



Capital Improvements Program

July 1, 2023 - June 30, 2024

Tempe Mayor & City Council



Corey D. Woods
Mayor

Jennifer Adams
Vice Mayor

Arlene Chin
Councilmember

Doreen Garlid
Councilmember

Berdetta Hodge
Councilmember

Randy Keating
Councilmember

Joel Navarro
Councilmember

Members of the Tempe City Council serve four year terms. They are elected at large by the voters of Tempe.





Capital Improvements Program Budget Fiscal Year 2023/24



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Capital Improvements Program Overview

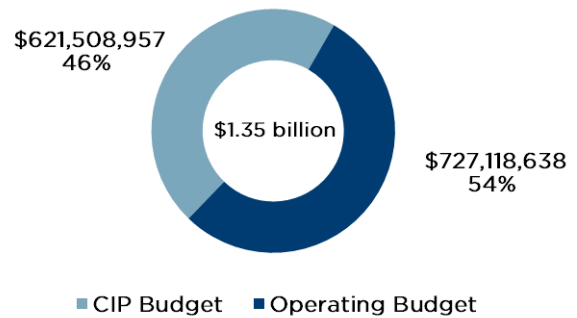
Pursuant to the Tempe City Charter, the City Manager prepares and submits a Capital Improvements Program (CIP) annually to the Council. The CIP is a five-year financial plan for the acquisition, construction, expansion, or rehabilitation of infrastructure and capital assets. Capital projects typically have one or more of the following characteristics: (1) expenditures which take place over two or more years, requiring continuing appropriations beyond a single fiscal year; (2) funding with debt because of significant costs to be shared by current and future beneficiaries; (3) creation or revitalization of a fixed asset with a minimum useful life of five years; (4) systematic asset acquisition over an extended period of time; and (5) scheduled replacement or maintenance of specific elements of physical assets. The following are some examples of items that are included within the definition of capital expenditures:

- Construction of new facilities
- Remodeling, expansion, and maintenance of existing facilities
- Purchase, improvement, or development of land
- Operating equipment and machinery for existing and new facilities
- Planning and engineering costs related to specific capital improvements
- Street resurfacing, renovation, or reconstruction
- Emergency vehicles
- Information Technology infrastructure

Although capital projects are scheduled throughout the five-year plan, only those projects during the first year of the plan are adopted as part of the City's annual budget. The first year of the CIP constitutes the capital budget. The remaining years within the CIP serve as a guide for future planning and are subject to annual review and modification in subsequent years.

As shown in the chart, the City of Tempe's total financial program for fiscal year (FY) 2023/24 totals \$1.35 billion and of this amount, \$621.5 million is for projects included in the capital budget.

FY 2023/24 Total Financial Program



The capital budget consists of the following program areas: Enterprise, Special Purpose, General Purpose, and Transportation projects.

The Enterprise program, as shown in the chart, totals \$198.8 million and includes water, wastewater, and solid waste projects accounting for 32% of the total capital budget in FY 2023/24.

CIP Summary		
Capital Program	FY 2022/23 Budget	FY 2023/24 Budget
Enterprise		
Water	76,273,778	136,324,000
Wastewater	33,672,662	62,119,310
Golf	635,132	-
Solid Waste	250,539	351,523
Total Enterprise	110,832,111	198,794,833
Special Purpose		
Arts & Culture	9,724,049	8,707,826
Municipal Arts	2,930,258	3,330,655
Transit	34,453,000	40,694,193
Total Special Purpose	47,107,307	52,732,674
General Purpose		
Police	13,406,447	21,874,940
Fire	19,784,038	25,746,277
Storm Drains	2,580,928	5,715,780
Park Improvements	49,358,296	59,187,771
General Governmental	165,814,611	183,823,498
Total General Purpose	250,944,320	296,348,266
Transportation		
Transportation and R.O.W.	43,364,858	63,959,893
Traffic Signals/Street Lighting	8,842,587	9,673,291
Total Transportation	52,207,445	73,633,184
Total - All	461,091,183	621,508,957

The Special Purpose program includes arts and cultural, municipal arts and transit projects, totals \$52.7 million, or 8%, of funded projects in FY 2023/24.

