAP20018

Description

Mill and Overlay of existing Taxiway Alpha totaling approximately 47,224 square yards.

Justification

Pavement preservation for existing Taxiway Alpha is identified as necessary in the pavement maintenance and management program. In 2017 the Pavement Condition Index (PCI) was identified as 62. It is estimated that in 2020 the PCI will be 58 which is classified as in fair to marginal condition. Preserving the Taxiway Alpha pavement will extend the pavement life cycle. No foreseen operational and maintenance costs are associated for this project. Outside funding to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	2190-Airport Capital Grant	\$1,000,000						\$1,000,000
Grand Total		\$1,000,000						\$1,000,000

AIRPORT MATCHING FUNDS

Package Number
FY20-29CIP

Project Type
Airport

Project Number
CIPAP65078

Project Number: CIPAP65078

Description

This request is to provide for matching funds for Glendale Airport projects as identified in the Airport Capital Improvement Program. Funding covers the local match for all airport capital costs.

Justification

This request allows for projects identified in the Airport Capital Improvement Program be completed with a local match funding and leverage Federal and State funds. No foreseen operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$675,000	\$1,350,000
DESIGN	4030-Transportation Capita..	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$150,000
Grand Total		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$1,500,000

FY 2020-2029 Capital Improvement Program

Arts
Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPAT84650	MUNICIPAL ARTS PROGRAM	\$846,050	\$142,943						\$988,993
Grand Total		\$846,050	\$142,943						\$988,993

FY 2020-2029 Capital Improvement Program

Arts
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
2110-Arts Commission	\$846,050	\$142,943						\$988,993
Grand Total	\$846,050	\$142,943						\$988,993

MUNICIPAL ARTS PROGRAM

Package Number
FY20-29CIP

Project Type
Arts

Project Number
All

Project Number: CIPAT84650

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). These funds are used to implement the Annual Arts Plan and maintain and restore the City’s art portfolio (when necessary)

Justification

By City Council Ordinance No. 1226, a Municipal Art Fund is created which provides for the purchase of works of art for public places.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	2110-Arts Commission	\$846,050						\$846,050
MISC CIP	2110-Arts Commission	\$142,943						\$142,943
Grand Total		\$988,993						\$988,993

FY 2020-2029 Capital Improvement Program

**Drainage
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPDR19039	BETHANY HOME SD, 58th to 79th	\$0	\$0	\$0	\$11,147,430			\$0	\$11,147,430
CIPDR19040	CAMELBACK ROAD, 51st to 58th	\$0	\$0	\$0	\$3,205,000			\$0	\$3,205,000
CIPDR19078	83RD AVE, BETHANY HM to CAMELBACK	\$0	\$0	\$0	\$0			\$3,080,000	\$3,080,000
CIPDR19079	59th AVE & THUNDERBIRD RD SD	\$0	\$0	\$0	\$0			\$1,963,345	\$1,963,345
CIPDR79004	LOCAL DRAINAGE PROBLEMS	\$1,159,212	\$314,700	\$314,700	\$0			\$629,400	\$2,418,012
Grand Total		\$1,159,212	\$314,700	\$314,700	\$14,352,430			\$5,672,745	\$21,813,787

FY 2020-2029 Capital Improvement Program

Drainage
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
4110-Flood Control Construction	\$1,159,212	\$314,700	\$314,700	\$14,352,430			\$5,672,745	\$21,813,787
Grand Total	\$1,159,212	\$314,700	\$314,700	\$14,352,430			\$5,672,745	\$21,813,787

BETHANY HOME SD, 58th to 79th

Package Number
FY20-29CIP

Project Type
Drainage

Project Number
CIPDR19039

Project Number: CIPDR19039

Description

Design and construction of storm drain pipe, inlets, catch basins and other appurtenances in Bethany Home Road from 79th Avenue to 51st Avenue. The design and construction costs of storm drain are to be shared with Maricopa County Flood Control District (50%). Total estimated project cost is \$21.7M. The funds in this project only reflect the city's portion. The project description and title have been corrected to note 51-79, was 58-79 approved in the FY19 CIP submission. Amounts are unchanged.

Justification

An IGA has been approved in 2001 by the County Flood Control District and the City of Glendale.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4110-Flood Control Constru..			\$11,147,430				\$11,147,430
Grand Total				\$11,147,430				\$11,147,430

CAMELBACK ROAD, 51st to 58th

Package Number
FY20-29CIP

Project Type
Drainage

Project Number
CIPDR19040

Project Number: CIPDR19040

Description

Installation of storm drain Camelback Road from 51st to 58th Avenues.

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. Amounts and description are unchanged from the FY19 CIP submission.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4110-Flood Control Constru..			\$3,205,000				\$3,205,000
Grand Total				\$3,205,000				\$3,205,000

83RD AVE, BETHANY HM to CAMELBACK

Package Number
FY20-29CIP

Project Type
Drainage

Project Number
CIPDR19078

Project Number: CIPDR19078

Description

Installation of storm drain in 83rd Avenue from Bethany Home Road to Camelback Road.

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. Amounts and description are unchanged from the FY19 CIP submission.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4110-Flood Control Constru..						\$2,500,000	\$2,500,000
DESIGN	4110-Flood Control Constru..						\$500,000	\$500,000
INTRNL CHG	4110-Flood Control Constru..						\$55,000	\$55,000
PUBLIC ART	4110-Flood Control Constru..						\$25,000	\$25,000
Grand Total							\$3,080,000	\$3,080,000

59th AVE & THUNDERBIRD RD SD

Package Number
FY20-29CIP

Project Type
Drainage

Project Number
CIPDR19079

Project Number: CIPDR19079

Description

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

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. Amounts and description are unchanged from the FY19 CIP submission.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4110-Flood Control Constru..						\$1,700,000	\$1,700,000
CONTGNCY	4110-Flood Control Constru..						\$116,000	\$116,000
DESIGN	4110-Flood Control Constru..						\$58,000	\$58,000
INTRNL CHG	4110-Flood Control Constru..						\$48,345	\$48,345
LAND	4110-Flood Control Constru..						\$24,000	\$24,000
PUBLIC ART	4110-Flood Control Constru..						\$17,000	\$17,000
Grand Total							\$1,963,345	\$1,963,345

LOCAL DRAINAGE PROBLEMS

Package Number
FY20-29CIP

Project Type
Drainage

Project Number
CIPDR79004

Project Number: CIPDR79004

Description

Construct localized storm drainage improvements to mitigate drainage and/or flooding problems.

Justification

This is an ongoing program that typically addresses drainage problems in older neighborhoods, residential areas, and extends existing storm drain systems. There is no change from last FY approved request.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4110-Flood Control Constru..	\$1,159,212	\$0				\$0	\$1,159,212
CONSTRUCT	4110-Flood Control Constru..	\$300,000	\$300,000				\$600,000	\$1,200,000
INTRNL CHG	4110-Flood Control Constru..	\$14,700	\$14,700				\$29,400	\$58,800
Grand Total		\$1,473,912	\$314,700				\$629,400	\$2,418,012

FY 2020-2029 Capital Improvement Program

Facility Maintenance Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPFC19015	FLEET BLDG HVAC/ROOF IMPROVEMENTS	\$253,831	\$0	\$0	\$0	\$0	\$0	\$0	\$253,831
CIPFC19016	FIELD OPS CAMPUS RENOVATION	\$0	\$0	\$200,000	\$10,500,000	\$9,000,000	\$4,500,000	\$3,000,000	\$27,200,000
CIPFC19038	CITY HALL BLDG REMODEL	\$0	\$0	\$366,700	\$0	\$3,717,480	\$3,717,480	\$7,118,490	\$14,920,150
CIPFC19061	ELECTRICAL SYSTEM RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$5,600,000	\$5,600,000
CIPFC19062	ELEVATOR SYSTEM RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700,000	\$2,700,000
CIPFC19063	FIRE PROTECTION RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$3,050,000	\$3,050,000
CIPFC19064	SECURITY CAMERA IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$3,195,000	\$3,195,000
CIPFC19065	PLUMBING SYSTEM RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$3,100,000	\$3,100,000
CIPFC19067	REPAIR OF CAR/TRUCK WASH BUILDING	\$0	\$0	\$0	\$0	\$0	\$0	\$1,650,000	\$1,650,000
CIPFC19068	ROOFING SYSTEM RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$10,800,000	\$10,800,000
CIPFC19071	HVAC REPAIR/REPLACEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000,000	\$13,000,000
CIPFC19072	SPACE PLANNING INTERIOR UPDATES	\$0	\$0	\$0	\$0	\$0	\$0	\$19,810,000	\$19,810,000
CIPFC19073	BUILDING EXT. SEALING /RENEWAL	\$0	\$0	\$0	\$0	\$0	\$0	\$6,190,000	\$6,190,000

FY 2020-2029 Capital Improvement Program

**Facility Maintenance
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPFC19074	COMMUNITY SVCS. RESOURCE CENTER	\$0	\$0	\$0	\$0	\$0	\$0	\$16,950,000	\$16,950,000
CIPFC20023	ADULT CENTER RENOVATION	\$0	\$0	\$0	\$0	\$0	\$0	\$1,170,000	\$1,170,000
CIPFC70800	BUILDING MAINT. RESERVE	\$732,744	\$1,500,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,500,000	\$12,500,000	\$22,732,744
CIPFC70801	CAMELBACK RANCH MAINT. RESERVE	\$386,479	\$1,673,000	\$1,673,000	\$1,673,000	\$1,673,000	\$1,673,000	\$8,365,000	\$17,116,479
CIPPK70803	CAPITAL REPAIR-ARENA	\$296,512	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$5,296,512
Grand Total		\$1,669,566	\$3,673,000	\$4,239,700	\$14,673,000	\$16,890,480	\$12,890,480	\$120,698,490	\$174,734,716

FY 2020-2029 Capital Improvement Program

**Facility Maintenance
Summary by Funding Source**

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj	\$1,669,566	\$3,673,000	\$3,673,000	\$4,173,000	\$4,173,000	\$4,673,000	\$92,460,000	\$114,494,566
4030-Transportation Capital Proj	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
4060-Government Facilities	\$0	\$0	\$366,700	\$4,500,000	\$8,217,480	\$3,717,480	\$25,238,490	\$42,040,150
6020-Water	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
6120-Solid Waste	\$0	\$0	\$200,000	\$3,000,000	\$1,500,000	\$1,500,000	\$0	\$6,200,000
Grand Total	\$1,669,566	\$3,673,000	\$4,239,700	\$14,673,000	\$16,890,480	\$12,890,480	\$120,698,490	\$174,734,716

FLEET BLDG HVAC/ROOF IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19015

Project Number: CIPFC19015

Description

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$253,831						\$253,831
Grand Total		\$253,831						\$253,831

FIELD OPS CAMPUS RENOVATION

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19016

Project Number: CIPFC19016

Description

Project entries will be refined at council workshops. Multiple phase project and master plan. Phase 1, temporary storage space for Police Evidence and building demolition. Phase 2, design & construction of new shared facility for Field Operations, Transportation, Parks, and Water. Facility provides swing space for future City Hall renovations. Phase 3, design & construction of new storage facility. Phase 4, final occupancy.

Justification

Field Operations Campus has outlived its useful life and must be replaced. Multiple structures in poor condition and do not serve the business needs of the City. Aging infrastructure, security, and operations efficiency concerns must be addressed in order to continue to provide effective service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..		\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
	4060-Government Facilities		\$0	\$4,500,000	\$4,500,000	\$0	\$0	\$9,000,000
	6020-Water		\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
	6120-Solid Waste		\$0	\$3,000,000	\$1,500,000	\$1,500,000	\$0	\$6,000,000
DESIGN	6120-Solid Waste		\$200,000	\$0	\$0	\$0	\$0	\$200,000
Grand Total			\$200,000	\$10,500,000	\$9,000,000	\$4,500,000	\$3,000,000	\$27,200,000

CITY HALL BLDG REMODEL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19038

Project Number: CIPFC19038

Description

Project restores City Hall infrastructure and rebuilds the interior; floor by floor. Project implement findings of City Hall Space Needs study. Design will begin in FY 2021, to coincide with construction of the Field Operations Campus. Upon completion, this campus will provide space for City Hall occupants while City Hall building is remodeled. Costs include estimates for furniture

Justification

The existing City Hall building has outlived its useful life and no longer effectively serves the needs of the organization and the community. Aging infrastructure including plumbing, HVAC, roofing, and electrical are failing and in need of replacement before catastrophic failure

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4060-Government Facilities		\$0		\$2,877,000	\$2,877,000	\$5,437,530	\$11,191,530
CONTGNCY	4060-Government Facilities		\$0		\$316,470	\$316,470	\$632,940	\$1,265,880
DESIGN	4060-Government Facilities		\$0		\$287,700	\$287,700	\$575,400	\$1,150,800
EQUIPMENT	4060-Government Facilities		\$0		\$150,000	\$150,000	\$300,000	\$600,000
INTRNL CHG	4060-Government Facilities		\$0		\$86,310	\$86,310	\$172,620	\$345,240
STUDY	4060-Government Facilities		\$366,700		\$0	\$0	\$0	\$366,700
Grand Total			\$366,700		\$3,717,480	\$3,717,480	\$7,118,490	\$14,920,150

ELECTRICAL SYSTEM RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19061

Project Number: CIPFC19061

Description

Funds to renew & replace facility electrical systems. Priority list, and estimated costs, comply with industry standards. Lucity Asset Management System will identify priorities based on electrical system conditions and detail repair recommendations. An inventory and assessment effort will be completed in FY 2020 to define the electrical system renewal program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Renewing the electrical systems beyond their useful life aligns with the City’s strategic priorities including: reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$4,750,000	\$4,750,000
DESIGN	1080-General Government C..						\$850,000	\$850,000
Grand Total							\$5,600,000	\$5,600,000

ELEVATOR SYSTEM RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19062

Project Number: CIPFC19062

Description

This project funds renewal of existing elevator systems in City facilities. The following buildings have elevators: City Hall, Public Safety Building, Adult Center, Main Library, Fire Station 157, Foothills Recreation and Aquatics Center, Airport, and Sine Building. An inventory and assessment effort will be completed in FY 2020 to define the elevator system renewal program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their elevator systems are beyond their useful life. Renewing the building elevators will align resources with the City’s strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$2,000,000	\$2,000,000
DESIGN	1080-General Government C..						\$600,000	\$600,000
INTRNL CHG	1080-General Government C..						\$100,000	\$100,000
Grand Total							\$2,700,000	\$2,700,000

FIRE PROTECTION RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19063

Project Number: CIPFC19063

Description

Funds to renew & repair the City’s fire protection systems. The priorities, and estimated costs, comply with industry standards. Lucity Asset Management System will identify priorities based on electrical system conditions and manage repair recommendations. An inventory and assessment effort will be completed in FY 2020 to define the fire protection system renewal program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of the 25-30 year-old buildings have exceeded their life. Renewing the building roofs will align resources with the City’s strategic priorities including: reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$2,000,000	\$2,000,000
CONTGNCY	1080-General Government C..						\$250,000	\$250,000
DESIGN	1080-General Government C..						\$650,000	\$650,000
INTRNL CHG	1080-General Government C..						\$150,000	\$150,000
Grand Total							\$3,050,000	\$3,050,000

SECURITY CAMERA IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19064

Project Number: CIPFC19064

Description

Project funds design and construction for security camera improvements for City Hall, Public Safety Building, Advocacy Center, City Court, and their respective garages. In FY 2018, an assessment was completed for these areas to identify gaps in security coverage and recommendations for improvements. A security camera assessment team has been created in FY 2019 to define goals and document roles and responsibilities going forward.

Justification

The consultants report identified potential gaps in the security camera coverage in the critical facilities in the downtown area. In order to improve coverage the existing systems will require upgrade.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$2,710,000	\$2,710,000
CONTGNCY	1080-General Government C..						\$110,000	\$110,000
DESIGN	1080-General Government C..						\$325,000	\$325,000
INTRNL CHG	1080-General Government C..						\$50,000	\$50,000
Grand Total							\$3,195,000	\$3,195,000

PLUMBING SYSTEM RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19065

Project Number: CIPFC19065

Description

Funds renewal and replacement of City’s plumbing systems, that exceed their useful life. The priority list, and estimated costs, comply with industry standard. Lucity Asset Management System will inventory and identify priorities based on plumbing system conditions and manage repair recommendations. An inventory and assessment effort will be completed in FY 2020 to define the plumbing system renewal program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their plumbing systems are beyond their useful life. Maintaining these assets align with the City’s strategic priorities including: reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$2,370,000	\$2,370,000
DESIGN	1080-General Government C..						\$625,000	\$625,000
INTRNL CHG	1080-General Government C..						\$105,000	\$105,000
Grand Total							\$3,100,000	\$3,100,000

REPAIR OF CAR/TRUCK WASH BUILDING

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19067

Project Number: CIPFC19067

Description

The Car/Truck Wash structure and equipment require significant repair. The building shell has deteriorated, has major cracks, and has widespread rust on the steel support structure.

Justification

This facility is necessary to clean vehicles and equipment prior to repair / maintenance, and to keep city vehicles presentable. Some light duty vehicles can use a commercial car wash, but over 2/3 of the City's fleet can not due to equipment and vehicle size and location.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$1,000,000	\$1,000,000
CONTGNCY	1080-General Government C..						\$500,000	\$500,000
DESIGN	1080-General Government C..						\$150,000	\$150,000
Grand Total							\$1,650,000	\$1,650,000

ROOFING SYSTEM RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19068

Project Number: CIPFC19068

Description

Funds roofing repairs & renewals to City buildings. The priority list, and estimated costs, comply with industry standard. The Lucity asset management system began in FY 19 and will be fully implemented in FY 20. Lucity will provide detailed information on building condition and repair recommendations for future cash flow planning. An inventory and assessment effort will be completed in FY 2020 to define the roofing replacement program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their roofing systems are beyond their useful life. Renewing the building roofs will align resources with the City’s strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$9,500,000	\$9,500,000
DESIGN	1080-General Government C..						\$1,100,000	\$1,100,000
INTRNL CHG	1080-General Government C..						\$200,000	\$200,000
Grand Total							\$10,800,000	\$10,800,000

HVAC REPAIR/REPLACEMENTS

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19071

Project Number: CIPFC19071

Description

Funds the City’s HVAC System Renewal Program. The priority list, and estimated costs, were developed using an industry standard. The Lucity Asset Management System began in FY19 and will be fully implemented in FY 20. Lucity’s inventory process will identify HVAC conditions and manage repair recommendations. An inventory and assessment effort will be completed in FY 2020 to define the HVAC system replacement program.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their HVAC systems are beyond their useful life. Renewing the building HVAC systems will align resources with the City’s strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$11,000,000	\$11,000,000
DESIGN	1080-General Government C..						\$1,350,000	\$1,350,000
INTRNL CHG	1080-General Government C..						\$650,000	\$650,000
Grand Total							\$13,000,000	\$13,000,000

SPACE PLANNING INTERIOR UPDATES

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19072

Project Number: CIPFC19072

Description

Funds the City’s interior building repairs and replacement program. The priority list, and estimated costs, comply with industry standard. Implementation of the Lucity Asset Management System began in FY 19 and will be fully implemented in FY 20. Lucity’s inventory process prioritizes interior conditions. An inventory and assessment effort will be completed in FY 2020 to define the space planning interior updates program.

Justification

The City has approximately 1,600,000 sq.ft. of building, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their interior systems (flooring, wall finishes, ADA compliance, etc.) are beyond their useful life. Renewing the building interior systems will align resources with the City’s strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$13,750,000	\$13,750,000
DESIGN	1080-General Government C..						\$5,425,000	\$5,425,000
INTRNL CHG	1080-General Government C..						\$635,000	\$635,000
Grand Total							\$19,810,000	\$19,810,000

BUILDING EXT. SEALING /RENEWAL

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19073

Project Number: CIPFC19073

Description

The city’s annual maintenance program for exterior repair and replacement. Items included: painting, sealing, siding replacements, carpentry repairs, window/door replacements, ADA compliance, and plumbing. The priority list, and estimated costs, comply with industry standard. Lucity asset management system will provide detailed information on building condition and repair recommendations. Assessment will be completed in FY 2020.

Justification

The City has approximately 1,600,000 sqft of building space, including over 500,000 dedicated to public safety. Many of these buildings are 25 to 30 years old and their roofing systems are beyond their useful life. Renewing the building roofs will align resources with the City’s strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$5,550,000	\$5,550,000
DESIGN	1080-General Government C..						\$550,000	\$550,000
INTRNL CHG	1080-General Government C..						\$90,000	\$90,000
Grand Total							\$6,190,000	\$6,190,000

COMMUNITY SVCS. RESOURCE CENTER

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC19074

Project Number: CIPFC19074

Description

The Community Services Department does not have a central office location that can house all five divisions that make up the Department. With divisions located in five different offices, it is extremely difficult for our customers to access the service they need in a timely manner. This is a major concern with time sensitive activities. There is a need for a human services HUB within the City of Glendale.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4060-Government Facilities						\$15,000,000	\$15,000,000
DESIGN	4060-Government Facilities						\$1,700,000	\$1,700,000
INTRNL CHG	4060-Government Facilities						\$250,000	\$250,000
Grand Total							\$16,950,000	\$16,950,000

ADULT CENTER RENOVATION

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC20023

Project Number: CIPFC20023

Description

This project is to complete the build out of the second floor of the Adult Center for Parks staff offices. The second floor was built as shell space originally and will be completed for offices

Justification

Parks staff are currently spread out among various facilities making it difficult to coordinate services and efficiently manage operations. This project will improve customer service, asset management, and financial responsibility

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4060-Government Facilities						\$900,000	\$900,000
CONTGNCY	4060-Government Facilities						\$105,000	\$105,000
DESIGN	4060-Government Facilities						\$125,000	\$125,000
INTRNL CHG	4060-Government Facilities						\$40,000	\$40,000
Grand Total							\$1,170,000	\$1,170,000

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M							\$480,000	\$480,000
Grand Total							\$480,000	\$480,000

BUILDING MAINT. RESERVE

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC70800

Project Number: CIPFC70800

Description

This project supports renewal and repair of major building components and systems such as HVAC, plumbing, electrical, roofing, interiors, elevators, and other building systems.