The General Purpose program includes police protection, fire protection, storm drains, parks and general governmental projects and totals \$296.3 million or 48% of the capital budget.

The Transportation program includes lighting and traffic signal projects, and street and sidewalk renovation and construction projects.

Transportation program funding totals \$73.6 million or 12% of the capital budget.

The Golf program, previously under the Enterprise program, has been reorganized under the Parks Improvements program starting in FY24.

Resolution of Adoption

RESOLUTION NO. R2023.82

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TEMPE, ARIZONA, TO ADOPT A FIVE- YEAR CAPITAL IMPROVEMENTS PROGRAM FOR THE PERIOD JULY 1, 2023 THROUGH JUNE 30, 2028.

WHEREAS, Section 5.06 of the Tempe City Charter requires the City Manager to prepare and submit to the City Council a five-year Capital Improvements Program, and

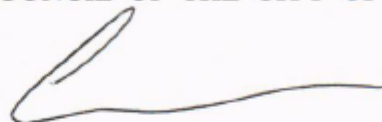
WHEREAS, the City Manager has prepared and submitted said five-year Capital Improvements Program to the City Council for its consideration and adoption, and

WHEREAS, the City Council has duly considered the contents of said Capital Improvements Program and finds it to be in the best interest of the City of Tempe;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF TEMPE, ARIZONA, as follows:

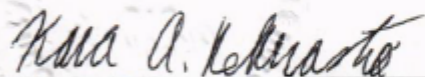
1. That the program summary entitled "Fiscal Years 2023/24 Through 2027/28 Capital Improvements Program Summary" attached as Attachment A, is hereby approved and adopted to use in the scheduling and development of capital programs for the ensuing five-year period.

PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF TEMPE, ARIZONA, this 15th day of June, 2023.



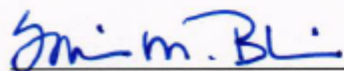
Corey D. Woods, Mayor

ATTEST:



Kara A. DeArrastia, Interim City Clerk

APPROVED AS TO FORM:



Sonia M. Blain, City Attorney

FY 2023/24 CIP Process

The FY 2023/24 CIP planning process was launched in the fall of 2022 with City department heads, capital project managers, and Municipal Budget Office (MBO) meeting to review planning process, the capital budget calendar and estimated availability of funds. MBO staff provided guidance regarding the information CIP project managers should provide to substantiate requests for FY 2023/24 project funding. This included a detailed review of the information required to complete CIP project request forms. Continued emphasis was placed on the importance of providing accurate project completion timelines and validating ongoing project costs with detailed schedules for the replacement and maintenance of City assets.

After all project submissions were received, a series of follow-up meetings were held over the ensuing months with department directors and other key department representatives to discuss changes to previously approved projects and to review new project requests. Over the same period of time, MBO staff estimated the City's capacity to enter into additional General Obligation (G.O.) debt to fund capital projects over the upcoming five-year period of the CIP and worked to identify all other potential project funding sources. Unlike capital project programs such as transit and water/wastewater which have dedicated funding sources; general purpose project program areas are eligible for G.O. bond funding as approved by Tempe voters.

Since total costs associated with projects submitted with G.O. bonds as the proposed funding source exceeded the amount of G.O. bonds the City can afford to issue over the next five years, those projects were prioritized and ranked according to established criteria to identify the most critical capital requirements. Specifically, projects are first evaluated based on the degree to which they contributed to the preservation of City assets, the degree to which they addressed public health and safety concerns, and the degree that they contribute toward advancing a Council adopted strategic priority. The primary prioritization scoring is as follows:

Primary Prioritization Scoring

Asset Preservation				
1	2	3	4	5
creates a new asset	expands the size or services of an existing asset	provides normal capital maintenance that extends the life of an asset or reduces future costs	rehabilitates or replaces an asset that has reached its estimated useful life or is performing below standard	rehabilitates or replaces an asset that is no longer functional
Public Health & Safety				
1	2	3	4	5
increases standards of service with no positive impact on public health and safety	contributes to improved public health with no positive impact on safety	indirectly contributes to improved public health and safety, but does not address immediate public health and safety concerns	enhances the City's ability to address health and safety issues that have a wide-reaching public impact	directly and immediately impacts saving or protecting lives, correcting hazardous conditions, or addressing potentially life-threatening situations
Council Adopted Strategic Priority				
1	2	3	4	5
project addresses a need without alignment with a Council adopted strategic priority	project aligns with a Council adopted strategic priority	project aligns with a Council adopted strategic priority and contributes to the achievement of a performance measure	project aligns with a Council adopted strategic priority and helps to advance the achievement of a performance measure	project aligns with a Council adopted strategic priority and addresses a Council directive to accelerate the achievement of a performance measure

Projects are further evaluated based on a secondary set of criteria. This secondary criteria addresses: level of public use of the asset, contractual or legal obligations, impact of deferring the project, amount of grant funding, operating budget impact, and prior approval of the project.

It is important to note transit, arts & culture, and water/wastewater projects were also evaluated for necessity based on adherence to the City's asset management practices, and the degree to which they addressed public health and safety concerns; however, they were not subjected to a rigorous prioritization process because total project costs fell within the funding levels available to the respective program areas. This is in large part by design since funding availability for these areas is measured by MBO and transit and water/wastewater fund managers who work closely with the project managers.

During City Council Work Study Sessions held between February and April 2023, staff presented, for Council's consideration, all capital projects originally submitted by departments, as well as staff's recommended prioritization of G.O. bond funded projects. Also, during these sessions, staff discussed the financial and legal funding variables used to determine the total potential monetary size of the next five-year CIP (discussed further below under Capital Program Financing).

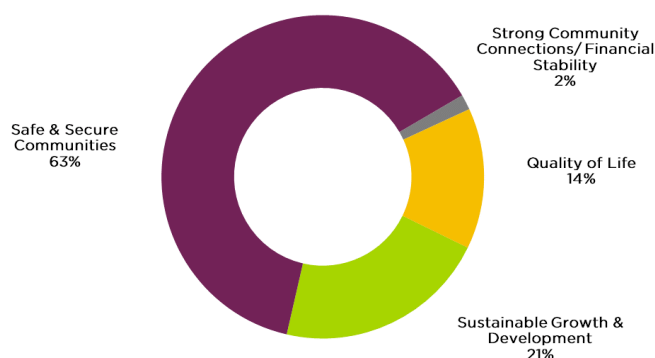
Capital Budget Strategic Priorities

The City Council strategic priorities were identified after a series of open meetings to discuss, identify, and prioritize their collective vision for the future of Tempe. The resulting five strategic priorities listed below provided the framework that guide the development of the capital budget and operational strategies for FY 2023/24.

The following represent the priorities:



The pie chart displays how the CIP expenditures included in the adopted FY 2023/24 budget are aligned with the City Council's strategic priorities.



Majority of projects within the 2023/24 police, fire, arts and culture, parks, transit, and transportation (streets) program directly support the City's commitment to a safe and secure community through capital spending on public safety and infrastructure projects. These projects approximate \$387 million, or 62% of the capital budget.

Approximately \$86.5 million, or 14%, of the capital budget, enhances the quality of life in Tempe through investments in neighborhoods, parks, the arts, human services, and city amenities. The City's priority to implement sustainable growth and development strategies is evident by the approximately 21%, or

\$131.3 million, of the 2023/24 capital budget that is dedicated to projects that address this priority. These projects implement sustainable growth and development strategies to meet future needs through innovative technologies and projects that create a more sustainable community.

The remaining 3%, or \$16.6 million, of the 2023/24 capital budget enhances strong community connections and financial stability and vitality in Tempe through investments in technology, customer service enhancements and projects that address long-term financial stability.

City Council Strategic Priorities and Capital Budget Development

The City Manager's initiative to formalize the City's strategic planning process results in resources allocated based on measurable performance measures aligned to the City Council's Strategic Priorities. In December 2022, input was elicited from the City Council on those performance measures that should be accelerated during FY 2023/24. This input enables the City Manager to prioritize additional funding or to shift funding to accelerate the target date for meeting the prioritized performance measures. This includes performance measures that are directly linked to the capital budget program. Please refer to Section 6 – Department Information for information on department/office performance measures related to the capital program.