Justification

The City has approximately 1,600,000 square feet of building supported by the General Fund, including over 500,000 dedicated to public safety. These buildings are 25 to 30 years old and many or components are beyond their useful life. Renewing the building systems aligns resources with the City’s strategic priorities including- improving asset management, reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$732,744	\$0	\$0	\$0	\$0	\$0	\$732,744
MISC CIP	1080-General Government C..	\$1,500,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,500,000	\$12,500,000	\$22,000,000
Grand Total		\$2,232,744	\$1,500,000	\$2,000,000	\$2,000,000	\$2,500,000	\$12,500,000	\$22,732,744

CAMELBACK RANCH MAINT. RESERVE

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPFC70801

Project Number: CIPFC70801

Description

This project supports renewal and repair of major building components and systems such as HVAC, plumbing, electrical, roofing, interiors, elevators, and other building systems

Justification

Camelback Ranch is a premier public facility for the City of Glendale. As a public entertainment facility it is important to keep all major building systems in reliable operating condition and functionality. Renewing the building systems aligns resources with the City’s strategic priorities including: improving asset management, reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$386,479	\$0	\$0	\$0	\$0	\$0	\$386,479
CONTGNCY	1080-General Government C..	\$1,673,000	\$1,673,000	\$1,673,000	\$1,673,000	\$1,673,000	\$8,365,000	\$16,730,000
Grand Total		\$2,059,479	\$1,673,000	\$1,673,000	\$1,673,000	\$1,673,000	\$8,365,000	\$17,116,479

CAPITAL REPAIR-ARENA

Package Number
FY20-29CIP

Project Type
Facility Maintenance

Project Number
CIPPK70803

Project Number: CIPPK70803

Description

This project supports renewal and repair of major building components and systems such as HVAC, plumbing, electrical, roofing, interiors, elevators, and other building systems

Justification

Glendale’s Gila River Arena is a premier public facility for the City of Glendale. As a public entertainment facility it is important to keep all major building systems in reliable operating condition and functionality. Renewing the building systems aligns resources with the City’s strategic priorities including- improving asset management, reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$296,512	\$0	\$0	\$0	\$0	\$0	\$296,512
MISC CIP	1080-General Government C..	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$5,000,000
Grand Total		\$796,512	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$5,296,512

FY 2020-2029 Capital Improvement Program

Landfill Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPLF19019	LANDFILL COMPACTOR REPLACEMENT	\$0	\$0	\$600,000	\$1,400,000	\$0	\$0	\$2,100,000	\$4,100,000
CIPLF19024	BULLDOZER REPLACEMENTS AND REBUILDS	\$0	\$0	\$0	\$1,300,000	\$1,400,000	\$0	\$1,900,000	\$4,600,000
CIPLF19025	NORTH CELL LINER	\$0	\$0	\$150,000	\$7,400,000	\$150,000	\$0	\$3,000,000	\$10,700,000
CIPLF19090	LANDFILL MOTOR GRADER REPLACEMENT	\$0	\$0	\$0	\$0	\$0	\$650,000	\$0	\$650,000
CIPLF19091	LANDFILL SCRAPER EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$1,900,000	\$1,900,000
CIPLF20009	CLOSED LANDFILL	\$0	\$100,000	\$475,000	\$0	\$0	\$0	\$0	\$575,000
CIPLF20010	NORTHERN AVE. IMPROVEMENTS (MCDOT)	\$0	\$247,725	\$0	\$0	\$0	\$0	\$0	\$247,725
CIPLF78503	LANDFILL CLOSURE (SOUTH)	\$0	\$125,000	\$350,000	\$500,000	\$125,000	\$125,000	\$750,000	\$1,975,000
CIPLF78505	LF PHASE CONSTRUCTION (NORTH)	\$0	\$4,600,000	\$100,000	\$100,000	\$2,400,000	\$2,800,000	\$4,500,000	\$14,500,000
CIPLF78506	LANDFILL 4x4 REPLACEMENT TRUCKS	\$73,958	\$35,000	\$0	\$35,000	\$0	\$0	\$150,000	\$293,958
CIPLF78512	FUEL TANKER REPLACEMENT	\$197,600	\$225,000	\$0	\$0	\$0	\$0	\$250,000	\$672,600
CIPLF78514	SOLID WASTE INSPECTION TRUCKS	\$28,915	\$23,711	\$23,711	\$0	\$0	\$0	\$75,000	\$151,337
CIPLF78522	LANDFILL WATER PULL/TRUCK	\$0	\$0	\$742,000	\$0	\$0	\$0	\$316,000	\$1,058,000

FY 2020-2029 Capital Improvement Program

**Landfill
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPLF78528	NORTHERN AVE IMPROVEMENTS (MCDOT)	\$247,725	\$0	\$0	\$0	\$0	\$0	\$0	\$247,725
CIPLF78532	AUXILIARY EQUIPMENT	\$54,891	\$0	\$29,685	\$0	\$30,000	\$0	\$65,000	\$179,576
CIPLF78534	STORMWATER CONTROLS	\$735,438	\$269,223	\$280,000	\$280,000	\$290,000	\$300,000	\$800,000	\$2,954,661
CIPLF78535	LANDFILL GAS EXTRACTION SYSTEM	\$60,000	\$220,000	\$270,000	\$400,000	\$500,000	\$300,000	\$1,200,000	\$2,950,000
Grand Total		\$1,398,527	\$5,845,659	\$3,020,396	\$11,415,000	\$4,895,000	\$4,175,000	\$17,006,000	\$47,755,582

FY 2020-2029 Capital Improvement Program

Landfill
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
6110-Landfill	\$1,398,527	\$5,845,659	\$3,020,396	\$11,415,000	\$4,895,000	\$4,175,000	\$17,006,000	\$47,755,582
Grand Total	\$1,398,527	\$5,845,659	\$3,020,396	\$11,415,000	\$4,895,000	\$4,175,000	\$17,006,000	\$47,755,582

LANDFILL COMPACTOR REPLACEMENT

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF19019

Project Number: CIPLF19019

Description

This project provides for the rebuild and/or replacement of the landfill compactors, one 836H (to be rebuilt in 2021) 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.

Justification

The compactors are essential pieces of equipment used on a daily basis for the proper placement and compaction of solid waste and cover within the landfill. This equipment is essential in meeting the regulatory permit requirements of the landfill.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6110-Landfill		\$600,000	\$1,400,000			\$2,100,000	\$4,100,000
Grand Total			\$600,000	\$1,400,000			\$2,100,000	\$4,100,000

BULLDOZER REPLACEMENTS AND REBUILDS

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF19024

Project Number: CIPLF19024

Description

Provides 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. The newer D-6 was purchased in FY 18 and will require an undercarriage rebuild FY 25 - FY 29. The D-8 bulldozer is scheduled for replacement is 2022. The D-9 is scheduled for replacement in 2023. Tracks for the D-6 will be replaced in 2023.

Justification

Bulldozers are essential pieces of equipment to ensure that proper compaction and cover are achieved at the landfill in order to meet regulatory permit requirements.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6110-Landfill			\$1,300,000	\$1,400,000		\$1,900,000	\$4,600,000
Grand Total				\$1,300,000	\$1,400,000		\$1,900,000	\$4,600,000

NORTH CELL LINER

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF19025

Project Number: CIPLF19025

Description

Project is for design/construction of the liner for North Cell (Phases 1 and 2) Glendale Municipal Landfill. This liner provides a protective barrier to prevent migration/potential groundwater contamination, required by the City’s permit with Arizona Department of Environmental Quality (ADEQ). Includes cost of ADEQ review/permitting FY 2021 (Phase 1) FY 2023 (Phase 2). Includes construction costs of Phase 1 (FY 2023) Phase 2 (FY 2025).

Justification

Liners are required per ADEQ’s regulatory review and permitting process.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6110-Landfill		\$0	\$7,400,000	\$0		\$3,000,000	\$10,400,000
DESIGN	6110-Landfill		\$150,000	\$0	\$150,000		\$0	\$300,000
Grand Total			\$150,000	\$7,400,000	\$150,000		\$3,000,000	\$10,700,000

LANDFILL MOTOR GRADER REPLACEMENT

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF19090

Project Number: CIPLF19090

Description

Funding for the replacement of the motor grader that is expected to reach the end of its serviceable life in FY 2024. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund.

Justification

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.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6110-Landfill					\$650,000		\$650,000
Grand Total						\$650,000		\$650,000

LANDFILL SCRAPER EQUIPMENT

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF19091

Project Number: CIPLF19091

Description

The scraper is an essential piece of support equipment that excavates, transports, and stockpiles soil used for covering waste disposed of at the landfill. The scraper was rebuilt in 2018. A replacement scraper will be needed sometime between 2025 and 2029 depending on the existing scrapers condition and longevity. Landfill vehicles and equipment are not included in the Vehicle Replacement Fund.

Justification

Scraper excavates, transports and stockpiles soil for covering waste. This enables the City to meet the regulatory requirements of its permit.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6110-Landfill						\$1,900,000	\$1,900,000
Grand Total							\$1,900,000	\$1,900,000

CLOSED LANDFILL

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF20009

Project Number: CIPLF20009

Description

Closed landfills may need site maintenance from time to time (improvements to grading, drainage, fencing, landscaping and flare station maintenance, etc.). Part of this funding is for work at the closed landfill site located at 103rd Ave. and the Butler Dr. alignment. Funds will replace existing fencing on the south side of the site and provide drainage, grading, landscaping and access improvements.

Justification

Closed landfills may require maintenance from time to time. Improvements can include grading, drainage, fencing, landscaping, and flare station maintenance for example.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6110-Landfill	\$0	\$475,000					\$475,000
DESIGN	6110-Landfill	\$100,000	\$0					\$100,000
Grand Total		\$100,000	\$475,000					\$575,000

NORTHERN AVE. IMPROVEMENTS (MCDOT)

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF20010

Project Number: CIPLF20010

Description

This project provides funding for block wall that will extend west along the landfill property 115th Ave. & Northern. The relocation of approximately 20 existing cacti that are to be removed due to Northern Ave. Parkway project. There are currently forty cacti along the right-of-way that were sold to MCDOT. 20 of the cacti will be donated to the Northern Ave. project, 20 will be relocated Landfill property at Glendale's expense.

Justification

This is part of MDCOT's Northern Parkway Project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6110-Landfill	\$167,493						\$167,493
CONTGNCY	6110-Landfill	\$41,400						\$41,400
INTRNL CHG	6110-Landfill	\$12,012						\$12,012
MISC CIP	6110-Landfill	\$25,000						\$25,000
PUBLIC ART	6110-Landfill	\$1,820						\$1,820
Grand Total		\$247,725						\$247,725

LANDFILL CLOSURE (SOUTH)

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78503

Project Number: CIPLF78503

Description

Project provides for closure of the south area of the landfill as its permitted air space approaches capacity. 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. Annual post-closure maintenance, monitoring and repair activities will begin once closure of the south area is completed.

Justification

Mandated per regulatory agency requirements as south cell is operated prior to closure.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6110-Landfill	\$125,000	\$350,000	\$500,000	\$125,000	\$125,000	\$750,000	\$1,975,000
Grand Total		\$125,000	\$350,000	\$500,000	\$125,000	\$125,000	\$750,000	\$1,975,000

LF PHASE CONSTRUCTION (NORTH)

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78505

Project Number: CIPLF78505

Description

Soil excavation for the North Cell includes stockpiling of dirt as required for the construction of the North Cell and continued operation and closure of the South Cell, engineering design, engineered fill contingency, and soil excavation provided by in-house personnel. Project includes phased soil preparation, liner installation, a leachate and gas collection system construction and placement of soil protective cover over the bottom liner system.

Justification

Mandated per regulatory agency requirements for the continued development of the Glendale Municipal Landfill.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6110-Landfill	\$4,500,000	\$0	\$0	\$2,300,000	\$2,700,000	\$4,200,000	\$13,700,000
DESIGN	6110-Landfill	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$300,000	\$800,000
Grand Total		\$4,600,000	\$100,000	\$100,000	\$2,400,000	\$2,800,000	\$4,500,000	\$14,500,000

LANDFILL 4x4 REPLACEMENT TRUCKS

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78506

Project Number: CIPLF78506

Description

Trucks are used by the landfill inspector, mechanic, crew leader, supervisor and field employees. Two trucks will be reaching the end of their service life (one in 2020 and one in 2022). Four trucks will need replacement between 2025 and 2029.

Justification

Trucks are needed to transport landfill personnel various locations throughout the landfill site as needed.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$73,958		\$0			\$0	\$73,958
EQUIPMENT	6110-Landfill	\$35,000		\$35,000			\$150,000	\$220,000
Grand Total		\$108,958		\$35,000			\$150,000	\$293,958

FUEL TANKER REPLACEMENT

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78512

Project Number: CIPLF78512

Description

Replacement of fuel tanker, which was purchased 2008, is expected to reach the end of its serviceable life in 2020. The fuel tanker truck transports diesel fuel from the onsite storage tank to the landfill heavy equipment located on the active waste disposal areas. It's essential piece of support equipment at the landfill for maximizing operational efficiencies and minimizing equipment downtime.

Justification

Fuel tanker is an essential piece of equipment that maximizes operational efficiencies and minimizes downtime by have a local source for diesel refueling.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$197,600					\$0	\$197,600
EQUIPMENT	6110-Landfill	\$225,000					\$250,000	\$475,000
Grand Total		\$422,600					\$250,000	\$672,600

SOLID WASTE INSPECTION TRUCKS

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78514

Project Number: CIPLF78514

Description

This funding provides for the replacement of trucks in the Recycling Division. Currently, there are 8 half-ton extended cab pick-up trucks with lift gates in the Solid Waste Management fleet. Trucks will be replaced as follows: 1 in 2020, 1 in 2021 and 3 in 2025 thru 2029.

Justification

Trucks enable the inspectors to provide education and inspection of the recycle barrels and to improve the quality of materials sent for recycling.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$28,915	\$0				\$0	\$28,915
EQUIPMENT	6110-Landfill	\$23,711	\$23,711				\$75,000	\$122,422
Grand Total		\$52,626	\$23,711				\$75,000	\$151,337

LANDFILL WATER PULL/TRUCK

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78522

Project Number: CIPLF78522

Description

Replacement of the water pull truck in 2021 when the existing truck is expected to reach the end of its serviceable life. 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.

Justification

The water pull truck is a critical piece of support equipment for reducing dust and maintaining compliance with the existing air quality permit.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6110-Landfill		\$742,000				\$316,000	\$1,058,000
Grand Total			\$742,000				\$316,000	\$1,058,000

NORTHERN AVE IMPROVEMENTS (MCDOT)

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78528

Project Number: CIPLF78528

Description

This project provides funding for block wall that will extend west along the landfill property at 115th Ave. & Northern. The relocation of approximately 20 existing cacti that are to be removed due to Northern Ave. Parkway project. There are currently forty cacti along the right-of-way that were sold to MCDOT. 20 of the cacti will be donated to the Northern Ave. project, 20 will be relocated Landfill property at Glendale’s expense.

Justification

This is part of MDCOT’s Northern Parkway Project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$247,725						\$247,725
Grand Total		\$247,725						\$247,725

AUXILIARY EQUIPMENT

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78532

Project Number: CIPLF78532

Description

Replace auxiliary equipment needed by the landfill. These include light towers, air compressors, skid steers, bobcats, lube trailer, etc.

Justification

Replaces equipment needed to keep landfill operational and meeting its regulatory permit requirements

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$54,891	\$0		\$0		\$0	\$54,891
EQUIPMENT	6110-Landfill	\$0	\$29,685		\$30,000		\$65,000	\$124,685
Grand Total		\$54,891	\$29,685		\$30,000		\$65,000	\$179,576

STORMWATER CONTROLS

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78534

Project Number: CIPLF78534

Description

Storm water controls for the Glendale Municipal Landfill include installing top deck berms & culvert down drains, improving existing side slope channels, installing new storm water berms on the west fill region and channels on the west and east perimeters. Installing/improving perimeter access roads, installing the large south face down drains and improvements to the three retention basins.

Justification

Construction and maintenance of these storm water controls is mandated by the landfill’s regulatory permit.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$735,438	\$0	\$0	\$0	\$0	\$0	\$735,438
CONSTRUCT	6110-Landfill	\$219,223	\$230,000	\$230,000	\$0	\$0	\$0	\$679,223
DESIGN	6110-Landfill	\$50,000	\$50,000	\$50,000	\$290,000	\$300,000	\$800,000	\$1,540,000
Grand Total		\$1,004,661	\$280,000	\$280,000	\$290,000	\$300,000	\$800,000	\$2,954,661

LANDFILL GAS EXTRACTION SYSTEM

Package Number
FY20-29CIP

Project Type
Landfill

Project Number
CIPLF78535

Project Number: CIPLF78535

Description

Modifications to the Landfill Gas Extraction System (LGES) includes following the existing method of raising South Cell west slope vertical wellheads and installing new laterals as filling proceeds, installing horizontal collectors along the west side of the South Cell. Continuous modifications to the LGES are required to provide for collection of landfill gas created from the placement of trash.

Justification

Modifications and improvements to the LGES are required to meet the regulatory permit requirements for gas collection.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6110-Landfill	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
CONSTRUCT	6110-Landfill	\$200,000	\$240,000	\$350,000	\$450,000	\$260,000	\$1,100,000	\$2,600,000
DESIGN	6110-Landfill	\$20,000	\$30,000	\$50,000	\$50,000	\$40,000	\$100,000	\$290,000
Grand Total		\$280,000	\$270,000	\$400,000	\$500,000	\$300,000	\$1,200,000	\$2,950,000

FY 2020-2029 Capital Improvement Program

**Library
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPLB19011	WESTERN AREA LIBRARY	\$246,036				\$0	\$0	\$0	\$246,036
CIPLB19045	VELMA TEAGUE LIBRARY RENOVATION	\$0				\$294,603	\$1,366,952	\$0	\$1,661,555
CIPLB19046	MAIN LIBRARY RENOVATION	\$0				\$764,475	\$3,547,164	\$0	\$4,311,639
CIPLB19066	FOOTHILLS LIBRARY RENOVATION	\$0				\$0	\$0	\$7,456,900	\$7,456,900
CIPLB74751	LIBRARY BOOKS - POP. GROWTH	\$123,231				\$0	\$0	\$0	\$123,231
Grand Total		\$369,267				\$1,059,078	\$4,914,116	\$7,456,900	\$13,799,361

FY 2020-2029 Capital Improvement Program

Library
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj	\$0				\$0	\$0	\$7,456,900	\$7,456,900
2160-Other Grants	\$31,212				\$0	\$0	\$0	\$31,212
4100-Library Construction	\$0				\$1,059,078	\$4,914,116	\$0	\$5,973,194
4120-DIF library Building sb1525	\$63,480				\$0	\$0	\$0	\$63,480
4270-DIF Libraries sb 1525	\$174,443				\$0	\$0	\$0	\$174,443
4330-DIF Parks &Rec Zone 2 west 101	\$69,858				\$0	\$0	\$0	\$69,858
4370-DIF Parks Dev Zone 3 sb1525	\$13,137				\$0	\$0	\$0	\$13,137
4440-DIF General Government	\$17,137				\$0	\$0	\$0	\$17,137
Grand Total	\$369,267				\$1,059,078	\$4,914,116	\$7,456,900	\$13,799,361

WESTERN AREA LIBRARY

Package Number
FY20-29CIP

Project Type
Library

Project Number
CIPLB19011

Project Number: CIPLB19011

Description

This project was reviewed by the Library Advisory Board, staff, and Council. A conceptual design was approved by Council and direction was given to proceed with the design and construction of a Western Library at the Heroes Regional Park. The facility is 7500- 8000 square feet in size and would provide library services to residents in this geographic area of Glendale.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	2160-Other Grants	\$31,212						\$31,212
	4120-DIF library Building sb..	\$63,480						\$63,480
	4270-DIF Libraries sb 1525	\$51,212						\$51,212
	4330-DIF Parks &Rec Zone 2..	\$69,858						\$69,858
	4370-DIF Parks Dev Zone 3 s..	\$13,137						\$13,137
	4440-DIF General Governme..	\$17,137						\$17,137
Grand Total		\$246,036						\$246,036

VELMA TEAGUE LIBRARY RENOVATION

Package Number
FY20-29CIP

Project Type
Library

Project Number
CIPLB19045

Project Number: CIPLB19045

Description

Renovation and updating of the Velma Teague Library to update major building systems that have reached the end of their useful life and modernize the functions, technology, and equipment of the library to meet the needs of the community. The library will be closed for approximately one year and services will be relocated to remaining libraries

Justification

This project is necessary to extend the life of the structure and to improve library services, community experience, and improve the lives of the people we serve. This structure was built in 1971 and has exceeded its useful life. Replacement of major systems including, HVAC, roofing, electrical and plumbing are necessary. Investment in new technology, equipment, and services is necessary to meet the modern needs of the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4100-Library Construction				\$0	\$1,110,400		\$1,110,400
CONTGNCY	4100-Library Construction				\$0	\$176,761		\$176,761
DESIGN	4100-Library Construction				\$235,682	\$0		\$235,682
EQUIPMENT	4100-Library Construction				\$0	\$68,006		\$68,006
INTRNL CHG	4100-Library Construction				\$58,921	\$0		\$58,921
PUBLIC ART	4100-Library Construction				\$0	\$11,785		\$11,785
Grand Total					\$294,603	\$1,366,952		\$1,661,555

MAIN LIBRARY RENOVATION

Package Number
FY20-29CIP

Project Type
Library

Project Number
CIPLB19046

Project Number: CIPLB19046

Description

Renovation and updating of the Main Library to update major building systems that have reached the end of their useful life and modernize the functions, technology, and equipment of the library to meet the needs of the community

Justification

This project is necessary to extend the life of the structure and to improve library services, community experience, and improve the lives of the people we serve. This structure was built in 1987 and has exceeded its useful life. Replacement of major systems including, HVAC, roofing, electrical and plumbing are necessary. Investment in new technology, equipment, and services is necessary to meet the modern needs of the community. Customer usage and revenue could increase as well

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4100-Library Construction				\$0	\$2,678,900		\$2,678,900
CONTGNCY	4100-Library Construction				\$0	\$458,685		\$458,685
DESIGN	4100-Library Construction				\$611,580	\$0		\$611,580
EQUIPMENT	4100-Library Construction				\$0	\$379,000		\$379,000
INTRNL CHG	4100-Library Construction				\$152,895	\$0		\$152,895
PUBLIC ART	4100-Library Construction				\$0	\$30,579		\$30,579
Grand Total					\$764,475	\$3,547,164		\$4,311,639

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M							\$25,000	\$25,000
Grand Total							\$25,000	\$25,000

FOOTHILLS LIBRARY RENOVATION

Package Number
FY20-29CIP

Project Type
Library

Project Number
CIPLB19066

Project Number: CIPLB19066

Description

Renovation and updating of the Foothills Library to update major building systems that have reached the end of their useful life and modernize the functions, technology, and equipment of the library to meet the needs of the community.

Justification

To extend the life of the structure and to improve library services, community experience, and improve the lives of the people we serve. This structure was built in 1997 and has exceeded its useful life. Replacement of major systems including, HVAC, roofing, electrical and plumbing are necessary. Investment in new technology, equipment, and services to meet community needs. Customer usage and revenue could increase as well.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$5,412,500	\$5,412,500
CONTGNCY	1080-General Government C..						\$811,875	\$811,875
DESIGN	1080-General Government C..						\$1,082,500	\$1,082,500
EQUIPMENT	1080-General Government C..						\$95,900	\$95,900
PUBLIC ART	1080-General Government C..						\$54,125	\$54,125
Grand Total							\$7,456,900	\$7,456,900

LIBRARY BOOKS - POP. GROWTH

Package Number
FY20-29CIP

Project Type
Library

Project Number
CIPLB74751

Project Number: CIPLB74751

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.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4270-DIF Libraries sb 1525	\$123,231						\$123,231
Grand Total		\$123,231						\$123,231

FY 2020-2029 Capital Improvement Program

Parking Lots
Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPPL19059	RENEW PARKING GARAGES/LOTS							\$4,648,689	\$4,648,689
Grand Total								\$4,648,689	\$4,648,689

FY 2020-2029 Capital Improvement Program

Parking Lots
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj							\$4,648,689	\$4,648,689
Grand Total							\$4,648,689	\$4,648,689

RENEW PARKING GARAGES/LOTS

Package Number
FY20-29CIP

Project Type
Parking Lots

Project Number
All

Project Number: CIPPL19059

Description

For renewal of the City’s parking garages and lots, including City Hall, Main Library, and Main Public Safety buildings. Priority list, and estimated costs, comply with industry standards. Lucity asset management system will detail conditions and priorities. This management tool will provide timely information, and the inventory and assessment effort will be completed in FY 2020.

Justification

The City has approximately 1,600,000 sq.ft. of building space, including over 500,000 dedicated to public safety. Many of these buildings have parking lots/garages are beyond their useful life, and are in need of sealing, repaving, or other maintenance. Renewing these assets aligns with the City’s strategic priorities including: reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	1080-General Government C..						\$3,770,000	\$3,770,000
CONTGNCY	1080-General Government C..						\$135,689	\$135,689
DESIGN	1080-General Government C..						\$625,000	\$625,000
INTRNL CHG	1080-General Government C..						\$105,000	\$105,000
PUBLIC ART	1080-General Government C..						\$13,000	\$13,000
Grand Total							\$4,648,689	\$4,648,689

FY 2020-2029 Capital Improvement Program

Parks Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPPK19004	ORANGEWOOD VISTA	\$60,568	\$0	\$0	\$0	\$0	\$0	\$0	\$60,568
CIPPK19005	PARKS MASTER PLAN UPDATE	\$235,433	\$0	\$0	\$0	\$0	\$0	\$0	\$235,433
CIPPK19007	PICNIC RAMADA EXPANSION	\$229,881	\$0	\$0	\$0	\$0	\$0	\$0	\$229,881
CIPPK19008	SAHUARO RANCH PARK IMPROVMENTS	\$54,839	\$0	\$0	\$0	\$0	\$0	\$0	\$54,839
CIPPK19009	T-BIRD PARK MASTER PLAN	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
CIPPK19012	DISTRICT IMPROVEMENTS - YUCCA	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0	\$34,000
CIPPK19013	DISTRICT IMPROVEMENTS - SAHUARO	\$8,383	\$0	\$0	\$0	\$0	\$0	\$0	\$8,383
CIPPK19014	DISTRICT IMPROVEMENTS - OCOTILLO	\$7,700	\$0	\$0	\$0	\$0	\$0	\$0	\$7,700
CIPPK19032	PARK GROUND AND IRRIGATION	\$0	\$0	\$0	\$1,060,716	\$1,060,716	\$0	\$0	\$2,121,432
CIPPK19033	PARK LIGHTING	\$0	\$0	\$0	\$820,583	\$820,583	\$820,583	\$820,583	\$3,282,332
CIPPK19034	Park Infrastructure Imps.	\$0	\$0	\$0	\$10,500,000	\$10,500,000	\$10,500,000	\$10,500,000	\$42,000,000
CIPPK19035	PLAY PARK STRUCTURES	\$0	\$0	\$0	\$798,750	\$798,750	\$798,750	\$798,750	\$3,195,000
CIPPK19036	HEROES REGIONAL PARK LAKE	\$0	\$232,276	\$0	\$4,203,361	\$0	\$0	\$0	\$4,435,637

FY 2020-2029 Capital Improvement Program

Parks Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPPK19077	THUNDERBIRD CONSV. PARK IMPS	\$0	\$0	\$0	\$0	\$0	\$0	\$11,629,200	\$11,629,200
CIPPK20024	PARKS MASTER PLAN REPLACEMENT	\$0	\$230,000	\$0	\$0	\$0	\$0	\$0	\$230,000
CIPPK20025	PARK AMENITY UPGRADES	\$0	\$177,578	\$0	\$0	\$0	\$0	\$0	\$177,578
CIPPK20026	PARK AMENITY UPGRADES 4310	\$0	\$52,303	\$0	\$0	\$0	\$0	\$0	\$52,303
CIPPK20027	THUNDERBIRD MASTER PLAN	\$0	\$34,944	\$0	\$0	\$0	\$0	\$0	\$34,944
CIPPK20028	THUNDERBIRD PARK IMPS. 4250	\$0	\$83,083	\$0	\$0	\$0	\$0	\$0	\$83,083
CIPPK20029	CITYWIDE PARK IMPS.	\$0	\$105,917	\$0	\$0	\$0	\$0	\$0	\$105,917
CIPPK20031	O'NEIL PARK SPLASH PAD	\$0	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
CIPPK70007	OPEN SPACE/TRAILS MASTER PLAN	\$11,876	\$0	\$0	\$0	\$0	\$0	\$0	\$11,876
CIPPK70453	DISCOVERY PARK	\$33,627	\$0	\$0	\$0	\$0	\$0	\$0	\$33,627
CIPPK70454	PASADENA PARK	\$15,274	\$0	\$0	\$0	\$0	\$0	\$0	\$15,274
CIPPK70546	SAHUARO RANCH PARK MASTER PLAN	\$14,802	\$0	\$0	\$0	\$0	\$0	\$0	\$14,802
CIPPK72806	GRAND CANAL LINEAR PRK STAGING	\$3,856	\$0	\$0	\$0	\$0	\$0	\$0	\$3,856

FY 2020-2029 Capital Improvement Program

Parks Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPPK72808	THUNDERBIRD PARK IMPRVMT	\$83,083	\$150,000	\$176,795	\$0	\$0	\$0	\$0	\$409,878
CIPPK72812	HEROES REGIONAL PARK	\$49,868	\$0	\$0	\$0	\$0	\$0	\$0	\$49,868
CIPPK73404	PASEO LINEAR PARK ADDITIONS	\$154,438	\$0	\$0	\$0	\$0	\$0	\$0	\$154,438
CIPPK73475	CITYWIDE PARK IMPROV	\$105,917	\$0	\$0	\$0	\$0	\$0	\$0	\$105,917
CIPPK73576	BIKE PARK Foothills Park	\$135,000	\$140,000	\$0	\$0	\$0	\$0	\$0	\$275,000
CIPPK73625	NEW RIVER TRAIL ZN 2 W	\$58,312	\$58,312	\$0	\$0	\$0	\$0	\$0	\$116,624
CIPPK77516	AMPHITHEATER RENOVATIONS	\$202,000	\$0	\$0	\$0	\$202,000	\$2,670,624	\$0	\$3,074,624
Grand Total		\$1,548,857	\$1,354,413	\$176,795	\$17,383,410	\$13,382,049	\$14,789,957	\$23,748,533	\$72,384,014

FY 2020-2029 Capital Improvement Program

Parks Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj	\$50,083	\$0	\$0	\$0	\$0	\$0	\$0	\$50,083
2160-Other Grants	\$9,309	\$0	\$0	\$0	\$0	\$0	\$0	\$9,309
4050-Parks Construction	\$14,802	\$322,276	\$0	\$17,383,410	\$13,180,049	\$12,119,333	\$12,119,333	\$55,139,203
4060-Government Facilities	\$202,000	\$0	\$0	\$0	\$202,000	\$2,670,624	\$0	\$3,074,624
4080-Cultural Facility	\$45,530	\$0	\$0	\$0	\$0	\$0	\$0	\$45,530
4090-Open Space/Trail Construction	\$26,932	\$0	\$176,795	\$0	\$0	\$0	\$11,629,200	\$11,832,927
4230-DIF Citywide Parks sb 1525	\$1,526	\$0	\$0	\$0	\$0	\$0	\$0	\$1,526
4240-DIF Citywide Parks	\$105,917	\$105,917	\$0	\$0	\$0	\$0	\$0	\$211,834
4250-DIF Citywide REC/FAC sb 1525	\$142,240	\$83,083	\$0	\$0	\$0	\$0	\$0	\$225,323
4290-DIF Citywide Open Space	\$83,845	\$184,944	\$0	\$0	\$0	\$0	\$0	\$268,789
4300-DIF Parks Dev Zone 1 sb 1525	\$59,042	\$0	\$0	\$0	\$0	\$0	\$0	\$59,042
4310-DIF Parks Dev Zone 1	\$52,303	\$52,303	\$0	\$0	\$0	\$0	\$0	\$104,606
4320-DIF Parks and Rec Zone 1 East	\$312,578	\$140,000	\$0	\$0	\$0	\$0	\$0	\$452,578

FY 2020-2029 Capital Improvement Program

Parks
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
4330-DIF Parks & Rec Zone 2 west 101	\$288,312	\$465,890	\$0	\$0	\$0	\$0	\$0	\$754,202
4370-DIF Parks Dev Zone 3 sb1525	\$154,438	\$0	\$0	\$0	\$0	\$0	\$0	\$154,438
Grand Total	\$1,548,857	\$1,354,413	\$176,795	\$17,383,410	\$13,382,049	\$14,789,957	\$23,748,533	\$72,384,014

ORANGEWOOD VISTA

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19004

Project Number: CIPPK19004

Description

Impact fees will be used to address park amenities and infrastructure that appeared in the original park design, but have not been constructed. Completion of the neighborhood/school joint-use park that currently serves a one-mile radius as per the current standards. Additionally, we need to add to existing play structures to accommodate the age category 6 months to two years. Current playground events are designed for children ages 2 - 5 and 5 - 12. Recent ASTM and CPSC standards have indicated a need to provide play events for the younger age group. This project meets the 2011 Parks and Recreation Master Plan's primary action plan goals of "Develop and improve shade structures and amenities in parks" and "Revitalize cond..

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4230-DIF Citywide Parks sb ..	\$1,526						\$1,526
	4300-DIF Parks Dev Zone 1 s..	\$59,042						\$59,042
Grand Total		\$60,568						\$60,568

PARKS MASTER PLAN UPDATE

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19005

Project Number: CIPPK19005

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. The project is for the replacement of the existing Parks and Recreation master plan that is 26 years old. The plan update will incorporate and update the existing Thunderbird Conservation Park Master Plan and the Open Space and Trails master plans.

Justification

The current Parks and Recreation Master Plan was originally approved in 2002 and updated in 2011.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4250-DIF Citywide REC/FAC ..	\$5,433						\$5,433
	4330-DIF Parks &Rec Zone 2 ..	\$230,000						\$230,000
Grand Total		\$235,433						\$235,433

PICNIC RAMADA EXPANSION

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19007

Project Number: CIPPK19007

Description

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

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4310-DIF Parks Dev Zone 1	\$52,303						\$52,303
	4320-DIF Parks and Rec Zon..	\$177,578						\$177,578
Grand Total		\$229,881						\$229,881

SAHUARO RANCH PARK IMPROVMENTS

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19008

Project Number: CIPPK19008

Description

This project will continue the replacement of aging amenities in the historic area’s 13 original buildings and adjacent areas. A separate assessment of the current historic infrastructure will be completed to determine criteria for replacement. Staff will continue to make potential safety items the highest priority and address as much of the replacement items until funding is depleted.

Justification

Replacement and renovation of historic infrastructure to address priority items identified in the assessment recommendations.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	2160-Other Grants	\$9,309						\$9,309
	4080-Cultural Facility	\$45,530						\$45,530
Grand Total		\$54,839						\$54,839

T-BIRD PARK MASTER PLAN

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19009

Project Number: CIPPK19009

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. This project will update the existing Thunderbird Conservation Park master plan that is 22 years old. The update will be included in the Parks and Recreation Department Master Plan Replacement CIP project. This is partial funding, the balance is being requested in Fund 2140 Open Space and Trails in the amount of \$15,056.

Justification

This project will update the existing Thunderbird Conservation Park master plan that is 22 years old.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4090-Open Space/Trail Cons..	\$15,056						\$15,056
	4290-DIF Citywide Open Spa..	\$34,944						\$34,944
Grand Total		\$50,000						\$50,000

DISTRICT IMPROVEMENTS - YUCCA

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19012

Project Number: CIPPK19012

Description

Various capital improvements in Yucca District

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$34,000						\$34,000
Grand Total		\$34,000						\$34,000

DISTRICT IMPROVEMENTS - SAHUARO

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19013

Project Number: CIPPK19013

Description

Various capital improvements in Sahuaro District

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$8,383						\$8,383
Grand Total		\$8,383						\$8,383

DISTRICT IMPROVEMENTS - OCOTILLO

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19014

Project Number: CIPPK19014

Description

Various capital improvements in Ocotillo District

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$7,700						\$7,700
Grand Total		\$7,700						\$7,700

PARK GROUND AND IRRIGATION

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19032

Project Number: CIPPK19032

Description

This project is for the replacement of aging turf irrigation infrastructure throughout the city's park inventory. A separate assessment of the current infrastructure will be completed to determine criteria for replacement. This project follows key elements of the master plan including: Care of Infrastructure; maintain and improve what we have; maintain, enhance park facilities to promote health and safety; and the 4th most important item to improve in the current master plan citizen survey.

Justification

Replacement of aging park irrigation infrastructure per the current master plan and to address recommendations from the irrigation system assessment.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4050-Parks Construction			\$710,680	\$710,680			\$1,421,360
CONTGNCY	4050-Parks Construction			\$106,072	\$106,072			\$212,144
DESIGN	4050-Parks Construction			\$127,286	\$127,286			\$254,572
INTRNL CHG	4050-Parks Construction			\$106,072	\$106,072			\$212,144
PUBLIC ART	4050-Parks Construction			\$10,606	\$10,606			\$21,212
Grand Total				\$1,060,716	\$1,060,716			\$2,121,432

PARK LIGHTING

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19033

Project Number: CIPPK19033

Description

This project is for the replacement of aging park and sport court lighting throughout the city's park inventory. A separate assessment of the current irrigation infrastructure will be completed to determine criteria for replacement. This project follows key elements of the master plan: core service of Care of Infrastructure: maintain and improve what we have; maintain, enhance park facilities to promote healthy lifestyles and safety and the 4th most important to improve."

Justification

Replacement of aging park lighting infrastructure per the current master plan and to address recommendations from the park lighting assessment.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4050-Parks Construction			\$549,791	\$549,791	\$549,791	\$549,791	\$2,199,164
CONTGNCY	4050-Parks Construction			\$82,058	\$82,058	\$82,058	\$82,058	\$328,232
DESIGN	4050-Parks Construction			\$98,470	\$98,470	\$98,470	\$98,470	\$393,880
INTRNL CHG	4050-Parks Construction			\$82,058	\$82,058	\$82,058	\$82,058	\$328,232
PUBLIC ART	4050-Parks Construction			\$8,206	\$8,206	\$8,206	\$8,206	\$32,824
Grand Total				\$820,583	\$820,583	\$820,583	\$820,583	\$3,282,332

Park Infrastructure Imps.

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19034

Project Number: CIPPK19034

Description

This project is for the replacement of aging infrastructure and amenities in city parks. A separate assessment of the current parks infrastructure will be completed to determine criteria for replacement. This project follows key elements of the master plan: core service of Care of Infrastructure: maintain and improve what we have; maintain, enhance park facilities to promote healthy lifestyles and safety and the 4th most important to improve in citizen survey.

Justification

Replacement of aging amenities in city park per the current parks and recreation master plan and to address recommendations from the assessment of current condition of parks infrastructure and amenities.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4050-Parks Construction			\$7,035,000	\$7,035,000	\$7,035,000	\$7,035,000	\$28,140,000
CONTGNCY	4050-Parks Construction			\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$4,200,000
DESIGN	4050-Parks Construction			\$1,260,000	\$1,260,000	\$1,260,000	\$1,260,000	\$5,040,000
INTRNL CHG	4050-Parks Construction			\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$4,200,000
PUBLIC ART	4050-Parks Construction			\$105,000	\$105,000	\$105,000	\$105,000	\$420,000
Grand Total				\$10,500,000	\$10,500,000	\$10,500,000	\$10,500,000	\$42,000,000

PLAY PARK STRUCTURES

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19035

Project Number: CIPPK19035

Description

This project is for the replacement of aging park play structures throughout the city’s park inventory. A separate assessment of the current infrastructure will be completed to determine criteria for replacement. This project follows key elements of the master plan including: Care of Infrastructure; maintain and improve what we have; maintain, enhance park facilities to promote health and safety; and the 4th most important item to improve in the current master plan citizen survey.

Justification

Replacement of aging park play structures in city parks per the current parks and recreation master plan and address recommendations from the assessment of current conditions of park play structures.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONTGNCY	4050-Parks Construction			\$79,875	\$79,875	\$79,875	\$79,875	\$319,500
DESIGN	4050-Parks Construction			\$95,850	\$95,850	\$95,850	\$95,850	\$383,400
EQUIPMENT	4050-Parks Construction			\$615,038	\$615,038	\$615,038	\$615,038	\$2,460,152
PUBLIC ART	4050-Parks Construction			\$7,987	\$7,987	\$7,987	\$7,987	\$31,948
Grand Total				\$798,750	\$798,750	\$798,750	\$798,750	\$3,195,000

HEROES REGIONAL PARK LAKE

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19036

Project Number: CIPPK19036

Description

This project is for the construction of an urban lake at Heroes Regional Park. The originally-approved concept is for a 7.6-acre lake and necessary pumping/irrigation system, which will cover irrigation needs for the proposed turf and landscaping throughout the park and provide up to 30-day storage capacity. The lake would be part of the Urban Fishing Program. A separate assessment of the current lake requirements will be completed to determine phasing the design and construction.

Justification

This project is for the phased design and construction of the Heroes Regional Park Lake per the originally approved 2005 Design Concept Report.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4050-Parks Construction	\$0		\$3,271,877				\$3,271,877
CONTGNCY	4050-Parks Construction	\$0		\$443,564				\$443,564
INTRNL CHG	4050-Parks Construction	\$0		\$443,564				\$443,564
PUBLIC ART	4050-Parks Construction	\$0		\$44,356				\$44,356
STUDY	4050-Parks Construction	\$232,276		\$0				\$232,276
Grand Total		\$232,276		\$4,203,361				\$4,435,637

THUNDERBIRD CONSV. PARK IMPS

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK19077

Project Number: CIPPK19077

Description

This project addresses key items developed through public input for the 2011 Glendale Parks and Recreation Master Plan Update. This request is for replacement of aging infrastructure at Thunderbird Conservation Park including repair of existing trails. and replacement/addition of restrooms, ramadas, parking spaces, and roadways.