**Fiscal Years 2023/24 through 2027/28
Capital Improvements Program Summary**

FY 2023-24 through 2027-28 Capital Improvements Program Summary								
Program	Capital Budget Re-appropriations	New 2023-24 Capital Budget Appropriations	Total 2023-24 Capital Budget Appropriations	Additional Projected Needs				Total 5-Year Program
				2024-25	2025-26	2026-27	2027-28	
Enterprise Program								
Solid Waste	281,394	70,129	351,523	3,073,635	2,077,317	81,183	85,242	5,668,900
Wastewater	14,241,310	47,878,000	62,119,310	53,059,000	29,335,000	27,178,000	25,245,000	196,936,310
Water	55,440,000	80,884,000	136,324,000	74,991,912	37,244,478	57,203,478	97,034,478	402,798,346
Total Enterprise	69,962,704	128,832,129	198,794,833	131,124,547	68,656,795	84,462,661	122,364,720	605,403,556
Special Purpose Program								
Arts & Culture	4,353,826	4,354,000	8,707,826	738,000	1,405,000	1,360,000	1,650,000	13,860,826
Municipal Arts	2,055,655	1,275,000	3,330,655	1,490,000	1,160,000	1,110,000	1,110,000	8,200,655
Transit	25,665,417	15,028,776	40,694,193	10,002,290	8,036,557	11,918,000	13,415,929	84,066,969
Total Special Purpose	32,074,898	20,657,776	52,732,674	12,230,290	10,601,557	14,388,000	16,175,929	106,128,450
General Purpose Program								
Fire Protection	18,196,277	7,550,000	25,746,277	10,131,000	12,754,000	16,596,320	9,424,680	74,652,277
General Governmental	58,116,642	125,706,856	183,823,498	44,598,099	32,489,175	33,885,600	29,953,400	324,749,772
Park Improvements	33,494,698	25,693,073	59,187,771	9,018,000	46,370,500	8,877,500	10,427,000	133,880,771
Police Protection	7,358,257	14,516,683	21,874,940	25,892,870	11,134,469	5,383,907	7,347,109	71,633,295
Storm Drains	3,117,427	2,598,353	5,715,780	9,210,647	466,000	1,579,512	1,920,259	18,892,198
Total General Purpose	120,283,301	176,064,965	296,348,266	98,850,616	103,214,144	66,322,839	59,072,448	623,808,313
Transportation								
Traffic Signals/Street Lighting	5,718,818	3,954,473	9,673,291	2,779,473	2,980,473	5,829,473	1,780,473	23,043,183
Transportation and R.O.W.	28,411,279	35,548,614	63,959,893	24,256,500	26,312,000	18,761,000	17,944,000	151,233,393
Total Transportation	34,130,097	39,503,087	73,633,184	27,035,973	29,292,473	24,590,473	19,724,473	174,276,576
TOTAL PROGRAM	256,451,000	365,057,957	621,508,957	269,241,426	211,764,969	189,763,973	217,337,570	1,509,616,895

Fiscal Years 2023/24 through 2027/28
Capital Improvements Program Source of Funds Summary