Justification

This project meets important elements of the master plan including Care of Infrastructure.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4090-Open Space/Trail Cons..						\$8,810,000	\$8,810,000
CONTGNCY	4090-Open Space/Trail Cons..						\$969,100	\$969,100
DESIGN	4090-Open Space/Trail Cons..						\$1,497,700	\$1,497,700
INTRNL CHG	4090-Open Space/Trail Cons..						\$264,300	\$264,300
PUBLIC ART	4090-Open Space/Trail Cons..						\$88,100	\$88,100
Grand Total							\$11,629,200	\$11,629,200

PARKS MASTER PLAN REPLACEMENT

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20024

Project Number: CIPPK20024

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. The project is for the replacement of the existing Parks and Recreation master plan that is 26 years old. The plan update will incorporate and update the existing Thunderbird Conservation Park Master Plan and the Open Space and Trails master plans.

Justification

The current Parks and Recreation Master Plan was originally approved in 2002 and updated in 2011.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
STUDY	4330-DIF Parks &Rec Zone 2..	\$230,000						\$230,000
Grand Total		\$230,000						\$230,000

PARK AMENITY UPGRADES

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20025

Project Number: CIPPK20025

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. This project is to add parks and recreation amenities to existing parks within the areas defined by DIF regulations. Staff will use the recommendations of the parks inventory assessment project to complete upgrades until the funding has been depleted.

Justification

This project will address increased demand and usage in the appropriate DIF eligible area.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4330-DIF Parks &Rec Zone 2..	\$136,735						\$136,735
CONTGNCY	4330-DIF Parks &Rec Zone 2..	\$17,758						\$17,758
DESIGN	4330-DIF Parks &Rec Zone 2..	\$21,309						\$21,309
PUBLIC ART	4330-DIF Parks &Rec Zone 2..	\$1,776						\$1,776
Grand Total		\$177,578						\$177,578

PARK AMENITY UPGRADES 4310

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20026

Project Number: CIPPK20026

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. This project is to add parks and recreation amenities to existing parks within the areas defined by DIF regulations. Staff will use the recommendations of the parks inventory assessment project to complete upgrades until the funding has been depleted.

Justification

This project will address increased demand and usage in the appropriate DIF eligible area.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4310-DIF Parks Dev Zone 1	\$40,273						\$40,273
CONTGNCY	4310-DIF Parks Dev Zone 1	\$5,230						\$5,230
DESIGN	4310-DIF Parks Dev Zone 1	\$6,276						\$6,276
PUBLIC ART	4310-DIF Parks Dev Zone 1	\$524						\$524
Grand Total		\$52,303						\$52,303

THUNDERBIRD MASTER PLAN

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20027

Project Number: CIPPK20027

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. This project will update the existing Thunderbird Conservation Park master plan that is 22 years old. The update will be included in the Parks and Recreation Department Master Plan Replacement CIP project. This is partial funding, the balance is being requested in Fund 2140 Open Space and Trails in the amount of \$15,056.

Justification

This project will update the existing Thunderbird Conservation Park master plan that is 22 years old.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
STUDY	4290-DIF Citywide Open Spa..	\$34,944						\$34,944
Grand Total		\$34,944						\$34,944

THUNDERBIRD PARK IMPS. 4250

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20028

Project Number: CIPPK20028

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. This project will help address ongoing needs for construction/renovation of Thunderbird Conservation Park trails based on increased usage and recommendations from a recently completed trail assessment.

Justification

Trail improvements due to increased usage and recommendations from a recently completed trail assessment study.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4250-DIF Citywide REC/FAC ..	\$63,974						\$63,974
CONTGNCY	4250-DIF Citywide REC/FAC ..	\$8,308						\$8,308
DESIGN	4250-DIF Citywide REC/FAC ..	\$9,970						\$9,970
PUBLIC ART	4250-DIF Citywide REC/FAC ..	\$831						\$831
Grand Total		\$83,083						\$83,083

CITYWIDE PARK IMPS.

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20029

Project Number: CIPPK20029

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. The project would include the construction of additional amenities at DIF eligible parks. This project meets the 2011 Parks and Recreation Master Plan’s primary action plan goals of “Develop and improve shade structures and amenities in parks” and “Revitalize conditions of neighborhood parks”.

Justification

Construction of addition amenities due to increased demand and growth and as recommended in the current Parks and Recreation master plan.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4240-DIF Citywide Parks	\$81,556						\$81,556
CONTGNCY	4240-DIF Citywide Parks	\$10,592						\$10,592
DESIGN	4240-DIF Citywide Parks	\$12,710						\$12,710
PUBLIC ART	4240-DIF Citywide Parks	\$1,059						\$1,059
Grand Total		\$105,917						\$105,917

O'NEIL PARK SPLASH PAD

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK20031

Project Number: CIPPK20031

Description

This project is for the design of a new splashpad at O'Neil Park. The proposed design will include the splashpad area, rubberized surfacing, spray amenities, associated plumbing and pumps, seat benches, walkway and shade covering.

Justification

This project is being developed per City Council direction and will replace previous aquatics facilities for the park service area and adjacent neighborhoods.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
DESIGN	4050-Parks Construction	\$90,000						\$90,000
Grand Total		\$90,000						\$90,000

OPEN SPACE/TRAILS MASTER PLAN

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK70007

Project Number: CIPPK70007

Description

This project is to revise the existing Open Space and Trails Master Plan that is 23 years old. 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. This update will be included as part of the Parks and Recreation Department Master Plan.

Justification

This project is to revise the existing Open Space and Trails Master Plan that is 23 years old.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4090-Open Space/Trail Cons..	\$11,876						\$11,876
Grand Total		\$11,876						\$11,876

DISCOVERY PARK

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK70453

Project Number: CIPPK70453

Description

This project will create new amenities and infrastructure related to Discovery Park. Improvements will 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.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4290-DIF Citywide Open Spa..	\$33,627						\$33,627
Grand Total		\$33,627						\$33,627

PASADENA PARK

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK70454

Project Number: CIPPK70454

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.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4290-DIF Citywide Open Spa..	\$15,274						\$15,274
Grand Total		\$15,274						\$15,274

SAHUARO RANCH PARK MASTER PLAN

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK70546

Project Number: CIPPK70546

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.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4050-Parks Construction	\$14,802						\$14,802
Grand Total		\$14,802						\$14,802

GRAND CANAL LINEAR PRK STAGING

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK72806

Project Number: CIPPK72806

Description

This project 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".

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4250-DIF Citywide REC/FAC ..	\$3,856						\$3,856
Grand Total		\$3,856						\$3,856

THUNDERBIRD PARK IMPRVMT

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK72808

Project Number: CIPPK72808

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city's increased costs for providing new or expanded infrastructure. This project will help address ongoing needs for construction/renovation of Thunderbird Conservation Park trails based on increased usage and recommendations from a recently completed trail assessment.

Justification

Trail improvements due to increased usage and recommendations from a recently completed trail assessment study.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4250-DIF Citywide REC/FAC ..	\$83,083	\$0					\$83,083
CONSTRUCT	4090-Open Space/Trail Cons..	\$0	\$154,000					\$154,000
	4290-DIF Citywide Open Spa..	\$115,500	\$0					\$115,500
CONTGNCY	4090-Open Space/Trail Cons..	\$0	\$9,255					\$9,255
	4290-DIF Citywide Open Spa..	\$15,000	\$0					\$15,000
DESIGN	4290-DIF Citywide Open Spa..	\$18,000	\$0					\$18,000
INTRNL CHG	4090-Open Space/Trail Cons..	\$0	\$12,000					\$12,000
PUBLIC ART	4090-Open Space/Trail Cons..	\$0	\$1,540					\$1,540
	4290-DIF Citywide Open Spa..	\$1,500	\$0					\$1,500
Grand Total		\$233,083	\$176,795					\$409,878

HEROES REGIONAL PARK

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK72812

Project Number: CIPPK72812

Description

This project is for the completion of the half street improvements along the east side of 83rd Avenue, from Bethany Home Road to the park entrance at Berridge Lane.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4250-DIF Citywide REC/FAC ..	\$49,868						\$49,868
Grand Total		\$49,868						\$49,868

PASEO LINEAR PARK ADDITIONS

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK73404

Project Number: CIPPK73404

Description

Installation of additional recreation park features, such as picnic tables, exercise stations, playgrounds and shade structures in Thunderbird Paseo Linear Park between 51st Avenue and 73rd Avenue and Olive Avenue and Greenway Road.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4370-DIF Parks Dev Zone 3 s..	\$154,438						\$154,438
Grand Total		\$154,438						\$154,438

CITYWIDE PARK IMPROV

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK73475

Project Number: CIPPK73475

Description

“This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. The project would include the construction of additional amenities at DIF eligible parks. This project meets the 2011 Parks and Recreation Master Plan’s primary action plan goals of ““Develop and improve shade structures and amenities in parks”” and ““Revitalize conditions of neighborhood parks””.

Justification

Construction of addition amenities due to increased demand and growth and as recommended in the current Parks and Recreation master plan.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4240-DIF Citywide Parks	\$105,917						\$105,917
Grand Total		\$105,917						\$105,917

BIKE PARK Foothills Park

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK73576

Project Number: CIPPK73576

Description

This project is for the design and construction of a new bike amenity at Foothills Park. The project will include new and unique design that will allow different types of bike use as well as scooters and skateboards in a pump track construction.

Justification

Staff has encountered continued bike use at the Foothills SK8 Court which was designed and built using skateboard specifications only. This project will provide a bike/bmx/scooter option not currently available at the SK8 Court.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4320-DIF Parks and Rec Zon..	\$135,000						\$135,000
CONSTRUCT	4320-DIF Parks and Rec Zon..	\$107,800						\$107,800
CONTGNCY	4320-DIF Parks and Rec Zon..	\$14,000						\$14,000
DESIGN	4320-DIF Parks and Rec Zon..	\$16,800						\$16,800
PUBLIC ART	4320-DIF Parks and Rec Zon..	\$1,400						\$1,400
Grand Total		\$275,000						\$275,000

NEW RIVER TRAIL ZN 2 W

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK73625

Project Number: CIPPK73625

Description

This project funding source is Development Impact Fees (DIF) which are designed to cover a city’s increased costs for providing new or expanded infrastructure. The New River Trail system is an important link to a region-wide multi-use trail system that connects Glendale with adjacent regional trail systems. This project is to develop a trail map and sign design that identifies City of Glendale segments within the larger trail network and guides users through the system.

Justification

This project will address increased usage and help direct users in a recently expanded trail system that now connects to adjacent trail networks.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4330-DIF Parks &Rec Zone 2..	\$58,312						\$58,312
CONSTRUCT	4330-DIF Parks &Rec Zone 2..	\$44,900						\$44,900
CONTGNCY	4330-DIF Parks &Rec Zone 2..	\$5,831						\$5,831
DESIGN	4330-DIF Parks &Rec Zone 2..	\$6,997						\$6,997
PUBLIC ART	4330-DIF Parks &Rec Zone 2..	\$584						\$584
Grand Total		\$116,624						\$116,624

AMPHITHEATER RENOVATIONS

Package Number
FY20-29CIP

Project Type
Parks

Project Number
CIPPK77516

Project Number: CIPPK77516

Description

Renovate the E. Lowell Rogers Amphitheater at City Hall. FY 2018 study identified deficiencies and recommended solutions such as: spatial quality, seating, shading , stage improvements, support areas, circulation and accessibility, concessions, storage and audio-visual system improvements. Design scheduled for FY 2023. Construction - FY 2024, including council chambers basement renovation.

Justification

The City Hall Amphitheater has outlived its useful life and does not adequately provide a performance venue. Much of the equipment and systems are in poor condition and must be replaced. The public experience is poor and does not meet modern accessibility standards. O&M does not include personnel or maintenance of audio visual equipment

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4060-Government Facilities	\$202,000			\$0	\$0		\$202,000
CONSTRUCT	4060-Government Facilities	\$0			\$0	\$2,670,624		\$2,670,624
DESIGN	4060-Government Facilities	\$0			\$202,000	\$0		\$202,000
Grand Total		\$202,000			\$202,000	\$2,670,624		\$3,074,624

FY 2020-2029 Capital Improvement Program

Public Safety Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPFC19037	UNDERGROUND STORAGE TANK REPLACE	\$0	\$0	\$0	\$0	\$0	\$450,000	\$0	\$450,000
CIPPS19003	DIF UPDATE	\$1,548	\$0	\$0	\$0	\$0	\$15,654	\$65,992	\$83,194
CIPPS19028	CITY PROSECUTOR REMODEL	\$0	\$0	\$0	\$300,000	\$2,700,000	\$0	\$0	\$3,000,000
CIPPS19029	REPL./REM. FIRE STATION #153	\$0	\$0	\$0	\$470,000	\$4,720,000	\$0	\$0	\$5,190,000
CIPPS19030	NEW POLICE EVIDENCE STORAGE	\$0	\$0	\$0	\$100,000	\$9,500,000	\$0	\$0	\$9,600,000
CIPPS19031	CITY COURT REMODEL	\$0	\$0	\$0	\$400,000	\$3,600,000	\$0	\$0	\$4,000,000
CIPPS19041	MAIN PUBLIC SAFETY BLDG REMODEL	\$0	\$0	\$0	\$0	\$878,490	\$17,025,136	\$0	\$17,903,626
CIPPS19042	FOOTHILLS POLICE STATION REMODEL	\$0	\$0	\$0	\$0	\$100,000	\$0	\$3,615,748	\$3,715,748
CIPPS19043	GATEWAY POLICE STATION REMODEL	\$0	\$0	\$0	\$0	\$100,000	\$330,000	\$4,596,328	\$5,026,328
CIPPS19044	RENOVATE FIRE STATION #154	\$0	\$0	\$0	\$0	\$200,000	\$2,425,000	\$0	\$2,625,000
CIPPS19049	FIRE STATION - WESTERN AREA	\$0	\$0	\$0	\$0	\$0	\$0	\$12,555,575	\$12,555,575
CIPPS19050	REPL./REM. FIRE STATION #155	\$0	\$0	\$0	\$0	\$0	\$470,000	\$4,720,000	\$5,190,000
CIPPS19051	RENOVATE FIRE STATION #156	\$0	\$0	\$0	\$0	\$0	\$0	\$2,625,000	\$2,625,000

FY 2020-2029 Capital Improvement Program

Public Safety Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPPS19052	RENOVATE FIRE STA. #157	\$0	\$0	\$0	\$0	\$0	\$0	\$2,825,000	\$2,825,000
CIPPS19053	POLICE STATION -WEST AREA	\$0	\$0	\$0	\$0	\$0	\$0	\$2,006,000	\$2,006,000
CIPPS19054	CITY COURT BUILDING	\$0	\$0	\$0	\$0	\$0	\$0	\$36,380,000	\$36,380,000
CIPPS19055	800MHz COMM EQUIP	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380,643	\$1,380,643
CIPPS20033	PUBLIC SAFETY BUILDING REMODELS	\$0	\$800,000	\$7,532,000	\$0	\$0	\$0	\$0	\$8,332,000
CIPPS70814	FIRE LADDER/TENDER TRUCKS	\$350,000	\$464,000	\$495,000	\$1,600,000	\$1,705,000	\$3,650,000	\$0	\$8,264,000
CIPPS75039	REMODEL FIRE STATION #152	\$952,753	\$0	\$0	\$0	\$0	\$0	\$0	\$952,753
Grand Total		\$1,304,301	\$1,264,000	\$8,027,000	\$2,870,000	\$23,503,490	\$24,365,790	\$70,770,286	\$132,104,867

FY 2020-2029 Capital Improvement Program

Public Safety Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
1080-General Government Capital Prj	\$350,000	\$464,000	\$495,000	\$1,600,000	\$1,705,000	\$3,650,000	\$0	\$8,264,000
4040-Public Safety Construction	\$952,753	\$800,000	\$7,532,000	\$1,270,000	\$21,798,490	\$20,700,136	\$70,704,294	\$123,757,673
4130-DIF Fire Prot Facilit sb1525	\$515	\$0	\$0	\$0	\$0	\$15,654	\$0	\$16,169
4250-DIF Citywide REC/FAC sb 1525	\$114	\$0	\$0	\$0	\$0	\$0	\$3,469	\$3,583
4270-DIF Libraries sb 1525	\$577	\$0	\$0	\$0	\$0	\$0	\$17,563	\$18,140
4300-DIF Parks Dev Zone 1 sb 1525	\$114	\$0	\$0	\$0	\$0	\$0	\$6,938	\$7,052
4370-DIF Parks Dev Zone 3 sb1525	\$228	\$0	\$0	\$0	\$0	\$0	\$3,469	\$3,697
4390-DIF Roadway Improve sb1525	\$0	\$0	\$0	\$0	\$0	\$0	\$34,553	\$34,553
Grand Total	\$1,304,301	\$1,264,000	\$8,027,000	\$2,870,000	\$23,503,490	\$24,365,790	\$70,770,286	\$132,104,867

UNDERGROUND STORAGE TANK REPLACE

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPFC19037

Project Number: CIPFC19037

Description

Replacement of aging underground fuel storage tanks located at Field Operations Complex. The fuel sites are essential to fuel public safety vehicles, utility vehicles, etc. The purpose of this project is to replace the tanks before the equipment fails and to maintain compliance with regulatory requirements.

Justification

The tanks at Field Operations Complex are over 25-years old and in need of significant repairs. Compliance of the new federal requirements (40 CFR §280) was 10/13/2018. The tank systems at the fire stations are required to meet federal and state underground storage tank (UST) requirements. The tank system at Field Operations Complex is located in a below-grade vault, so federal UST requirements do not apply to these tanks.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..					\$450,000		\$450,000
Grand Total						\$450,000		\$450,000

DIF UPDATE

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19003

Project Number: CIPPS19003

Description

Development impact fee studies are required to be updated a minimum of every five years. The current fees have been effective since July 1, 2014. DIF legislation allows for fees collected to fund the DIF studies and updates. There is a consultant currently developing the update for 2018. This is the fire facilities portion of the DIF study and updates.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4130-DIF Fire Prot Facilit sb..	\$515				\$0	\$0	\$515
	4250-DIF Citywide REC/FAC ..	\$114				\$0	\$0	\$114
	4270-DIF Libraries sb 1525	\$577				\$0	\$0	\$577
	4300-DIF Parks Dev Zone 1 s..	\$114				\$0	\$0	\$114
	4370-DIF Parks Dev Zone 3 s..	\$228				\$0	\$0	\$228
NONCAPITAL	4130-DIF Fire Prot Facilit sb..	\$0				\$15,654	\$0	\$15,654
	4250-DIF Citywide REC/FAC ..	\$0				\$0	\$3,469	\$3,469
	4270-DIF Libraries sb 1525	\$0				\$0	\$17,563	\$17,563
	4300-DIF Parks Dev Zone 1 s..	\$0				\$0	\$6,938	\$6,938
	4370-DIF Parks Dev Zone 3 s..	\$0				\$0	\$3,469	\$3,469
	4390-DIF Roadway Improve ..	\$0				\$0	\$34,553	\$34,553
Grand Total		\$1,548				\$15,654	\$65,992	\$83,194

CITY PROSECUTOR REMODEL

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19028

Project Number: CIPPS19028

Description

This project is to provide space for the City Prosecutor to replace the existing trailers that are deteriorated and are past their useful life

Justification

The trailers the Prosecutors are currently housed in are in poor condition and are past their useful life. New space must be provided to continue to provide this critical citizen service

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..			\$0	\$2,700,000			\$2,700,000
DESIGN	4040-Public Safety Constru..			\$300,000	\$0			\$300,000
Grand Total				\$300,000	\$2,700,000			\$3,000,000

REPL./REM. FIRE STATION #153

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19029

Project Number: CIPPS19029

Description

This project is to remodel or replace the existing fire station 153 which has reached the end of its useful life

Justification

The station was constructed in 1974 and is beyond its useful life. The station house, drives, and equipment bay must be completely renovated and renewed to extend the life of the building and allow the fire department to continue to provide service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..			\$0	\$4,720,000			\$4,720,000
DESIGN	4040-Public Safety Constru..			\$470,000	\$0			\$470,000
Grand Total				\$470,000	\$4,720,000			\$5,190,000

NEW POLICE EVIDENCE STORAGE

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19030

Project Number: CIPPS19030

Description

This project is to design and construct a 30,000 square feet secure warehouse facility for police evidence and property storage and management. This project will be completed as phase one of the Field Operations Campus master plan. Design work to start in FY 2020 and construction in FY 2021

Justification

Police evidence and property storage and management regulatory requirements are increasingly complex and sophisticated. The police department has outgrown their existing capacity and requires significant additional space to meet the regulatory requirements placed on it

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..			\$0	\$9,500,000			\$9,500,000
DESIGN	4040-Public Safety Constru..			\$100,000	\$0			\$100,000
Grand Total				\$100,000	\$9,500,000			\$9,600,000

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M				\$300,000	\$300,000	\$300,000	\$1,500,000	\$2,400,000
Grand Total				\$300,000	\$300,000	\$300,000	\$1,500,000	\$2,400,000

CITY COURT REMODEL

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19031

Project Number: CIPPS19031

Description

The goal of this project is to extend the function of the Courts building until it can be replaced entirely. A number of needs must be addressed including- replace the existing fire alarm system, repair and re-insulate existing chilled water, condensate drain and hot water piping, replace existing ceilings and flooring, construct an addition for storage, replace existing furniture, fixtures and equipment, and replace the roof.