Program	Capital Budget Re-appropriations	New 2023-24 Capital Budget Appropriations	Total 2023-24 Capital Budget Appropriations	Additional Projected Needs				Total 5-Year Program
				2024-25	2025-26	2026-27	2027-28	
Enterprise Supported								
Capital Projects Fund Balance	5,200,000	-	5,200,000	-	-	-	-	5,200,000
Development Impact Fees	-	800,000	800,000	1,550,000	1,950,000	1,950,000	1,950,000	8,200,000
Grant	-	3,125,000	3,125,000	21,000,000	4,000,000	-	-	28,125,000
Solid Waste Excise Bonds	-	-	-	3,000,000	2,000,000	-	-	5,000,000
Solid Waste Fund	281,394	70,129	351,523	73,635	77,317	81,183	85,242	668,900
Water / Wastewater Bonds	64,481,310	122,737,000	187,218,310	103,375,912	57,629,478	76,878,478	117,929,478	543,031,656
Water / Wastewater Fund	-	2,100,000	2,100,000	2,125,000	3,000,000	5,553,000	2,400,000	15,178,000
Total Enterprise Supported	69,962,704	128,832,129	198,794,833	131,124,547	68,656,795	84,462,661	122,364,720	605,403,556
Special Purpose								
Arts & Cultural Fund	-	4,354,000	4,354,000	738,000	1,405,000	1,360,000	1,650,000	9,507,000
Capital Projects Fund Balance	25,170,790	-	25,110,790	-	-	-	-	25,110,790
Developer Assistance/Contribution	-	-	-	-	-	5,500,000	-	5,500,000
Development Impact Fees	-	65,260	65,260	65,260	101,014	65,260	65,260	362,054
Federal Grants/Other	6,904,108	7,195,109	14,099,217	4,288,935	2,515,065	450,000	3,700,000	25,053,217
Municipal Arts Fund	-	1,275,000	1,275,000	1,490,000	1,160,000	1,110,000	1,110,000	6,145,000
Proposition 400E	-	-	-	-	250,000	250,000	-	500,000
Transit Tax	-	7,768,407	7,828,407	5,648,095	5,170,478	5,652,740	9,650,669	33,950,389
Total Special Purpose	32,074,898	20,657,776	52,732,674	12,230,290	10,601,557	14,388,000	16,175,929	106,128,450
General Purpose								
American Rescue Plan Act	29,776,516	-	29,776,516	-	-	-	-	29,776,516
Capital Projects Fund Balance	16,410,938	4,580,224	20,991,162	75,000	60,000	180,000	75,000	21,381,162
City of Scottsdale	-	-	-	1,750,000	-	-	396,814	2,146,814
Contingent General Fund - Cash Reserve - CIP	-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
Developer Assistance/Contribution	-	12,000,000	12,000,000	-	-	-	-	12,000,000
Development Impact Fees	5,437,950	6,750,000	12,187,950	7,028,446	-	7,558,320	-	26,774,716
Diablo Stadium Revenue	-	47,500	47,500	47,500	47,500	47,500	47,500	237,500
Emergency Medical Transportation Fund	-	1,084,776	1,084,776	-	-	-	-	1,084,776
Flood Control District - Maricopa County	598,670	1,503,339	2,102,009	6,030,471	66,000	830,683	793,630	9,822,793
General Fund Cash Reserve - CIP	-	22,045,868	22,045,868	25,250,000	12,054,000	-	200,000	59,549,868
General Obligation Bonds	67,909,227	60,150,258	128,059,485	53,044,199	81,677,144	52,514,661	52,519,504	367,814,993
Grants/Other	150,000	35,529,000	35,679,000	-	-	-	-	35,679,000
Maricopa County Contribution	-	7,300,000	7,300,000	-	-	-	-	7,300,000
Solid Waste Excise Bonds	-	20,000,000	20,000,000	-	-	-	-	20,000,000
Transit Tax	-	-	-	-	212,500	20,400	-	232,900
Water / Wastewater Fund	-	74,000	74,000	625,000	40,000	171,275	40,000	950,275
Total General Purpose	120,283,301	176,064,965	296,348,266	98,850,616	103,214,144	66,322,839	59,072,448	623,808,313
Transportation								
ADOT	1,532,368	1,177,000	3,454,338	-	-	4,000,000	-	7,454,338
Capital Projects Fund Balance	1,000,000	-	1,000,000	1,800,000	-	-	-	2,800,000
Developer Assistance/Contribution	450,000	450,000	900,000	-	-	-	-	900,000
Development Impact Fees	70,899	-	70,899	556,369	-	-	-	627,268
Federal Grants/Other	1,890,863	2,190,141	3,336,034	-	2,266,126	-	-	5,602,160
General Obligation Bonds	26,713,759	28,210,996	54,924,755	19,779,604	17,169,549	16,140,473	18,324,473	126,338,854
Highway User Revenue Fund	2,230,466	5,625,000	7,855,466	4,900,000	5,350,000	4,450,000	1,400,000	23,955,466
Solid Waste Fund	241,742	-	241,742	-	-	-	-	241,742
TA Grant	-	1,462,950	1,462,950	-	4,506,798	-	-	5,969,748
Transit Tax	-	387,000	387,000	-	-	-	-	387,000
Total Transportation	34,130,097	39,503,087	73,633,184	27,035,973	29,292,473	24,590,473	19,724,473	174,276,576
TOTAL PROGRAM	256,451,000	365,057,957	621,508,957	269,241,426	211,764,969	189,763,973	217,337,570	1,509,616,895