Justification

The existing City Court building was constructed in approximately 1989 and has reached the end of its useful life. In addition the building no longer meets the functional needs of the Courts. It lacks adequate security, document storage space, circulation and court function space

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..			\$0	\$3,600,000			\$3,600,000
DESIGN	4040-Public Safety Constru..			\$400,000	\$0			\$400,000
Grand Total				\$400,000	\$3,600,000			\$4,000,000

MAIN PUBLIC SAFETY BLDG REMODEL

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19041

Project Number: CIPPS19041

Description

This project is to design and construct a complete renewal of the main public safety building to include HVAC, electrical, plumbing, roofing, interior, and exterior systems. Design work to start in FY 2023 and construction in FY 2024

Justification

The main public safety building has exceeded it’s useful life and requires significant infrastructure and functionality modernization to meet the business needs of the police department. As the master plan is completed the budget numbers will be updated

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..				\$0	\$17,025,136		\$17,025,136
DESIGN	4040-Public Safety Constru..				\$878,490	\$0		\$878,490
Grand Total					\$878,490	\$17,025,136		\$17,903,626

FOOTHILLS POLICE STATION REMODEL

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19042

Project Number: CIPPS19042

Description

This project is to modernize infrastructure and improve functionality and security of the Foothills substation. Land acquisition costs if needed are not included in these estimates. This project will follow the remodeling of Fire Station 155. Design will begin in 2025 and construction will take place in 2026. This project will follow the replacement of Fire Station 155. As the design plan is completed the budget numbers will be updated

Justification

The foothills police substation has exceeded it's useful life and requires significant infrastructure and functionality modernization to meet the business needs of the police department

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..				\$0		\$3,615,748	\$3,615,748
DESIGN	4040-Public Safety Constru..				\$100,000		\$0	\$100,000
Grand Total					\$100,000		\$3,615,748	\$3,715,748

GATEWAY POLICE STATION REMODEL

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19043

Project Number: CIPPS19043

Description

This project is to modernize infrastructure and improve functionality and security of the Gateway substation. Land acquisition costs if needed are not included in these estimates. The site must be expanded to allow for more police parking. The City owns the property to the east of the site. Design will begin in FY 2023, and construction will start in FY 2024. As the design plan is completed the budget numbers will be updated

Justification

This project is to modernize infrastructure and improve functionality and security of the Gateway substation. Land acquisition costs if needed are not included in these estimates. The site must be expanded to allow for more police parking. The City owns the property to the east of the site. Design will begin in FY 2023, and construction will start in FY 2024. As the design plan is completed the budget numbers will be updated

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..				\$0	\$330,000	\$4,596,328	\$4,926,328
DESIGN	4040-Public Safety Constru..				\$100,000	\$0	\$0	\$100,000
Grand Total					\$100,000	\$330,000	\$4,596,328	\$5,026,328

RENOVATE FIRE STATION #154

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19044

Project Number: CIPPS19044

Description

This project is to modernize infrastructure and improve functionality and security of the Gateway substation. Land acquisition costs if needed are not included in these estimates. The site must be expanded to allow for more police parking. The City owns the property to the east of the site. Design will begin in FY 2023, and construction will start in FY 2024. As the design plan is completed the budget numbers will be updated

Justification

The station was constructed in 1982 and is beyond its useful life. The station house, drives, and equipment bay must be completely renovated and renewed to extend the life of the building and allow the fire department to continue to provide service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..				\$0	\$2,425,000		\$2,425,000
DESIGN	4040-Public Safety Constru..				\$200,000	\$0		\$200,000
Grand Total					\$200,000	\$2,425,000		\$2,625,000

FIRE STATION - WESTERN AREA

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19049

Project Number: CIPPS19049

Description

This project is for the design and construction of a 15,000 square feet, four bay fire station including furniture, fixtures and equipment, 18 personnel, and one engine. The fire station will respond to the area between 83rd and 115th Avenue, between Northern and Camelback Rd. The station will include space for future expansion as growth demands

Justification

Future growth in the area is projected to require an additional station to serve the needs of the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..						\$5,226,000	\$5,226,000
CONTGNCY	4040-Public Safety Constru..						\$1,625,775	\$1,625,775
DESIGN	4040-Public Safety Constru..						\$1,407,000	\$1,407,000
EQUIPMENT	4040-Public Safety Constru..						\$1,601,040	\$1,601,040
INTRNL CHG	4040-Public Safety Constru..						\$92,500	\$92,500
IT INFRAST	4040-Public Safety Constru..						\$156,000	\$156,000
LAND	4040-Public Safety Constru..						\$2,395,000	\$2,395,000
PUBLIC ART	4040-Public Safety Constru..						\$52,260	\$52,260
Grand Total							\$12,555,575	\$12,555,575

REPL./REM. FIRE STATION #155

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19050

Project Number: CIPPS19050

Description

This project is to remodel or replace the existing fire station 155 which has reached the end of its useful life

Justification

The station was constructed in 1988 and has reached the end of its useful life. The station house, drives, and equipment bay must be completely renovated and renewed to extend the life of the building and allow the fire department to continue to provide service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..					\$0	\$4,720,000	\$4,720,000
DESIGN	4040-Public Safety Constru..					\$470,000	\$0	\$470,000
Grand Total						\$470,000	\$4,720,000	\$5,190,000

RENOVATE FIRE STATION #156

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19051

Project Number: CIPPS19051

Description

This project is to remodel or replace the existing fire station 156 which has reached the end of its useful life

Justification

The station was constructed in 1995 and is beyond its useful life. The station house, drives, and equipment bay must be completely renovated and renewed to extend the life of the building and allow the fire department to continue to provide service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..						\$2,425,000	\$2,425,000
DESIGN	4040-Public Safety Constru..						\$200,000	\$200,000
Grand Total							\$2,625,000	\$2,625,000

RENOVATE FIRE STA. #157

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19052

Project Number: CIPPS19052

Description

This project is to remodel or replace the existing fire station 157 which has reached the end of its useful life

Justification

The station was constructed in 1997 and is beyond its useful life. The station house, drives, and equipment bay must be completely renovated and renewed to extend the life of the building and allow the fire department to continue to provide service to the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..						\$2,625,000	\$2,625,000
DESIGN	4040-Public Safety Constru..						\$200,000	\$200,000
Grand Total							\$2,825,000	\$2,825,000

POLICE STATION -WEST AREA

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19053

Project Number: CIPPS19053

Description

This project is for the design and construction of a 4,000 square feet police substation in conjunction with the proposed west area fire station. The facility will include future expansion as growth demands. Estimates include furniture, fixtures and equipment

Justification

Future growth in the area is projected to require an additional station to serve the needs of the community

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..						\$1,858,000	\$1,858,000
DESIGN	4040-Public Safety Constru..						\$148,000	\$148,000
Grand Total							\$2,006,000	\$2,006,000

CITY COURT BUILDING

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19054

Project Number: CIPPS19054

Description

This project is to complete the existing structure that was built to ground level in 2009 and stopped. Originally planned at ~90,000 SF, a master plan will investigate the possibility of reducing the footprint to ~75,000 SF of occupied space either through eliminating two of twelve bays or leaving the third floor unfinished as future shell space

Justification

The existing court building has outlived its useful life and no longer effectively serves the needs of the court personnel and the community. Numerous changes in codes and court security standards have occurred since the original design and construction requiring a review and update of the building plans

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..						\$31,000,000	\$31,000,000
CONTGNCY	4040-Public Safety Constru..						\$3,100,000	\$3,100,000
DESIGN	4040-Public Safety Constru..						\$1,650,000	\$1,650,000
INTRNL CHG	4040-Public Safety Constru..						\$320,000	\$320,000
PUBLIC ART	4040-Public Safety Constru..						\$310,000	\$310,000
Grand Total							\$36,380,000	\$36,380,000

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M							\$4,972,839	\$4,972,839
Grand Total							\$4,972,839	\$4,972,839

800MHz COMM EQUIP

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS19055

Project Number: CIPPS19055

Description

Replacement and/or upgrade of existing radios for Regional Wireless Cooperative to assure the department continues to meet Federal Communications Commission requirements for Public Safety radio transmissions and to replace radios that have met or exceeded their life expectancy and required technology upgrades.

Justification

Requirements of bandwidth by the FCC for public safety use.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	4040-Public Safety Constru..						\$1,380,643	\$1,380,643
Grand Total							\$1,380,643	\$1,380,643

PUBLIC SAFETY BUILDING REMODELS

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS20033

Project Number: CIPPS20033

Description

This project is a placeholder to cover the imminent needs that arise as a result from the public safety building assessments, as well as address the immediate needs of the City Prosecutor’s building and the City Court building.

Justification

Many facilities are at the end of their useful life and require renewal and renovation in order to be usable assets in the future.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4040-Public Safety Constru..	\$0	\$7,532,000					\$7,532,000
STUDY	4040-Public Safety Constru..	\$800,000	\$0					\$800,000
Grand Total		\$800,000	\$7,532,000					\$8,332,000

FIRE LADDER/TENDER TRUCKS

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS70814

Project Number: CIPPS70814

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.

Justification

Estimate inflation factor of 5-7% increase. Prices based on current quotes for re-chassis of ladder tenders and \$1.3 million for replacement of an aerial ladder apparatus. FY 20-22 are prices for ladder tender re-chassis, one per year. FY22-24 are prices to replace the aerial ladder fleet of four aerials (one each in FY22 and FY23, two in FY24).

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	1080-General Government C..	\$350,000	\$0	\$0	\$0	\$0		\$350,000
EQUIPMENT	1080-General Government C..	\$464,000	\$495,000	\$1,600,000	\$1,705,000	\$3,650,000		\$7,914,000
Grand Total		\$814,000	\$495,000	\$1,600,000	\$1,705,000	\$3,650,000		\$8,264,000

REMODEL FIRE STATION #152

Package Number
FY20-29CIP

Project Type
Public Safety

Project Number
CIPPS75039

Project Number: CIPPS75039

Description

Fire Station 152, located at 69th Avenue and Bethany Home Road, was constructed in 1979. The 12,622 square foot facility is functionally obsolete to meet desired service levels and has several life-safety concerns including cracking floors in the restrooms, overcrowded electrical/data and utility rooms, sewer backups, and asbestos in the flooring. Renovation includes removing all walls, fixtures, appliances, electrical and plumbing, with a complete rebuild of all offices, work areas, and living quarters. The apparatus bays will not be affected during the renovations to ensure regular service delivery. Staff would be relocated to temporary quarters on site during the renovations to minimize the impact on operations.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4040-Public Safety Constru..	\$952,753						\$952,753
Grand Total		\$952,753						\$952,753

FY 2020-2029 Capital Improvement Program

Solid Waste Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPSW19026	SOLID WASTE SOFTWARE PROCESS IMP.		\$0	\$400,000	\$100,000	\$0	\$0	\$0	\$500,000
CIPSW19027	REPLACE STREET SWEEPERS		\$265,009	\$0	\$0	\$0	\$291,510	\$597,596	\$1,154,115
CIPSW78001	REPLACE ROLLOFF TRUCKS - COMMERCIAL		\$209,012	\$0	\$227,230	\$0	\$0	\$471,843	\$908,085
CIPSW78002	FRONTLOAD TRUCKS-COMMERCIAL		\$699,839	\$628,128	\$0	\$329,767	\$0	\$2,077,532	\$3,735,266
CIPSW78003	SIDELOAD TRUCKS-RESIDENTIAL		\$1,213,859	\$1,284,000	\$2,315,782	\$1,686,255	\$1,037,046	\$6,023,509	\$13,560,451
CIPSW78004	BULK TRASH EQUIP.-RESIDENTIAL		\$201,550	\$633,432	\$649,662	\$1,331,808	\$793,405	\$2,408,970	\$6,018,827
CIPSW78005	REPLACE PICKUPS / SERVICE TRUCKS		\$84,777	\$86,895	\$0	\$31,917	\$0	\$134,051	\$337,640
CIPSW78009	ALLEY GATING		\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000
Grand Total			\$2,774,046	\$3,132,455	\$3,392,674	\$3,479,747	\$2,121,961	\$11,713,501	\$26,614,384

FY 2020-2029 Capital Improvement Program

**Solid Waste
Summary by Funding Source**

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
6120-Solid Waste		\$2,774,046	\$3,132,455	\$3,392,674	\$3,479,747	\$2,121,961	\$11,713,501	\$26,614,384
Grand Total		\$2,774,046	\$3,132,455	\$3,392,674	\$3,479,747	\$2,121,961	\$11,713,501	\$26,614,384

SOLID WASTE SOFTWARE PROCESS IMP.

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW19026

Project Number: CIPSW19026

Description

For the implementation of a Solid Waste software process system to be City hosted or Vendor hosted. This system will improve routing efficiency, and provide a comprehensive enterprise-level solution for SW operations. Services will include system software, in-vehicle mobile devices, configuration/implementation/conversion services, product training and support. Funding in FY 2021 is for implementation of the system; FY 2022 will be for upgrades.

Justification

This software project will be the driver for increasing operating efficiencies for a revenue generating enterprise.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
MISC CIP	6120-Solid Waste		\$400,000	\$100,000				\$500,000
Grand Total			\$400,000	\$100,000				\$500,000

REPLACE STREET SWEEPERS

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW19027

Project Number: CIPSW19027

Description

Solid Waste currently has 5 street sweepers. 5 street sweepers will require replacement over the next 10 years as their individual life is 7 years. The number of trucks to be replaced each year are the following; FY2020 - 1 truck, FY2024 - 1 truck FY 2025-2029 - 2 trucks. Replacement trucks will be first submitted for MAG grant funding and upon approval the purchase price will be reduced to the 5.7% grant matching funding requirement.

Justification

This project assists in maintaining a high quality of life for residents and visitors to the City of Glendale by clearing city streets of road hazards and debris.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$265,009				\$291,510	\$597,596	\$1,154,115
Grand Total		\$265,009				\$291,510	\$597,596	\$1,154,115

REPLACE ROLLOFF TRUCKS - COMMERCIAL

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78001

Project Number: CIPSW78001

Description

Solid Waste has three commercial roll-off trucks in its equipment fleet for its commercial roll-off container collection service. Three roll-off trucks will require replacement over the next ten years as they will have reached their individual life span of 8 years. The number of trucks to be replaced each year are the following; FY2020 - 1 truck, FY2022 - 1 truck, FY 2026-2029 - 2 trucks.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$209,012		\$227,230			\$471,843	\$908,085
Grand Total		\$209,012		\$227,230			\$471,843	\$908,085

FRONTLOAD TRUCKS-COMMERCIAL

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78002

Project Number: CIPSW78002

Description

7 commercial front load trucks and 1 front load bin delivery truck/trailer in equipment to provide container collection. Current replacement schedule is 6 years and 10 years for front load bin service truck. Replacement cycle is 11 trucks over 10 years. The number of trucks to be replaced each year are the following; FY 2020 - 2 trucks, 1 delivery truck, and 1 bin trailer, FY2021 - 2 trucks, FY 2023 - 1 truck, FY 2025 - 2029 - 6 trucks.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste. The bin delivery truck and trailer are support units that assist in maintaining a safe and efficient operation for a revenue generating enterprise.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$699,839	\$628,128		\$329,767		\$2,077,532	\$3,735,266
Grand Total		\$699,839	\$628,128		\$329,767		\$2,077,532	\$3,735,266

SIDELOAD TRUCKS-RESIDENTIAL

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78003

Project Number: CIPSW78003

Description

Solid Waste has 26 side load trucks for residential SW and Recycling collection service. At the current replacement schedule of 6 years for newly purchased side load trucks, 34 side load trucks will require replacement over the next 10 years. The number of trucks to be replaced each year are the following; FY 2020 - 4 trucks, FY 2021 - 4 trucks, FY2022 - 7 trucks, FY 2023 - 5 trucks, FY 2024 - 3 trucks, FY 2025 - 2029 - 17 trucks.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$1,213,859	\$1,284,000	\$2,315,782	\$1,686,255	\$1,037,046	\$6,023,509	\$13,560,451
Grand Total		\$1,213,859	\$1,284,000	\$2,315,782	\$1,686,255	\$1,037,046	\$6,023,509	\$13,560,451

BULK TRASH EQUIP.-RESIDENTIAL

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78004

Project Number: CIPSW78004

Description

Solid Waste has 15 rear load trucks and 8 tractors for residential bulk trash collection. Over the next 10 years, replacement plan includes 11 rear loaders and 7 tractors. The schedule for bulk trash equipment replacement is: FY 2020 - 2 tractors, FY 2021 - 2 trucks, FY 2022 - 2 trucks, FY 2023 - 4 trucks, FY 2024 - 2 trucks 1 tractor, FY 2025 - 2029 - 6 trucks and 3 tractors. Due to tonnage increases, the replacement schedule has been accelerated.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$201,550	\$633,432	\$649,662	\$1,331,808	\$793,405	\$2,408,970	\$6,018,827
Grand Total		\$201,550	\$633,432	\$649,662	\$1,331,808	\$793,405	\$2,408,970	\$6,018,827

REPLACE PICKUPS / SERVICE TRUCKS

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78005

Project Number: CIPSW78005

Description

SW has 8 pickup trucks and 2 service body trucks for collections, inspections, and field mechanics. At the current replacement schedule, 7 trucks will require replacement. The numbers below have been updated to reflect current market pricing and quotes received this Fiscal Year. The number of trucks to be replaced each year are the following; FY 2020 - 3 trucks, FY 2021 - 3 trucks, FY 2023 - 1 truck, FY 2025-2029 4 trucks.

Justification

These trucks are support units that assist in maintaining the safe and efficient operation for a revenue generating enterprise.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6120-Solid Waste	\$84,777	\$86,895		\$31,917		\$134,051	\$337,640
Grand Total		\$84,777	\$86,895		\$31,917		\$134,051	\$337,640

ALLEY GATING

Package Number
FY20-29CIP

Project Type
Solid Waste

Project Number
CIPSW78009

Project Number: CIPSW78009

Description

This project manages health and safety issues from materials being dumped in alley, illegally dumped material blocking vehicular access, and the difficulty of enforcement due to the nature of alleys and materials dumped. This project includes citizen notification, pre-gated alley cleanup, residential garbage container relocations, blue stake gate location, gate installation, and key issuing. Project evaluation will occur in FY 2023.

Justification

This project promotes and enhances the quality of life for Glendale residents that reside near or adjacent to alley ways by providing and safer and cleaner environment.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONTGNCY	6120-Solid Waste	\$100,000	\$100,000	\$100,000	\$100,000			\$400,000
Grand Total		\$100,000	\$100,000	\$100,000	\$100,000			\$400,000

FY 2020-2029 Capital Improvement Program

Streets Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPST19006	PAVEMENT MANAGEMENT	\$1,000,000	\$5,200,000	\$5,200,000	\$5,200,000	\$5,200,000	\$5,200,000	\$26,000,000	\$53,000,000
CIPST19010	BALLPARK BOULEVARD	\$2,287,860	\$8,454,744	\$0	\$0	\$0	\$0	\$0	\$10,742,604
CIPST19048	CAPITAL BRIDGE REPAIR PROGRAM	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,500,000
CIPST19080	91st Avenue Improv. Turn Lane	\$329,000	\$0	\$0	\$0	\$0	\$0	\$0	\$329,000
CIPST20008	STREET RECONSTRUCTION CAMELBACK ROA	\$0	\$150,000	\$1,329,130	\$1,100,000	\$0	\$0	\$0	\$2,579,130
CIPST20012	FLASHING YELLOW ARROWS	\$0	\$0	\$0	\$471,000	\$0	\$0	\$0	\$471,000
CIPST20013	VEHICLE REPLACEMENT	\$0	\$600,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,250,000	\$3,850,000
CIPST20014	STREET RECONSTRUCTION BETHANY HOME	\$0	\$30,000	\$717,288	\$2,233,712	\$0	\$0	\$0	\$2,981,000
CIPST20016	STREET RECONSTRUCTION GLENDALE AVEN	\$0	\$2,851,063	\$7,905,276	\$3,110,654	\$0	\$0	\$0	\$13,866,993
CIPST20019	STREET RECONSTRUCTION CAMELBACK ROA	\$0	\$0	\$0	\$0	\$0	\$2,580,000	\$0	\$2,580,000
CIPST20020	STREET RECONSTRUCTION BETHANY HOME	\$0	\$194,387	\$306,113	\$2,249,705	\$4,910,295	\$0	\$0	\$7,660,500
CIPST20021	STREET RECONSTRUCTION CAMELBACK ROA	\$0	\$2,000,000	\$602,622	\$0	\$0	\$0	\$0	\$2,602,622
CIPST20022	BIKE PROJECTS (MATCH)	\$0	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$680,000	\$1,330,000

FY 2020-2029 Capital Improvement Program

Streets Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPST65005	ITS UPGRADES	\$300,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$950,000	\$2,200,000
CIPST65016	NORTHERN PARKWAY	\$0	\$670,000	\$670,000	\$670,000	\$670,000	\$670,000	\$1,340,000	\$4,690,000
CIPST65062	GLENDALE SPORTS FACILITIES SGN	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
CIPST65063	NEW RIVER - MULTI-USE PATHWAY	\$716,896	\$0	\$0	\$0	\$0	\$0	\$0	\$716,896
CIPST65101	SIDEWALK AND CURB IMPROVEMENTS	\$151,472	\$160,000	\$0	\$0	\$0	\$0	\$0	\$311,472
CIPST67930	BETHANY HM 83RD -91ST	\$546,703	\$2,291,650	\$0	\$0	\$0	\$0	\$0	\$2,838,353
CIPST68125	STREET RECONSTRUCTION PROGRAM	\$6,810,029	\$0	\$0	\$0	\$0	\$0	\$0	\$6,810,029
CIPST68129	WESTGATE AREA SIGNAGE	\$296,903	\$150,000	\$0	\$0	\$0	\$0	\$0	\$446,903
CIPST68918	INFILL LIGHTING PROGRAM	\$0	\$530,000	\$530,000	\$0	\$0	\$0	\$0	\$1,060,000
CIPST68922	STREETLIGHT POLE PROGRAM	\$0	\$1,360,395	\$1,360,395	\$75,000	\$75,000	\$75,000	\$375,000	\$3,320,790
CIPST68923	EMERGENCY VEHICLE PREEMPTION	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Grand Total		\$12,538,863	\$25,212,239	\$19,690,824	\$16,180,071	\$11,925,295	\$9,595,000	\$31,845,000	\$126,987,292

FY 2020-2029 Capital Improvement Program

Streets
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
4010-Streets Construction	\$7,435,932	\$5,375,450	\$5,225,450	\$0	\$0	\$0	\$0	\$18,036,832
4020-Hurf Streets Construction	\$780,000	\$5,890,395	\$5,340,395	\$3,525,000	\$3,525,000	\$3,525,000	\$16,375,000	\$38,960,790
4030-Transportation Capital Proj	\$3,776,228	\$7,400,000	\$9,124,979	\$12,655,071	\$8,400,295	\$6,070,000	\$15,470,000	\$62,896,573
4330-DIF Parks &Rec Zone 2 west 101	\$0	\$62,000	\$0	\$0	\$0	\$0	\$0	\$62,000
4420-DIF Streets Zone 2 West 101	\$546,703	\$3,763,462	\$0	\$0	\$0	\$0	\$0	\$4,310,165
6060-Water DIF Zone 2 West 101	\$0	\$1,678,195	\$0	\$0	\$0	\$0	\$0	\$1,678,195
6090-Sewer DIF Zone 2 West 101	\$0	\$1,042,737	\$0	\$0	\$0	\$0	\$0	\$1,042,737
Grand Total	\$12,538,863	\$25,212,239	\$19,690,824	\$16,180,071	\$11,925,295	\$9,595,000	\$31,845,000	\$126,987,292

PAVEMENT MANAGEMENT

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST19006

Project Number: CIPST19006

Description

Project provides for street pavement treatments. Specific activities included in this project involve surface preparation, repairs, and overlays as needed.