CIP Impact on the Operating Budget

Although the City of Tempe prepares the capital budget separate from the operating budget, the two budgets are linked. These links include ongoing operating, maintenance and repair costs associated with new or renovated facilities and infrastructure. Occasionally, CIP projects also necessitate the addition of new personnel required to staff or maintain new buildings or outdoor recreational areas. On the other hand, CIP projects may produce new revenue streams in the form of fees paid for the use of new or expanded facilities or they may produce operational savings from technology enhancements that produce fuel savings or by automating manual processes thus requiring less employee resources.

The new FY 2023/24 operating costs shown below are incorporated in the City's adopted operating budget. In addition to current year operating budget impacts, future operating costs associated with current and planned projects are identified in the capital budget process to aid in long-range planning. Since the City Council only formally adopts operating and capital budgets on an annual basis, the 'out-year' impacts represent a forecast based on the current scope of the project and inflation assumptions. As such, they will be subject to revision in future years. The table below shows the estimated new recurring operating budget impacts associated with projects included in the adopted five-year CIP.

New Operating Budget Impacts: FY 2023/24 to FY 2027/28							
BUDGETED				PLANNING PURPOSES			
Capital Projects by Fund	Cost Category	Recurring or One-time	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28
General Fund							
Fire Station 8	Personnel Services	One-Time	-	-	-	-	2,450,808
Fire Station 8	Supplies & Services	One-Time	-	-	-	-	457,890
Fire Station 8	Capital Outlay	One-Time	-	-	-	2,707,000	-
Facility Landscape Improvements	Supplies & Services	Recurring	-	13,857	13,857	25,483	25,483
Community & Workplace EV Charging Infrastructure	Supplies & Services	Recurring	-	-	100,000	100,000	100,000
Tempe Municipal Operations Center - Phase 1	Personnel Services	Recurring	-	55,120	56,338	57,633	59,002
Tempe Municipal Operations Center - Phase 1	Supplies & Services	Recurring	-	27,100	27,100	27,100	27,100
Tempe Municipal Operations Center - Phase 2	Personnel Services	Recurring	-	55,120	56,338	57,633	59,002
Tempe Municipal Operations Center - Phase 2	Supplies & Services	Recurring	-	85,000	69,500	285,500	69,500
Cooling Tower Replacement & Repairs	Supplies & Services	Recurring	-	100,000	100,000	100,000	100,000
Existing City Building Asset Management Program	Supplies & Services	Recurring	-	350,000	350,000	350,000	350,000
Citizen / Customer Relationship Management System	Supplies & Services	Recurring	150,000	690,000	540,000	540,000	540,000
Data & Technology Plan	Supplies & Services	Recurring	675,000	675,000	530,000	530,000	530,000
Peoplesoft Replacement	Supplies & Services	Recurring	-	150,000	400,000	250,000	250,000
Public Internet Technology	Supplies & Services	Recurring	-	31,200	39,000	39,000	46,800
Clark Park Pool & Amenities	Personnel Services	Recurring	783,422	806,249	829,761	853,979	878,923
Clark Park Pool & Amenities	Supplies & Services	Recurring	-	305,205	305,205	305,205	305,205
Clark Park Pool & Amenities	New Revenue Offset	Recurring	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
Clark Park Improvements	Supplies & Services	Recurring	-	9,874	9,874	9,874	9,874
Park Irrigation Systems	Supplies & Services	Recurring	-	4,000	6,000	8,000	10,000
Park Playground Infrastructure & Equipment Replacement / Renovation	Supplies & Services	Recurring	-	22,845	31,983	45,690	54,828