Justification

This project targets street segments that are in need of pavement treatments. Street rehabilitation is necessary to maximize the life of the city’s residential, collector, and arterial street network. This project promotes or enhances the quality of life for the residents and visitors by providing better streets.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4020-Hurf Streets Construc..	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
	4030-Transportation Capita..	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
CONSTRUCT	4020-Hurf Streets Construc..	\$3,138,000	\$3,138,000	\$3,138,000	\$3,138,000	\$3,138,000	\$15,690,000	\$31,380,000
	4030-Transportation Capita..	\$1,912,046	\$1,912,046	\$1,912,046	\$1,912,046	\$1,912,046	\$9,560,230	\$19,120,460
CONTGNCY	4030-Transportation Capita..	\$51,626	\$51,626	\$51,626	\$51,626	\$51,626	\$258,126	\$516,256
DESIGN	4020-Hurf Streets Construc..	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$300,000
INTRNL CHG	4030-Transportation Capita..	\$17,208	\$17,208	\$17,208	\$17,208	\$17,208	\$86,042	\$172,082
PUBLIC ART	4020-Hurf Streets Construc..	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	\$320,000
	4030-Transportation Capita..	\$19,120	\$19,120	\$19,120	\$19,120	\$19,120	\$95,602	\$191,202
Grand Total		\$6,200,000	\$5,200,000	\$5,200,000	\$5,200,000	\$5,200,000	\$26,000,000	\$53,000,000

BALLPARK BOULEVARD

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST19010

Project Number: CIPST19010

Description

Project to design and construct Ball Park Boulevard. The project will connect the existing Ball Park Boulevard to Maryland Avenue at 99th Avenue. The roadway will be 36- foot wide and accommodate two travel lanes.

Justification

This project was identified as necessary for network connectivity in the region.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4020-Hurf Streets Construc..	\$500,000						\$500,000
	4030-Transportation Capita..	\$1,787,860						\$1,787,860
CONSTRUCT	4020-Hurf Streets Construc..	\$500,000						\$500,000
	4030-Transportation Capita..	\$3,700,000						\$3,700,000
	4330-DIF Parks &Rec Zone 2 ..	\$62,000						\$62,000
	4420-DIF Streets Zone 2 We..	\$1,471,812						\$1,471,812
	6060-Water DIF Zone 2 Wes..	\$1,678,195						\$1,678,195
	6090-Sewer DIF Zone 2 Wes..	\$1,042,737						\$1,042,737
Grand Total		\$10,742,604						\$10,742,604

CAPITAL BRIDGE REPAIR PROGRAM

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST19048

Project Number: CIPST19048

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.

Justification

Under the National Bridge Inspection Program, administered by ADOT, the city is required to maintain its bridges to a satisfactory standard.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,500,000
Grand Total		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,500,000

91st Avenue Improv. Turn Lane

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST19080

Project Number: CIPST19080

Description

Project will construct a right

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4010-Streets Construction	\$329,000						\$329,000
Grand Total		\$329,000						\$329,000

STREET RECONSTRUCTION CAMELBACK ROA

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20008

Project Number: CIPST20008

Description

Project to reconstruct street segment between Camelback Road Loop 101 to 91st Avenue and related improvements.

Justification

This street segment (approximately 0.8 mile) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4010-Streets Construction	\$0	\$1,329,130	\$0				\$1,329,130
	4030-Transportation Capita..	\$0	\$0	\$1,100,000				\$1,100,000
DESIGN	4010-Streets Construction	\$150,000	\$0	\$0				\$150,000
Grand Total		\$150,000	\$1,329,130	\$1,100,000				\$2,579,130

FLASHING YELLOW ARROWS

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20012

Project Number: CIPST20012

Description

The project is to convert left-turn movements at existing signalized intersections to flashing yellow arrow operation with the purpose of reducing left-turn crashes. The project involves median modifications to provide better alignment. Pursuing Federal funds for this project.

Justification

The City's Capital cost of the project (\$3,000,000) is intended to be mitigated by leveraging outside agency funding. According to national data, Flashing Yellow Arrows can reduce left-turn crashes as much as 20% and keeps traffic moving by offering motorists more opportunities to make left turns.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..			\$471,000				\$471,000
Grand Total				\$471,000				\$471,000

VEHICLE REPLACEMENT

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20013

Project Number: CIPST20013

Description

Replacement of existing vehicles, pick-ups and equipment.

Justification

Replacing existing vehicles that are in bad condition will enable more efficiency and reduce maintenance costs. This program includes replacing vehicles, truck and equipment in Street Maintenance, Graffiti Removal, Signs and Markings and other divisions. No additional vehicles are requested.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	4020-Hurf Streets Construc..	\$300,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,300,000
	4030-Transportation Capita..	\$300,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$2,550,000
Grand Total		\$600,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,250,000	\$3,850,000

STREET RECONSTRUCTION BETHANY HOME

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20014

Project Number: CIPST20014

Description

Project to reconstruct street segment between Bethany Home Road from 51st Avenue to 43rd Avenue and related improvement.

Justification

This street segment (approximately 1 mile) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4010-Streets Construction	\$0	\$717,288	\$0				\$717,288
	4030-Transportation Capita..	\$0	\$0	\$2,233,712				\$2,233,712
DESIGN	4010-Streets Construction	\$30,000	\$0	\$0				\$30,000
Grand Total		\$30,000	\$717,288	\$2,233,712				\$2,981,000

STREET RECONSTRUCTION GLENDALE AVEN

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20016

Project Number: CIPST20016

Description

Project to reconstruct street segment between Glendale Avenue from Loop 101 to El Mirage Road and related improvements.

Justification

This street segment (approximately 3.12 miles) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4010-Streets Construction	\$2,851,063	\$2,270,297	\$0				\$5,121,360
	4030-Transportation Capita..	\$0	\$5,634,979	\$3,110,654				\$8,745,633
Grand Total		\$2,851,063	\$7,905,276	\$3,110,654				\$13,866,993

STREET RECONSTRUCTION CAMELBACK ROA

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20019

Project Number: CIPST20019

Description

Project to reconstruct street segment between Camelback Road from 59th Avenue to 51st Avenue and related improvements

Justification

This street segment (approximately 1 mile) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..					\$2,475,000		\$2,475,000
DESIGN	4030-Transportation Capita..					\$25,000		\$25,000
INTRNL CHG	4030-Transportation Capita..					\$55,000		\$55,000
PUBLIC ART	4030-Transportation Capita..					\$25,000		\$25,000
Grand Total						\$2,580,000		\$2,580,000

STREET RECONSTRUCTION BETHANY HOME

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20020

Project Number: CIPST20020

Description

Project to reconstruct street segment between Bethany Road from 79th Avenue to 59th Avenue and related improvements.

Justification

This street segment (approximately 2.5 miles) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..	\$0	\$0	\$2,249,705	\$4,910,295			\$7,160,000
DESIGN	4010-Streets Construction	\$194,387	\$306,113	\$0	\$0			\$500,500
Grand Total		\$194,387	\$306,113	\$2,249,705	\$4,910,295			\$7,660,500

STREET RECONSTRUCTION CAMELBACK ROA

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20021

Project Number: CIPST20021

Description

Project to reconstruct street segment between Camelback Road from 91st Avenue to 83rd Road and related improvements.

Justification

This street segment (approximately 1 mile) has been identified in the Pavement Management Plan to be reconstructed due to poor pavement conditions. This project promotes or enhances the quality of life for the residents and visitors. No foreseen additional operational and maintenance costs are associated for this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4010-Streets Construction	\$2,000,000	\$602,622					\$2,602,622
Grand Total		\$2,000,000	\$602,622					\$2,602,622

BIKE PROJECTS (MATCH)

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST20022

Project Number: CIPST20022

Description

This funding provides matching funds for bicycle and pedestrian related projects.

Justification

This project promotes or enhances the quality of life for the residents and visitors by providing additional bicycle and pedestrian facilities such as multi-use paths, crosswalks, bike lanes, sidewalks among others. Enhancing bicycle and pedestrian facilities improves accessibility, promotes healthy communities and reduces air pollution. The City’s Capital cost of bicycle and pedestrian projects can be mitigated by leveraging outside agency funding.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$680,000	\$1,330,000
Grand Total		\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$680,000	\$1,330,000

ITS UPGRADES

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST65005

Project Number: CIPST65005

Description

Project provides local match funds for three approved Federally Funded Intelligent Transportation Systems (ITS) projects.

Justification

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. The City's Capital cost of the project be will be mitigated by leveraging outside agency funding.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4030-Transportation Capita..	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
CONSTRUCT	4030-Transportation Capita..	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$950,000	\$1,900,000
Grand Total		\$490,000	\$190,000	\$190,000	\$190,000	\$190,000	\$950,000	\$2,200,000

NORTHERN PARKWAY

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST65016

Project Number: CIPST65016

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.

Justification

Consulting services are necessary for studies and other transportation related services.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4030-Transportation Capita..	\$670,000	\$670,000	\$670,000	\$670,000	\$670,000	\$1,340,000	\$4,690,000
Grand Total		\$670,000	\$670,000	\$670,000	\$670,000	\$670,000	\$1,340,000	\$4,690,000

GLENDALE SPORTS FACILITIES SGN

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST65062

Project Number: CIPST65062

Description

This provides local funds for design and construction of one potential federally funded and one locally funded Intelligent Transportation Systems projects. These projects includes design, purchase and installation of Dynamic Message Signs on arterial streets and lane control signs around the Glendale Sports Facilities in addition to the communications connections of the signs to the central traffic control system. Once these projects are complete, the ..

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4030-Transportation Capita..	\$70,000						\$70,000
Grand Total		\$70,000						\$70,000

NEW RIVER - MULTI-USE PATHWAY

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST65063

Project Number: CIPST65063

Description

This project is to construct a multi-use 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 Multi-modal Corridor Master Plan. This project has federal funds towards construction costs.

Justification

This funding is for pending potential settlement agreement costs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4030-Transportation Capita..	\$716,896						\$716,896
Grand Total		\$716,896						\$716,896

SIDEWALK AND CURB IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST65101

Project Number: CIPST65101

Description

The project is to install curb, gutter, and sidewalks, along north and south side of Orangewood Avenue between 67th and Grand avenues.

Justification

This project is in compliance with the Americans with Disabilities Act and enhances the quality of life for the residents and visitors. The City's Capital cost of the project are mitigated by leveraging outside agency funding.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4030-Transportation Capita..	\$151,472						\$151,472
CONSTRUCT	4030-Transportation Capita..	\$151,326						\$151,326
INTRNL CHG	4030-Transportation Capita..	\$7,204						\$7,204
PUBLIC ART	4030-Transportation Capita..	\$1,470						\$1,470
Grand Total		\$311,472						\$311,472

BETHANY HM 83RD -91ST

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST67930

Project Number: CIPST67930

Description

This project is for ROW Acquisition, design and construction of Bethany Home North of Center Line.

Justification

Stone Haven development agreement was approved by City Council to complete this project.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4420-DIF Streets Zone 2 We..	\$546,703						\$546,703
CONSTRUCT	4420-DIF Streets Zone 2 We..	\$1,000,000						\$1,000,000
LAND	4420-DIF Streets Zone 2 We..	\$1,291,650						\$1,291,650
Grand Total		\$2,838,353						\$2,838,353

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M			\$37,000	\$37,000	\$37,000	\$37,000	\$185,000	\$333,000
Grand Total			\$37,000	\$37,000	\$37,000	\$37,000	\$185,000	\$333,000

STREET RECONSTRUCTION PROGRAM

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST68125

Project Number: CIPST68125

Description

Street reconstruction on various arterial and collector streets as identified on the Pavement Management Plan.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4010-Streets Construction	\$6,810,029						\$6,810,029
Grand Total		\$6,810,029						\$6,810,029

WESTGATE AREA SIGNAGE

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST68129

Project Number: CIPST68129

Description

This project will design and install overhead and roadside electronic wayfinding signs at five locations in the Sports and Entertainment District area.

Justification

The installation of electronic wayfinding signs for special events in the Sports and Entertainment District area is in accordance with the AZ Cardinals settlement agreement. This is phase 2 of the signing component of the agreement.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4010-Streets Construction	\$296,903						\$296,903
MISC CIP	4010-Streets Construction	\$150,000						\$150,000
Grand Total		\$446,903						\$446,903

INFILL LIGHTING PROGRAM

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST68918

Project Number: CIPST68918

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.

Justification

This project promotes or enhances the quality of life for the residents and visitors by providing well-lit areas in the city.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	4020-Hurf Streets Construc..	\$530,000	\$530,000					\$1,060,000
Grand Total		\$530,000	\$530,000					\$1,060,000

STREETLIGHT POLE PROGRAM

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST68922

Project Number: CIPST68922

Description

This project is to remove and replace existing streetlight poles that have been identified for replacement in the pole inspection program.

Justification

This project reduces safety concerns if any streetlight pole were to fall. When a street light pole falls or is knocked down, the costs for removal and the damage it may cause are more expensive. This program is to mitigate safety hazards and provide better service.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
NONCAPITAL	4020-Hurf Streets Construc..	\$1,360,395	\$1,360,395	\$75,000	\$75,000	\$75,000	\$375,000	\$3,320,790
Grand Total		\$1,360,395	\$1,360,395	\$75,000	\$75,000	\$75,000	\$375,000	\$3,320,790

TRANSP. PROG. ENGR. CONSULTANT

Package Number
FY20-29CIP

Project Type
Transit

Project Number
CIPTR65022

Project Number: CIPTR65022

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.

Justification

Consulting services are necessary for studies and other transportation related services.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
STUDY	4030-Transportation Capita..	\$265,000	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$2,390,000
Grand Total		\$265,000	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$2,390,000

GLENDALE TRANSPORTATION PLAN

Package Number
FY20-29CIP

Project Type
Transit

Project Number
CIPTR65069

Project Number: CIPTR65069

Description

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

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4030-Transportation Capita..	\$256,011						\$256,011
Grand Total		\$256,011						\$256,011

FY 2020-2029 Capital Improvement Program

Wastewater Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPWW190..	GLENDALE AVE 93rd-99th AVE	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000
CIPWW190..	ARROWHEAD SEWER LINES - PHASE 2	\$0	\$0	\$0	\$0	\$380,000	\$500,000	\$3,300,000	\$4,180,000
CIPWW190..	ARROWHEAD SEWER LINES - PHASE 3	\$0	\$0	\$0	\$0	\$0	\$350,000	\$3,800,000	\$4,150,000
CIPWW200..	99TH AVENUE INTERCEPTOR	\$0	\$72,000	\$737,000	\$72,000	\$604,000	\$2,175,950	\$2,050,000	\$5,710,950
CIPWW200..	WASTEWATER SERVICES FOR LUKE AFB	\$0	\$600,000	\$3,620,000	\$980,000	\$0	\$0	\$0	\$5,200,000
CIPWW600..	ARRWHD WTR RECLAM FAC IMPS	\$1,981,512	\$4,619,762	\$0	\$200,000	\$0	\$2,000,000	\$10,000,000	\$18,801,274
CIPWW600..	WEST AREA WRF IMPROVEMENTS	\$264,617	\$8,336,000	\$4,914,000	\$8,800,000	\$816,000	\$3,100,000	\$6,000,000	\$32,230,617
CIPWW630..	99TH AVE INTERCEPTOR LINE	\$252,329	\$0	\$0	\$0	\$0	\$0	\$0	\$252,329
CIPWW630..	ARROWHEAD SEWER LINES	\$500,000	\$300,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$0	\$3,800,000
CIPWW630..	91ST AVE. CONSTRUCTION	\$538,787	\$2,300,000	\$2,100,000	\$2,800,000	\$2,600,000	\$2,500,000	\$10,000,000	\$22,838,787
CIPWW630..	SEWER LINE REPLACEMENT	\$1,516,245	\$3,500,000	\$2,800,000	\$900,000	\$4,650,000	\$3,500,000	\$2,000,000	\$18,866,245
CIPWW630..	SEWER LINE EXTENSION	\$506,674	\$0	\$0	\$0	\$0	\$0	\$0	\$506,674
CIPWW630..	CITYWIDE MANHOLE REHAB	\$372,112	\$500,000	\$500,000	\$500,000	\$250,000	\$250,000	\$2,500,000	\$4,872,112

FY 2020-2029 Capital Improvement Program

**Wastewater
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPWW630..	LIFT STATION RECOND. PROGRAM	\$849,225	\$900,000	\$2,300,000	\$1,500,000	\$0	\$0	\$0	\$5,549,225
CIPWW630..	WASTEWATER CAPITAL EQUIPMENT	\$178,856	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$1,678,856
CIPWW630..	WASTEWATER COLLECT-IMPRV	\$250,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$1,250,000
Grand Total		\$7,210,357	\$22,127,762	\$18,971,000	\$17,252,000	\$10,300,000	\$14,375,950	\$43,150,000	\$133,387,069

FY 2020-2029 Capital Improvement Program

Wastewater
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
6030-Sewer	\$7,210,357	\$22,127,762	\$18,971,000	\$17,252,000	\$10,300,000	\$14,375,950	\$43,150,000	\$133,387,069
Grand Total	\$7,210,357	\$22,127,762	\$18,971,000	\$17,252,000	\$10,300,000	\$14,375,950	\$43,150,000	\$133,387,069

GLENDALE AVE 93rd-99th AVE

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW19086

Project Number: CIPWW19086

Description

Design and construction of parallel sewer on Glendale Avenue from 93rd to 99th Avenue.

Justification

This project will provide additional sewer line capacity in the area along Glendale Avenue from 93rd to 99th Avenue.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6030-Sewer						\$2,900,000	\$2,900,000
DESIGN	6030-Sewer						\$500,000	\$500,000
INTRNL CHG	6030-Sewer						\$71,000	\$71,000
PUBLIC ART	6030-Sewer						\$29,000	\$29,000
Grand Total							\$3,500,000	\$3,500,000

ARROWHEAD SEWER LINES - PHASE 2

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW19087

Project Number: CIPWW19087

Description

Replacement or rehabilitation of sewer lines in the Arrowhead Ranch area to improve sewer flow condition and reduce odor - phase 2 in Union Hills from 67th Ave to 79th Ave.

Justification

The sewer line and manhole systems are over 32 years old and the segments need rehabilitation condition assessments. In addition, this is the only sewer main that conveys sewage to the ARWRF for treatment.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6030-Sewer				\$0	\$350,000	\$3,000,000	\$3,350,000
DESIGN	6030-Sewer				\$380,000	\$100,000	\$200,000	\$680,000
INTRNL CHG	6030-Sewer				\$0	\$46,500	\$70,000	\$116,500
PUBLIC ART	6030-Sewer				\$0	\$3,500	\$30,000	\$33,500
Grand Total					\$380,000	\$500,000	\$3,300,000	\$4,180,000

ARROWHEAD SEWER LINES - PHASE 3

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW19088

Project Number: CIPWW19088

Description

Replacement or rehabilitation of sewer lines in the Arrowhead Ranch area to improve sewer flow condition and reduce odor - phase 3 in 67th Ave from Union Hills to Utopia.

Justification

The sewer line and manhole systems are over 32 years old and the segments need rehabilitation condition assessments. In addition, this is the only sewer main that conveys sewage to the ARWRF for treatment.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6030-Sewer					\$0	\$3,300,000	\$3,300,000
DESIGN	6030-Sewer					\$350,000	\$300,000	\$650,000
INTRNL CHG	6030-Sewer					\$0	\$167,000	\$167,000
PUBLIC ART	6030-Sewer					\$0	\$33,000	\$33,000
Grand Total						\$350,000	\$3,800,000	\$4,150,000

99TH AVENUE INTERCEPTOR

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW20011

Project Number: CIPWW20011

Description

99th Ave interceptor rehabilitation of manholes and interior lining.

Justification

The 99th interceptor conveys sewerage from the Cities of Glendale, Sun City, Peoria, and Phoenix to the 91st Avenue WWTP for treatment. The interceptor system is over 35 years old and is rehabilitated in phases based on condition assessments. Cities share in costs based on ownership.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
EQUIPMENT	6030-Sewer	\$72,000	\$737,000	\$72,000	\$604,000	\$2,175,950	\$2,050,000	\$5,710,950
Grand Total		\$72,000	\$737,000	\$72,000	\$604,000	\$2,175,950	\$2,050,000	\$5,710,950

WASTEWATER SERVICES FOR LUKE AFB

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW20030

Project Number: CIPWW20030

Description

Design and construct a wastewater collection line and lift station from the Luke Air Force Base to the West Area Water Reclamation Facility. It is anticipated that one million gallons per day will conveyed and treated. Project infrastructure and treatment costs will be paid back as determined in a 10-year service agreement. Project completion is scheduled for October 2021 to coincide with reconstruction of Glendale Avenue.

Justification

The city of Glendale annexed the area around the Luke Air Force Base (LAFB) in 1995. Since before that time LAFB has operated its own wastewater treatment facility. As the facility is at the end of its operating life, the agency has determined the preferred alternative for wastewater treatment is to contract with an off-base provider. Even though the city’s annexation policy is for privately-owned treatment works provide the service west of 115th Avenue, the agency is concerned about loss of certain exemptions. Therefore, the city will construct the infrastructure from LAFB to the West Area Reclamation Facility to provide the wastewater treatment services.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6030-Sewer	\$0	\$3,500,000	\$930,000				\$4,430,000
DESIGN	6030-Sewer	\$600,000	\$0	\$0				\$600,000
INTRNL CHG	6030-Sewer	\$0	\$85,000	\$40,000				\$125,000
PUBLIC ART	6030-Sewer	\$0	\$35,000	\$10,000				\$45,000
Grand Total		\$600,000	\$3,620,000	\$980,000				\$5,200,000

EMERGENCY VEHICLE PREEMPTION

Package Number
FY20-29CIP

Project Type
Streets

Project Number
CIPST68923

Project Number: CIPST68923

Description

Fifty-eight (58) high priority Emergency Vehicle Preemption (EVP) installation at intersections located citywide. Forty-eight (48) to be located at arterial to arterial intersections, five (5) to be located at fire station access signals, and five (5) to be located along high priority corridors.

Justification

Placing EVP citywide will allow for a faster response to the community during emergencies. This project is for placement of High Priority Emergency Vehicle Preemption (EVP) at intersections Citywide. EVP is done by adjusting traffic signals. This starts with communications between a receiving device on a traffic signal and an emitter on an approaching emergency vehicle. The goal is to ensure the emergency vehicle’s safe passage through the intersection.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	4020-Hurf Streets Construc..	\$30,000						\$30,000
Grand Total		\$30,000						\$30,000

FY 2020-2029 Capital Improvement Program

**Technology
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPIT72000	CITY-WIDE ERP SOLUTION	\$579,705							\$579,705
Grand Total		\$579,705							\$579,705

FY 2020-2029 Capital Improvement Program

Technology
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
7070-Citywide ERP Solution	\$579,705							\$579,705
Grand Total	\$579,705							\$579,705

CITY-WIDE ERP SOLUTION

Package Number
FY20-29CIP

Project Type
Technology

Project Number
All

Project Number: CIPIT72000

Description

The current Peoplesoft system has reached it’s end of life. Replacement of the City’s ERP system to TylerMunis also includes modules for financials, procurement, budget, and HR. This year will be the last year of implementation. This system will replace all PS applications.

Justification

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	7070-Citywide ERP Solution	\$579,705						\$579,705
Grand Total		\$579,705						\$579,705

FY 2020-2029 Capital Improvement Program

**Transit
Summary by Project**

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPTR20006	BUS STOP ENHANCEMENTS (MATCH)	\$0	\$137,500	\$0	\$0	\$0	\$0	\$0	\$137,500
CIPTR20007	BUS STOP ACCESS ENHANCEMENTS (MAG)	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
CIPTR65022	TRANSP. PROG. ENGR. CONSULTANT	\$0	\$265,000	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$2,390,000
CIPTR65069	GLENDALE TRANSPORTATION PLAN	\$256,011	\$0	\$0	\$0	\$0	\$0	\$0	\$256,011
Grand Total		\$256,011	\$652,500	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$3,033,511

FY 2020-2029 Capital Improvement Program

Transit
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
2060-Transportation Grants	\$0	\$325,000	\$0	\$0	\$0	\$0	\$0	\$325,000
4030-Transportation Capital Proj	\$256,011	\$327,500	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$2,708,511
Grand Total	\$256,011	\$652,500	\$265,000	\$270,000	\$270,000	\$275,000	\$1,045,000	\$3,033,511

BUS STOP ENHANCEMENTS (MATCH)

Package Number
FY20-29CIP

Project Type
Transit

Project Number
CIPTR20006

Project Number: CIPTR20006

Description

This project will include pouring pads for boarding de-boarding at various bus stops, connecting detached sidewalks to pads, and extending sidewalks to from a crosswalk to the stop, allowing mobility devices access to the pad.

Justification

Funding to match FTA funds. These funds will be used to enhance identified stops to make them accessible, thereby bringing them into compliance with American with Disabilities Act legislation.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	2060-Transportation Grants	\$125,000						\$125,000
	4030-Transportation Capita..	\$12,500						\$12,500
Grand Total		\$137,500						\$137,500

BUS STOP ACCESS ENHANCEMENTS (MAG)

Package Number
FY20-29CIP

Project Type
Transit

Project Number
CIPTR20007

Project Number: CIPTR20007

Description

Improvements to existing bus stops at various locations throughout the city to improve accessibility, including ADA ramps, bus stop pads (for wheelchair).

Justification

Funding to match Achieving Transit Accessibility Now (ATAN) funds. These funds will be used to enhance identified stops to make them accessible, thereby bringing them into compliance with ADA legislation. This project promotes or enhances the quality of life for the residents and visitors. The City's Capital cost of the project are intended to be mitigated by leveraging outside agency funding

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
MISC CIP	2060-Transportation Grants	\$200,000						\$200,000
	4030-Transportation Capita..	\$50,000						\$50,000
Grand Total		\$250,000						\$250,000

ARRWHD WTR RECLAM FAC IMPS

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW60007

Project Number: CIPWW60007

Description

Design and construct replacement filters, headworks, odor control system, clarifier, fiber optic, other civil, mechanical, electrical, and PLC improvements.

Justification

Rehabilitate, improve process, replace equipment at end of service life. Provide funding for future rehabilitation needs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$1,981,512		\$0		\$0	\$0	\$1,981,512
CONSTRUCT	6030-Sewer	\$3,696,715		\$0		\$0	\$10,000,000	\$13,696,715
DESIGN	6030-Sewer	\$886,080		\$0		\$0	\$0	\$886,080
EQUIPMENT	6030-Sewer	\$0		\$200,000		\$0	\$0	\$200,000
PUBLIC ART	6030-Sewer	\$36,967		\$0		\$0	\$0	\$36,967
STUDY	6030-Sewer	\$0		\$0		\$2,000,000	\$0	\$2,000,000
Grand Total		\$6,601,274		\$200,000		\$2,000,000	\$10,000,000	\$18,801,274

WEST AREA WRF IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW60016

Project Number: CIPWW60016

Description

Study, design and construct improvements to process areas, fine screens, ultraviolet (UV) system, and the raw sewage pump station (RSPS).

Justification

West Area was built in 2000 and processes 2.7 billion gallons of wastewater annually. If this facility is unable to operate, the flows will go to the 91st Avenue Wastewater Treatment plant and Glendale would be responsible for additional treatment costs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$264,617	\$0	\$0	\$0	\$0	\$0	\$264,617
CONSTRUCT	6030-Sewer	\$7,066,000	\$3,500,000	\$8,000,000	\$0	\$2,500,000	\$5,000,000	\$26,066,000
DESIGN	6030-Sewer	\$570,000	\$1,030,000	\$520,000	\$600,000	\$200,000	\$1,000,000	\$3,920,000
INTRNL CHG	6030-Sewer	\$465,000	\$352,000	\$200,000	\$216,000	\$375,000	\$0	\$1,608,000
PUBLIC ART	6030-Sewer	\$35,000	\$32,000	\$80,000	\$0	\$25,000	\$0	\$172,000
STUDY	6030-Sewer	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Grand Total		\$8,600,617	\$4,914,000	\$8,800,000	\$816,000	\$3,100,000	\$6,000,000	\$32,230,617

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M				\$240,000	\$328,000	\$328,000	\$1,640,000	\$2,536,000
Grand Total				\$240,000	\$328,000	\$328,000	\$1,640,000	\$2,536,000

99TH AVE INTERCEPTOR LINE

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63003

Project Number: CIPWW63003

Description

99th Ave interceptor rehabilitation of manholes and interior lining.

Justification

The 99th interceptor conveys sewerage from the Cities of Glendale, Sun City, Peoria, and Phoenix to the 91st Avenue WWTP for treatment. The interceptor system is over 35 years old and is rehabilitated in phases based on condition assessments. Cities share in costs based on ownership.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$252,329						\$252,329
Grand Total		\$252,329						\$252,329

ARROWHEAD SEWER LINES

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63006

Project Number: CIPWW63006

Description

Replacement or rehabilitation of sewer lines in the Arrowhead Ranch area to improve sewer flow condition and reduce odor - phase 1 from 79th Ave under loop 101 to ARWRF.

Justification

The sewer line and manhole systems are over 32 years old and the segments need rehabilitation condition assessments. In addition, this is the only sewer main that conveys sewage to the ARWRF for treatment. Reduce risk of sewer line collapse and sewerage overflows.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$500,000	\$0	\$0	\$0			\$500,000
CONSTRUCT	6030-Sewer	\$0	\$400,000	\$900,000	\$900,000			\$2,200,000
DESIGN	6030-Sewer	\$0	\$500,000	\$0	\$0			\$500,000
INTRNL CHG	6030-Sewer	\$0	\$60,000	\$91,000	\$91,000			\$242,000
PUBLIC ART	6030-Sewer	\$0	\$40,000	\$9,000	\$9,000			\$58,000
STUDY	6030-Sewer	\$300,000	\$0	\$0	\$0			\$300,000
Grand Total		\$800,000	\$1,000,000	\$1,000,000	\$1,000,000			\$3,800,000

91ST AVE. CONSTRUCTION

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63010

Project Number: CIPWW63010

Description

Improvements at the 91st Ave WWTP of which Glendale is part owner. Includes GL03 metering station rehabilitation with EPCOR sharing in the cost of this project.

Justification

Glendale is one of five partner-cities that own the 91st Avenue Wastewater Treatment Plant. Rehabilitation and improvements are on-going. Contribution is based on ownership equity and is mandatory.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$538,787	\$0	\$0	\$0	\$0	\$0	\$538,787
EQUIPMENT	6030-Sewer	\$2,300,000	\$2,100,000	\$2,800,000	\$2,600,000	\$2,500,000	\$10,000,000	\$22,300,000
Grand Total		\$2,838,787	\$2,100,000	\$2,800,000	\$2,600,000	\$2,500,000	\$10,000,000	\$22,838,787

SEWER LINE REPLACEMENT

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63016

Project Number: CIPWW63016

Description

Sewer line rehabilitation or replacement. Design and construction performed in phases based on condition assessments.

Justification

Segments identified to be in poor condition will be repaired or replaced. It is important that sewage from residential and business within the City be reliably and safely conveyed through the sewer systems. Reduce risk of sewer line collapse and sewerage overflows. Includes construction of ARWRF waste activated sludge (WAS) line by-pass.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$1,516,245	\$0	\$0	\$0	\$0	\$0	\$1,516,245
CONSTRUCT	6030-Sewer	\$2,700,000	\$1,900,000	\$800,000	\$3,500,000	\$3,000,000	\$2,000,000	\$13,900,000
DESIGN	6030-Sewer	\$500,000	\$500,000	\$0	\$500,000	\$400,000	\$0	\$1,900,000
INTRNL CHG	6030-Sewer	\$273,000	\$181,000	\$92,000	\$315,000	\$70,000	\$0	\$931,000
PUBLIC ART	6030-Sewer	\$27,000	\$19,000	\$8,000	\$35,000	\$30,000	\$0	\$119,000
STUDY	6030-Sewer	\$0	\$200,000	\$0	\$300,000	\$0	\$0	\$500,000
Grand Total		\$5,016,245	\$2,800,000	\$900,000	\$4,650,000	\$3,500,000	\$2,000,000	\$18,866,245

SEWER LINE EXTENSION

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63017

Project Number: CIPWW63017

Description

Sewer line extension from 95th Avenue to the west. Includes oversizing of sewer line and lift station.

Justification

Funding needed to install infrastructure for new development within the Vision 4 area.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$506,674						\$506,674
Grand Total		\$506,674						\$506,674

CITYWIDE MANHOLE REHAB

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63024

Project Number: CIPWW63024

Description

Manhole rehabilitation throughout the city. Construction performed in phases.

Justification

Manholes are in a very corrosive environment. It is important that sewage from residential homes and businesses can be reliably conveyed in sewer lines that have structural integrity. Rehabilitation reduces the risk of sewer line collapse and sewerage overflows, thus, creating an environmental hazard.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$372,112	\$0	\$0	\$0	\$0	\$0	\$372,112
CONSTRUCT	6030-Sewer	\$450,000	\$450,000	\$450,000	\$180,000	\$220,000	\$2,200,000	\$3,950,000
DESIGN	6030-Sewer	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
INTRNL CHG	6030-Sewer	\$45,500	\$45,500	\$45,500	\$18,200	\$27,800	\$78,000	\$260,500
PUBLIC ART	6030-Sewer	\$4,500	\$4,500	\$4,500	\$1,800	\$2,200	\$22,000	\$39,500
STUDY	6030-Sewer	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Grand Total		\$872,112	\$500,000	\$500,000	\$250,000	\$250,000	\$2,500,000	\$4,872,112

LIFT STATION RECOND. PROGRAM

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63030

Project Number: CIPWW63030

Description

Assess condition and rehabilitate lift stations and related force mains city wide.

Justification

Sewer Lift Stations are continuously in operation and in a very corrosive environment. Condition assessment is performed to determine what improvements are needed. It is important to ensure the lift stations are in good operational conditions and meet safety requirements. Potential equipment failure would cause sewerage overflows, thus, creating an environmental hazard.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$849,225	\$0	\$0				\$849,225
CONSTRUCT	6030-Sewer	\$500,000	\$1,600,000	\$1,400,000				\$3,500,000
DESIGN	6030-Sewer	\$200,000	\$200,000	\$0				\$400,000
EQUIPMENT	6030-Sewer	\$100,000	\$300,000	\$0				\$400,000
INTRNL CHG	6030-Sewer	\$0	\$184,000	\$86,000				\$270,000
IT INFRAST	6030-Sewer	\$94,000	\$0	\$0				\$94,000
PUBLIC ART	6030-Sewer	\$6,000	\$16,000	\$14,000				\$36,000
Grand Total		\$1,749,225	\$2,300,000	\$1,500,000				\$5,549,225

WASTEWATER CAPITAL EQUIPMENT

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63031

Project Number: CIPWW63031

Description

Replacement of capital equipment at wastewater facilities. Includes PLC and VFD.

Justification

As equipment at the wastewater collection system reach the end of service-life, it is replaced. It is critical to ensure City's collection system is in good operational condition to meet water demands and regulatory requirements. It critical to make these replacements in a timely manner before failures occurs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$178,856	\$0	\$0				\$178,856
EQUIPMENT	6030-Sewer	\$500,000	\$500,000	\$500,000				\$1,500,000
Grand Total		\$678,856	\$500,000	\$500,000				\$1,678,856

WASTEWATER COLLECT-IMPRV

Package Number
FY20-29CIP

Project Type
Wastewater

Project Number
CIPWW63032

Project Number: CIPWW63032

Description

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

Justification

As equipment at the wastewater collection system reach the end of service-life, it is replaced. It is critical to ensure City's collection system is in good operational condition to meet water demands and regulatory requirements. It critical to make these replacements in a timely manner before failures occurs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6030-Sewer	\$250,000	\$0					\$250,000
EQUIPMENT	6030-Sewer	\$500,000	\$500,000					\$1,000,000
Grand Total		\$750,000	\$500,000					\$1,250,000

FY 2020-2029 Capital Improvement Program

Water Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPWA19018	WHITE MTN APACHE WATER RIGHTS	\$0	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000	\$7,000,000
CIPWA19020	SCADA STUDY & REPLACEMENT	\$0	\$0	\$0	\$400,000	\$450,000	\$750,000	\$0	\$1,600,000
CIPWA19021	STORAGE AND RECOVERY WELL	\$0	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$1,500,000	\$2,900,000
CIPWA19022	WATER SUPPLY REDUNDANCY	\$0	\$800,000	\$1,500,000	\$2,000,000	\$5,000,000	\$3,000,000	\$10,000,000	\$22,300,000
CIPWA19085	LOOP 101 WATER TREATMENT PLANT	\$0	\$0	\$0	\$0	\$0	\$0	\$43,023,225	\$43,023,225
CIPWA60015	ASSET MANGEMENT PROGRAM	\$1,153,095	\$1,500,000	\$1,000,000	\$0	\$0	\$0	\$0	\$3,653,095
CIPWA60017	INTEGRATED WATER MASTER PLAN	\$1,381,078	\$750,000	\$1,250,000	\$0	\$0	\$0	\$0	\$3,381,078
CIPWA60018	LABORATORY EQUIPMENT	\$225,000	\$350,000	\$150,000	\$250,000	\$0	\$0	\$0	\$975,000
CIPWA60019	VEHICLE REPLACEMENT	\$1,150,000	\$600,000	\$750,000	\$600,000	\$1,000,000	\$600,000	\$4,000,000	\$8,700,000
CIPWA61001	LARGE WATER VALVES	\$620,365	\$529,142	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000	\$6,999,507
CIPWA61013	WATER LINE REPLACEMENT	\$1,542,065	\$2,500,000	\$1,500,000	\$1,500,000	\$0	\$0	\$7,500,000	\$14,542,065
CIPWA61023	WATER SYSTEM SECURITY	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$350,000	\$1,250,000
CIPWA61024	CHOLLA WATER PLANT PROCESS IMP	\$8,225,860	\$5,582,610	\$300,000	\$3,400,000	\$2,300,000	\$2,000,000	\$20,600,000	\$42,408,470

FY 2020-2029 Capital Improvement Program

Water Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIPWA61027	WATER LINE EXTENSION	\$870,832	\$0	\$0	\$0	\$0	\$0	\$0	\$870,832
CIPWA61043	PYRAMID PEAK WTP PROCESS IMP.	\$2,318,196	\$10,103,591	\$7,066,834	\$2,957,317	\$0	\$2,500,000	\$18,100,000	\$43,045,938
CIPWA61045	THUNDERBIRD RESERVOIR MISC. IM	\$0	\$200,000	\$500,000	\$0	\$1,500,000	\$0	\$1,250,000	\$3,450,000
CIPWA61047	CITYWIDE METER VAULT IMP	\$739,049	\$650,000	\$650,000	\$0	\$0	\$0	\$1,000,000	\$3,039,049
CIPWA61048	GROUNDWATER WELL REHABILITATION	\$485,829	\$1,000,000	\$2,000,000	\$0	\$200,000	\$200,000	\$4,200,000	\$8,085,829
CIPWA61049	ZONE 2&3 DISTRIBUTION IMPROVEMENTS	\$232,652	\$500,000	\$1,000,000	\$0	\$0	\$0	\$0	\$1,732,652
CIPWA61051	ACCRUAL OF LT WTR STORAGE CREDITS	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$2,000,000
CIPWA61052	RECHARGE STORAGE ASSESSMENT	\$216,000	\$0	\$0	\$0	\$0	\$300,000	\$1,200,000	\$1,716,000
CIPWA61054	DISTRIB SYS IMPRV - CITYWIDE	\$853,569	\$500,000	\$500,000	\$0	\$0	\$0	\$1,500,000	\$3,353,569
CIPWA61055	OASIS WTP IMPROVEMENTS	\$655,197	\$2,000,000	\$2,250,000	\$0	\$500,000	\$2,000,000	\$11,000,000	\$18,405,197
CIPWA61058	PYRAMID PEAK WTP 15MGD EXP.	\$1,332,726	\$34,709,587	\$13,155,271	\$3,533,846	\$0	\$0	\$0	\$52,731,430
CIPWA61061	WATER CAPITAL EQUIPMENT	\$397,893	\$1,000,000	\$1,000,000	\$500,000	\$500,000	\$0	\$0	\$3,397,893
CIPWA61062	67TH AVE WATER LINE IMPROV	\$400,000	\$0	\$300,000	\$0	\$0	\$0	\$0	\$700,000

FY 2020-2029 Capital Improvement Program

Water
Summary by Project

Project Number	Project Title	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
Grand Total		\$23,449,406	\$63,924,930	\$36,522,105	\$16,791,163	\$12,600,000	\$16,000,000	\$131,973,225	\$301,260,829

FY 2020-2029 Capital Improvement Program

Water
Summary by Funding Source

Funding Source	CARRYOVER	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
6020-Water	\$23,449,406	\$63,924,930	\$36,522,105	\$16,791,163	\$12,600,000	\$16,000,000	\$131,973,225	\$301,260,829
Grand Total	\$23,449,406	\$63,924,930	\$36,522,105	\$16,791,163	\$12,600,000	\$16,000,000	\$131,973,225	\$301,260,829

WHITE MTN APACHE WATER RIGHTS

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA19018

Project Number: CIPWA19018

Description

100-year lease of water rights pursuant to the White Mountain Apache Tribe settlement for 2,363 acre feet annually. Funding to follow in future years.