City of Tempe Fiscal Year 2023/24 Capital Improvements Program

Park Recreational Value	Supplies & Services	Recurring	-	3,972	4,242	8,214	10,200
Park Restrooms Renovations / Replacement	Supplies & Services	Recurring	-	8,576	12,864	17,152	17,152
Park Sports Field Renovation	Supplies & Services	Recurring	-	10,750	10,750	16,125	16,125
Parks Urban Forest	Supplies & Services	Recurring	-	42,160	54,560	66,960	79,360
911 / Radio Recording Equipment Refresh	Supplies & Services	Recurring	-	45,000	45,000	45,000	45,000
Digital Forensics Unit Server Replacement Project	Supplies & Services	One-Time	-	-	-	-	16,000
Explosive Ordnance Detection Deployment Vehicle Replacement	Capital Outlay	Recurring	-	3,000	3,000	3,000	3,000
Incident Command Vehicle Replacement	Capital Outlay	Recurring	-	3,000	3,000	3,000	3,000
SWAT Equipment Van Replacement	Capital Outlay	Recurring	-	6,000	6,000	6,000	6,000
General Fund Total				1,558,422	3,453,028	3,554,372	6,407,548
Transportation Fund							
8th St Multi Use Path	Supplies & Services	Recurring	-	-	5,000	5,000	5,000
Alameda Dr & I-10 Bicycle & Pedestrian Bridge	Supplies & Services	Recurring	-	-	5,000	5,000	5,000
Alameda Dr Bicycle / Pedestrian / Streetscape	Supplies & Services	Recurring	-	7,000	7,000	7,000	7,000
Bicycle / Pedestrian Bridge at Knox and I-10 Freeway and Multi-Bicycle / Pedestrian Bridge at Knox and I-10 Freeway and Multi-Country Club Way Bike & Pedestrian Improvements	Supplies & Services	Recurring	-	10,000	10,000	10,000	10,000
Country Club Way US60 to UPRR	Supplies & Services	One-Time	-	-	-	-	168,000
Grand Canal Connection Project	Supplies & Services	Recurring	-	-	-	5,000	5,000
Rio Salado North Bank Multi-Use Path	Supplies & Services	Recurring	-	-	2,500	2,500	2,500
Rio Salado Upstream Pedestrian Bridge	Supplies & Services	Recurring	-	-	-	10,000	10,000
Scottsdale Rd Bicycle & Pedestrian Improvements	Supplies & Services	Recurring	-	-	12,000	12,000	12,000
Transportation Master Plan	Supplies & Services	Recurring	-	-	5,000	5,000	5,000
City HallComplex Restrooms and Parking Reconfiguration	Supplies & Services	Recurring	-	140,000	140,000	140,000	140,000
Right of Way (ROW) Landscape Replacement	Supplies & Services	Recurring	-	100,000	100,000	100,000	100,000
Transportation Fund Total				-	257,000	286,500	311,500
Water/Wastewater Fund							
Wastewater Conveyance Stations	Supplies & Services	Recurring	-	200,000	200,000	200,000	200,000
Water Reclamation Facilities Upgrades & Improvements	Personnel Services	Recurring	-	136,937	381,219	1,298,012	1,313,071
Water Reclamation Facilities Upgrades & Improvements	Supplies & Services	Recurring	41,250	457,500	3,150,000	3,150,000	3,150,000
Water Reclamation Facilities Upgrades & Improvements	Capital Outlay	Recurring	-	72,100	79,200	32,200	8,200
SCADA, Electrical & Security Improvements	Personnel Services	Recurring	245,296	247,548	250,064	252,712	255,450
SCADA, Electrical & Security Improvements	Supplies & Services	Recurring	6,000	6,000	6,000	6,000	6,000
Water Treatment Plant Asset Maintenance & Upgrades	Supplies & Services	Recurring	-	750,000	750,000	750,000	750,000
Wells - Asset Maintenance and New Production	Personnel Services	Recurring	-	-	81,029	82,309	83,678
Wells - Asset Maintenance and New Production	Supplies & Services	Recurring	-	-	103,000	203,000	203,000
Wells - Asset Maintenance and New Production	Capital Outlay	Recurring	-	-	67,800	2,800	2,800
Water/Wastewater Fund Total				292,546	1,870,085	5,068,312	5,977,033
Total				\$ 1,850,968	\$ 5,580,113	\$ 8,909,184	\$ 12,921,951

CIP – Significant Capital Expenditures - Recurring and Non-recurring

The majority of the five-year CIP provides for ongoing or recurring projects that maintain and repair City facilities, water infrastructure, streets, and parks, and projects that gradually replace various capital assets.