Justification

Council approved the settlement on February 24, 2009 and approve the amended and restated WMAT Water Quantification Agreement on February 12, 2013.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
MISC CIP	6020-Water					\$3,500,000	\$3,500,000	\$7,000,000
Grand Total						\$3,500,000	\$3,500,000	\$7,000,000

SCADA STUDY & REPLACEMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA19020

Project Number: CIPWA19020

Description

Study alternative information and communication systems to develop a plan to improve and upgrade equipment of the Supervisory Control and Data Acquisition (SCADA) system to new technologies. The system gathers process data for monitoring and controlling the treatment processes.

Justification

System component are at end of service life. Start research on replacement. Develop and implement recommendations.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
DESIGN	6020-Water			\$200,000	\$0	\$0		\$200,000
STUDY	6020-Water			\$200,000	\$450,000	\$750,000		\$1,400,000
Grand Total				\$400,000	\$450,000	\$750,000		\$1,600,000

STORAGE AND RECOVERY WELL

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA19021

Project Number: CIPWA19021

Description

Rehabilitate groundwater recharge and recovery wells for the purpose of recharging effluent from the Arrowhead Water Reclamation Facility. Rehabilitate one well every year.

Justification

Recovery wells require rehabilitation every ten years to efficiently recharge effluent.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6020-Water		\$300,000	\$300,000	\$300,000	\$200,000	\$1,250,000	\$2,350,000
DESIGN	6020-Water		\$0	\$0	\$0	\$100,000	\$0	\$100,000
INTRNL CHG	6020-Water		\$47,000	\$47,000	\$47,000	\$47,000	\$235,000	\$423,000
PUBLIC ART	6020-Water		\$3,000	\$3,000	\$3,000	\$3,000	\$15,000	\$27,000
Grand Total			\$350,000	\$350,000	\$350,000	\$350,000	\$1,500,000	\$2,900,000

WATER SUPPLY REDUNDANCY

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA19022

Project Number: CIPWA19022

Description

Study, design and construct new groundwater supply wells and other sources to create supply redundancy city wide. First source is inter-connects with adjacent cities.

Justification

Provide water supply from multiple sources at times of restricted supply, such as, drought management, plant shut-down, or transmission outage.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6020-Water	\$0	\$0	\$1,500,000	\$4,300,000	\$2,700,000	\$9,000,000	\$17,500,000
DESIGN	6020-Water	\$0	\$0	\$500,000	\$457,000	\$173,000	\$710,000	\$1,840,000
EQUIPMENT	6020-Water	\$800,000	\$1,500,000	\$0	\$0	\$0	\$0	\$2,300,000
INTRNL CHG	6020-Water	\$0	\$0	\$0	\$200,000	\$100,000	\$200,000	\$500,000
PUBLIC ART	6020-Water	\$0	\$0	\$0	\$43,000	\$27,000	\$90,000	\$160,000
Grand Total		\$800,000	\$1,500,000	\$2,000,000	\$5,000,000	\$3,000,000	\$10,000,000	\$22,300,000

LOOP 101 WATER TREATMENT PLANT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA19085

Project Number: CIPWA19085

Description

Future groundwater treatment plant. Revise need after Water Master Plan is updated.

Justification

The need for this water treatment plant will be evaluated after completion of the Integrated Master Plan review.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6020-Water						\$35,000,000	\$35,000,000
CONTGNCY	6020-Water						\$4,025,000	\$4,025,000
DESIGN	6020-Water						\$3,500,000	\$3,500,000
INTRNL CHG	6020-Water						\$148,225	\$148,225
PUBLIC ART	6020-Water						\$350,000	\$350,000
Grand Total							\$43,023,225	\$43,023,225

ASSET MANGEMENT PROGRAM

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA60015

Project Number: CIPWA60015

Description

Evaluate and replace asset management system software application for additional functionalities and efficiencies.

Justification

Software is out of date. New technologies will provide efficiencies and additional functions determine maintenance and/of replacement of asset.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$1,153,095	\$0					\$1,153,095
EQUIPMENT	6020-Water	\$1,500,000	\$1,000,000					\$2,500,000
Grand Total		\$2,653,095	\$1,000,000					\$3,653,095

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M			\$10,000	\$10,000	\$10,000	\$50,000		\$80,000
Grand Total			\$10,000	\$10,000	\$10,000	\$50,000		\$80,000

INTEGRATED WATER MASTER PLAN

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA60017

Project Number: CIPWA60017

Description

Update Integrated Master Plan to include the plans for water, sewer, reclaimed water, and storm water systems.

Justification

The existing water master plan was prepared in 2003 and wastewater master plan was prepared in 2008. This project provides needed planning tools to ensure necessary infrastructure is available, and water resources are available to meet anticipated demands to support future development. A storm water management plan has never been prepared.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$1,381,078	\$0					\$1,381,078
NONCAPITAL	6020-Water	\$750,000	\$1,250,000					\$2,000,000
Grand Total		\$2,131,078	\$1,250,000					\$3,381,078

LABORATORY EQUIPMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA60018

Project Number: CIPWA60018

Description

Upgrade or replace laboratory equipment. Includes water de-ionizer, ion chromatograph, four IC-ESI-MS/MS, two GC-MS over three years.

Justification

Equipment is at end of service-life. Maintenance is becoming costly versus replacement.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$225,000	\$0	\$0				\$225,000
EQUIPMENT	6020-Water	\$350,000	\$150,000	\$250,000				\$750,000
Grand Total		\$575,000	\$150,000	\$250,000				\$975,000

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M				\$1,000	\$1,000	\$1,500	\$8,000	\$11,500
Grand Total				\$1,000	\$1,000	\$1,500	\$8,000	\$11,500

VEHICLE REPLACEMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA60019

Project Number: CIPWA60019

Description

Replacement of vehicles, heavy trucks, and excavation equipment.

Justification

Having the right equipment and vehicles is important to safely complete construction and repair projects. Water Services has facilities in all areas of the City. Mobility is critical to effectively and efficiently perform work required.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$1,150,000	\$0	\$0	\$0	\$0	\$0	\$1,150,000
EQUIPMENT	6020-Water	\$600,000	\$750,000	\$600,000	\$1,000,000	\$600,000	\$4,000,000	\$7,550,000
Grand Total		\$1,750,000	\$750,000	\$600,000	\$1,000,000	\$600,000	\$4,000,000	\$8,700,000

LARGE WATER VALVES

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61001

Project Number: CIPWA61001

Description

Design and construct the replacement of large water main valves and fire hydrant and related water lines to maintain the operational reliability of the City’s water distribution and fire suppression systems.

Justification

The ages of main valves vary, with many of them over 25 years old. Parts are no longer available and should be replaced. Attached fire hydrants and service line are replaced at the same time. Reduce the risk of equipment failure and loss of service.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$620,365	\$0	\$0	\$0	\$0	\$0	\$620,365
EQUIPMENT	6020-Water	\$529,142	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000	\$6,379,142
Grand Total		\$1,149,507	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000	\$6,999,507

WATER LINE REPLACEMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61013

Project Number: CIPWA61013

Description

Waterline replacement design and construction. Work is performed in phases based on condition assessments.

Justification

The average age of the water distribution system is over 35 years old. Additionally, due to the pipe condition some of the water line segments have failed multiple times which required costly emergency repairs and unplanned service interruptions. Early replacement reduces risk of system failure and loss of water service to citizens.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$1,542,065	\$0	\$0			\$0	\$1,542,065
CONSTRUCT	6020-Water	\$2,000,000	\$1,000,000	\$1,100,000			\$5,000,000	\$9,100,000
DESIGN	6020-Water	\$400,000	\$400,000	\$200,000			\$1,950,000	\$2,950,000
INTRNL CHG	6020-Water	\$90,000	\$90,000	\$189,000			\$500,000	\$869,000
PUBLIC ART	6020-Water	\$10,000	\$10,000	\$11,000			\$50,000	\$81,000
Grand Total		\$4,042,065	\$1,500,000	\$1,500,000			\$7,500,000	\$14,542,065

WATER SYSTEM SECURITY

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61023

Project Number: CIPWA61023

Description

Installation of equipment citywide to further enhance security of city’s water supply, treatment plants and distribution systems.

Justification

Replace and update cameras and equipment at Water Services facilities to further enhance security of City’s water supply, treatment plants and distribution systems.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
EQUIPMENT	6020-Water	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$350,000	\$1,100,000
Grand Total		\$300,000	\$150,000	\$150,000	\$150,000	\$150,000	\$350,000	\$1,250,000

CHOLLA WATER PLANT PROCESS IMP

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61024

Project Number: CIPWA61024

Description

Study, design, and construct improvements to storage reservoirs, chemical feed system, site lighting, electrical feed system, SCADA controls, booster stations and admin building improvements.

Justification

The Cholla WTP, constructed in 1978, is one of two critical plants serving the residents and business of Glendale. This plant provides four billion gallons of water annually to the central portion of Glendale. Rehabilitation reduces risk of equipment failure and loss of service to citizens.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$8,225,860	\$0	\$0	\$0	\$0	\$0	\$8,225,860
CONSTRUCT	6020-Water	\$4,861,649	\$0	\$2,400,000	\$2,000,000	\$1,800,000	\$17,000,000	\$28,061,649
DESIGN	6020-Water	\$520,961	\$0	\$690,000	\$200,000	\$100,000	\$3,000,000	\$4,510,961
INTRNL CHG	6020-Water	\$152,000	\$300,000	\$286,000	\$80,000	\$82,000	\$430,000	\$1,330,000
PUBLIC ART	6020-Water	\$48,000	\$0	\$24,000	\$20,000	\$18,000	\$170,000	\$280,000
Grand Total		\$13,808,470	\$300,000	\$3,400,000	\$2,300,000	\$2,000,000	\$20,600,000	\$42,408,470

WATER LINE EXTENSION

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61027

Project Number: CIPWA61027

Description

Waterline extension installation to extend the City’s water transmission and distribution system to meet projected demand from future development.

Justification

Funding needed to install infrastructure for new development within the Vision 4 area.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$870,832						\$870,832
Grand Total		\$870,832						\$870,832

PYRAMID PEAK WTP PROCESS IMP.

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61043

Project Number: CIPWA61043

Description

Study, design, and construct process improvements to the water supply system, wash water system, chemical feed system, electrical system, and HVAC systems. City of Peoria shares in 23% of the costs. Perform condition assessment and rehabilitation in second 5-year period.

Justification

The Pyramid Peak WTP, constructed in 1987, is one of two critical plants serving the residents and businesses of Glendale. This plant provides ten billion gallons of water to the northern and central portions of Glendale, which includes three billion gallons of water to Peoria.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$2,318,196	\$0	\$0		\$0	\$0	\$2,318,196
CONSTRUCT	6020-Water	\$8,790,434	\$5,012,344	\$957,317		\$2,000,000	\$17,000,000	\$33,760,095
CONTGNCY	6020-Water	\$100,000	\$614,599	\$0		\$0	\$0	\$714,599
DESIGN	6020-Water	\$723,157	\$929,456	\$0		\$300,000	\$1,000,000	\$2,952,613
EQUIPMENT	6020-Water	\$325,000	\$90,000	\$0		\$0	\$100,000	\$515,000
INTRNL CHG	6020-Water	\$100,000	\$100,000	\$100,000		\$0	\$0	\$300,000
STUDY	6020-Water	\$65,000	\$320,435	\$1,900,000		\$200,000	\$0	\$2,485,435
Grand Total		\$12,421,787	\$7,066,834	\$2,957,317		\$2,500,000	\$18,100,000	\$43,045,938

Operating Costs

Category	O&M Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CIP O&M			\$400,000	\$500,000	\$750,000	\$750,000	\$5,000,000	\$7,400,000
Grand Total			\$400,000	\$500,000	\$750,000	\$750,000	\$5,000,000	\$7,400,000

THUNDERBIRD RESERVOIR MISC. IM

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61045

Project Number: CIPWA61045

Description

Design and construct improvements to increase water quality and water delivery during peak demand. Design and construct roof replacement in out years.

Justification

The Thunderbird reservoir is a 12 million gallon reservoir and was installed in 1985. This reservoir plays an important role in meeting peak water demand within the central portion of Glendale.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CONSTRUCT	6020-Water	\$0	\$450,000		\$1,100,000		\$1,100,000	\$2,650,000
DESIGN	6020-Water	\$200,000	\$0		\$300,000		\$50,000	\$550,000
INTRNL CHG	6020-Water	\$0	\$45,500		\$89,000		\$89,000	\$223,500
PUBLIC ART	6020-Water	\$0	\$4,500		\$11,000		\$11,000	\$26,500
Grand Total		\$200,000	\$500,000		\$1,500,000		\$1,250,000	\$3,450,000

CITYWIDE METER VAULT IMP

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61047

Project Number: CIPWA61047

Description

Large meter vault access improvements to meet safety requirements. Work is contracted in phases.

Justification

The ages of meter vaults vary. Many of them are over 25 years old and are in need of repair and upgrades to meet safety and maintenance standards.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$739,049	\$0				\$0	\$739,049
CONSTRUCT	6020-Water	\$600,000	\$600,000				\$800,000	\$2,000,000
INTRNL CHG	6020-Water	\$44,000	\$44,000				\$192,000	\$280,000
PUBLIC ART	6020-Water	\$6,000	\$6,000				\$8,000	\$20,000
Grand Total		\$1,389,049	\$650,000				\$1,000,000	\$3,039,049

GROUNDWATER WELL REHABILITATION

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61048

Project Number: CIPWA61048

Description

Assess water production and water quality at 14 groundwater wells. Rehabilitation of well, pump and electrical as needed.

Justification

Wells need rehabilitation every 5-10 years to maintain high production levels. Rehabilitation reduces risk of equipment failure and loss of service as well as decrease in water quality.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$485,829	\$0		\$0	\$0	\$0	\$485,829
CONSTRUCT	6020-Water	\$750,000	\$1,500,000		\$0	\$0	\$4,000,000	\$6,250,000
INTRNL CHG	6020-Water	\$42,500	\$85,000		\$0	\$0	\$160,000	\$287,500
PUBLIC ART	6020-Water	\$7,500	\$15,000		\$0	\$0	\$40,000	\$62,500
STUDY	6020-Water	\$200,000	\$400,000		\$200,000	\$200,000	\$0	\$1,000,000
Grand Total		\$1,485,829	\$2,000,000		\$200,000	\$200,000	\$4,200,000	\$8,085,829

ZONE 2&3 DISTRIBUTION IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61049

Project Number: CIPWA61049

Description

Improvements to the water supply and distribution system within Zone 2 and Zone 3 for water supply redundancy.

Justification

This booster station was constructed in 1992 and is being upgraded to provide emergency water supply to northern portion of Glendale when Pyramid Peak WTP has reduced production.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$232,652	\$0					\$232,652
CONSTRUCT	6020-Water	\$0	\$800,000					\$800,000
DESIGN	6020-Water	\$300,000	\$0					\$300,000
EQUIPMENT	6020-Water	\$200,000	\$100,000					\$300,000
INTRNL CHG	6020-Water	\$0	\$92,000					\$92,000
PUBLIC ART	6020-Water	\$0	\$8,000					\$8,000
Grand Total		\$732,652	\$1,000,000					\$1,732,652

ACCRUAL OF LT WTR STORAGE CREDITS

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61051

Project Number: CIPWA61051

Description

Utilize Groundwater Saving Facility and Central Arizona Project agreements provide the accrual of long-term water storage credits.

Justification

Accrued water storage credits can be withdrawn at times of reduced supply. Storage target is 25,000 acre feet by 2025.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$500,000	\$0	\$0				\$500,000
MISC CIP	6020-Water	\$500,000	\$500,000	\$500,000				\$1,500,000
Grand Total		\$1,000,000	\$500,000	\$500,000				\$2,000,000

RECHARGE STORAGE ASSESSMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61052

Project Number: CIPWA61052

Description

Study recharge capacity of the West Area Aquifer Recharge Facility (WAARF). Design and construct of new infrastructure to occur in future years.

Justification

WAARF recharge basins were installed in 2001. Need to provide for additional recharge capacity at new locations.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$216,000				\$0	\$0	\$216,000
CONSTRUCT	6020-Water	\$0				\$0	\$700,000	\$700,000
DESIGN	6020-Water	\$0				\$0	\$300,000	\$300,000
INTRNL CHG	6020-Water	\$0				\$0	\$193,000	\$193,000
PUBLIC ART	6020-Water	\$0				\$0	\$7,000	\$7,000
STUDY	6020-Water	\$0				\$300,000	\$0	\$300,000
Grand Total		\$216,000				\$300,000	\$1,200,000	\$1,716,000

DISTRIB SYS IMPRV - CITYWIDE

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61054

Project Number: CIPWA61054

Description

Study, design and construct water distribution system improvements city-wide. Includes PRVs, water instrumentation, flow meters, transmission line, sub-zone splitting.

Justification

Pressure reducing valves (PRV) and process control systems are over 20 years old and have reached the end of useful life. It is very important to ensure the PRVs are functional to move water between different pressure zones to meet water demand, manage water pressure, and fire flow. This project will also update the city-wide pressure maps for new development and fire flow purposes.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$853,569	\$0				\$0	\$853,569
CONSTRUCT	6020-Water	\$350,000	\$350,000				\$1,050,000	\$1,750,000
DESIGN	6020-Water	\$100,000	\$100,000				\$300,000	\$500,000
INTRNL CHG	6020-Water	\$46,500	\$46,500				\$139,500	\$232,500
PUBLIC ART	6020-Water	\$3,500	\$3,500				\$10,500	\$17,500
Grand Total		\$1,353,569	\$500,000				\$1,500,000	\$3,353,569

OASIS WTP IMPROVEMENTS

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61055

Project Number: CIPWA61055

Description

Evaluation of groundwater plant condition, construction of efficiency and operation upgrades. Brine ponds improvements in future years.

Justification

Oasis Water Campus includes the Oasis surface WTP and Oasis GTP. Oasis WTP was built in 2007 and Oasis GTP was built in 2012. Oasis Water Campus provides 1.7 billion gallons of water to the southern and western portions of Glendale. After a condition assessment, several systems are in of rehabilitation.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$655,197	\$0		\$0	\$0	\$0	\$655,197
CONSTRUCT	6020-Water	\$200,000	\$1,500,000		\$0	\$1,400,000	\$10,000,000	\$13,100,000
CONTGNCY	6020-Water	\$0	\$0		\$0	\$500,000	\$0	\$500,000
DESIGN	6020-Water	\$250,000	\$400,000		\$0	\$0	\$400,000	\$1,050,000
EQUIPMENT	6020-Water	\$1,500,000	\$0		\$0	\$0	\$0	\$1,500,000
INTRNL CHG	6020-Water	\$48,000	\$135,000		\$0	\$86,000	\$500,000	\$769,000
PUBLIC ART	6020-Water	\$2,000	\$15,000		\$0	\$14,000	\$100,000	\$131,000
STUDY	6020-Water	\$0	\$200,000		\$500,000	\$0	\$0	\$700,000
Grand Total		\$2,655,197	\$2,250,000		\$500,000	\$2,000,000	\$11,000,000	\$18,405,197

PYRAMID PEAK WTP 15MGD EXP.

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61058

Project Number: CIPWA61058

Description

Design and construction to increase resiliency of plant and expand capacity by 15 MGD for city of Peoria future growth. City of Peoria to fund 23% of resiliency improvements and 100% of expansion.

Justification

This project was requested and funded by the City of Peoria to meet Peoria’s projected water demand in accordance with the Intergovernmental Agreement (IGA) between the Cities of Glendale and Peoria.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$1,332,726	\$0	\$0				\$1,332,726
CONSTRUCT	6020-Water	\$31,659,457	\$10,283,218	\$1,295,290				\$43,237,965
CONTGNCY	6020-Water	\$1,250,000	\$610,622	\$0				\$1,860,622
DESIGN	6020-Water	\$1,450,130	\$1,887,076	\$1,428,556				\$4,765,762
INTRNL CHG	6020-Water	\$200,000	\$300,000	\$300,000				\$800,000
STUDY	6020-Water	\$150,000	\$74,355	\$510,000				\$734,355
Grand Total		\$36,042,313	\$13,155,271	\$3,533,846				\$52,731,430

WATER CAPITAL EQUIPMENT

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61061

Project Number: CIPWA61061

Description

Replacement of capital equipment at water facilities. Includes Program Logic Controllers (PLC), Variable Frequency Drives (VFD), pumps and motors.

Justification

As equipment at the water treatment plants reach the end of service-life, it is replaced. It is critical to ensure City's water treatment facilities are in good operational condition to meet water demands and regulatory requirements. It critical to make these replacements in a timely manner before failures occurs.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$397,893	\$0	\$0	\$0			\$397,893
EQUIPMENT	6020-Water	\$1,000,000	\$1,000,000	\$500,000	\$500,000			\$3,000,000
Grand Total		\$1,397,893	\$1,000,000	\$500,000	\$500,000			\$3,397,893

67TH AVE WATER LINE IMPROV

Package Number
FY20-29CIP

Project Type
Water

Project Number
CIPWA61062

Project Number: CIPWA61062

Description

Assess condition and rehabilitate the 67th Avenue water transmission main south of Jomax Road. Future rehabilitation costs will added after assessment is complete.

Justification

The transmission main was installed in 1987. This is the only line that conveys water from Pyramid Peak WTP to Glendale water customers in the northern portions of the City and the City of Peoria Turnout. The condition of the pipe needs to be assessed to determine if the pipeline is in need of rehabilitation.

Capital Costs

Category	Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025-2029	Grand Total
CARRYOVER	6020-Water	\$400,000	\$0					\$400,000
STUDY	6020-Water	\$0	\$300,000					\$300,000
Grand Total		\$400,000	\$300,000					\$700,000