However, there are a few significant non-recurring capital projects which are typically “one time” in nature and involve the construction of new facilities or City infrastructure, extensive renovation, or addition to existing facilities, or that appreciably contribute to the City’s General Plan. These projects are defined as significant due to the cost, typically \$1,000,000 or more. These projects are scheduled in the CIP in the applicable fiscal year where it has been determined there is sufficient financial capacity to absorb the project outside of the ongoing and recurring projects to maintain the City’s infrastructure. No increases or reduction of spending in other parts of the operating or capital budget were required for these significant non-recurring projects in the current fiscal year or are anticipated for future years. The operating costs associated with these non-recurring capital investments, if applicable, are described in the section “CIP Impact on the Operating Budget”.

The significant nonrecurring capital projects are as follows:

Significant Non-recurring Capital Projects						
Program	Project	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28
Fire	Emergency Medical Transportation Station Renovations	1,620,529	-	-	-	-
Fire	Emergency Repairs at Station 6	1,506,748	-	-	-	-
Fire	Fire Medical Rescue Station 2	14,950,000	3,000,000	-	-	-
Fire	Fire Medical Rescue Station 3	-	1,557,000	10,654,000	-	-
Fire	Fire Medical Rescue Station 8	-	3,014,000	-	14,496,320	5,524,680
Fire	Fire Medical Rescue Training Center Facilities	1,233,000	-	-	-	-
General	Architectural, Historical, Environmental - Phase 1	1,323,658	-	-	-	-
General	Architectural, Historical, Environmental - Phase 2	1,287,833	-	-	-	-
General	Citizen Customer Relationship Management System	100,000	940,000	-	-	-
General	City Hall Municipal Complex Improvements	-	-	260,000	4,145,000	5,239,500
General	City Hall Municipal Complex Repairs	6,858,000	1,500,000	1,500,000	1,500,000	-
General	Community & Workplace Charging Infrastructure	300,000	600,000	600,000	-	1,000,000
General	Creation/Acquisition of Non-Congregate Shelter	9,850,000	-	-	-	-
General	Implementation of Downtown Improvement Plan	10,170,000	-	5,800,000	5,800,000	-
General	Peoplesoft Replacement	250,000	1,250,000	1,250,000	-	-
General	Tempe Municipal Operations Center - Phase 1	28,226,516	-	-	-	-
General	Tempe Municipal Operations Center - Phase 2	45,443,776	16,556,224	-	-	-
General	Implementation of Diablo Stadium Master Plan	25,099,678	750,000	30,000,000	-	-
Parks & Recreation	Ken McDonald Clubhouse Renovation	901,000	-	7,216,000	-	-
Parks & Recreation	Ken McDonald Irrigation Renovation	-	343,000	2,657,000	-	-
Parks & Recreation	Park Lake Improvements	1,159,321	725,000	-	-	-
Police	Evidence Impound Vehicle Storage Lot	2,021,273	-	-	-	-
Police	Mobile & Enhanced Computer Replacement	2,486,654	-	95,000	50,000	-
Police	New Police Substation	6,000,000	21,928,446	5,000,000	-	-
Police	Police Facilities Repair/Remodel	250,000	350,000	775,000	-	-
Police	Protective and Emergency Preparedness Equipment	950,807	290,000	-	120,000	-
Police	Public Safety Communications Equipment Replacement	600,000	-	700,000	-	-
Solid Waste	Compressed Natural Gas Stations	-	3,000,000	2,000,000	-	-
Storm Drains	McKellips Storm Drain Improvements	-	-	-	-	1,587,259
Storm Drains	Mill Ave Drainage Improvements	116,000	-	133,000	1,246,512	-
Storm Drains	Roosevelt Storm Drains	1,583,353	8,877,647	-	-	-
Storm Drains	Watson Drive - Bonarden Lane Drainage Improvements	2,500,661	-	-	-	-

City of Tempe Fiscal Year 2023/24 Capital Improvements Program

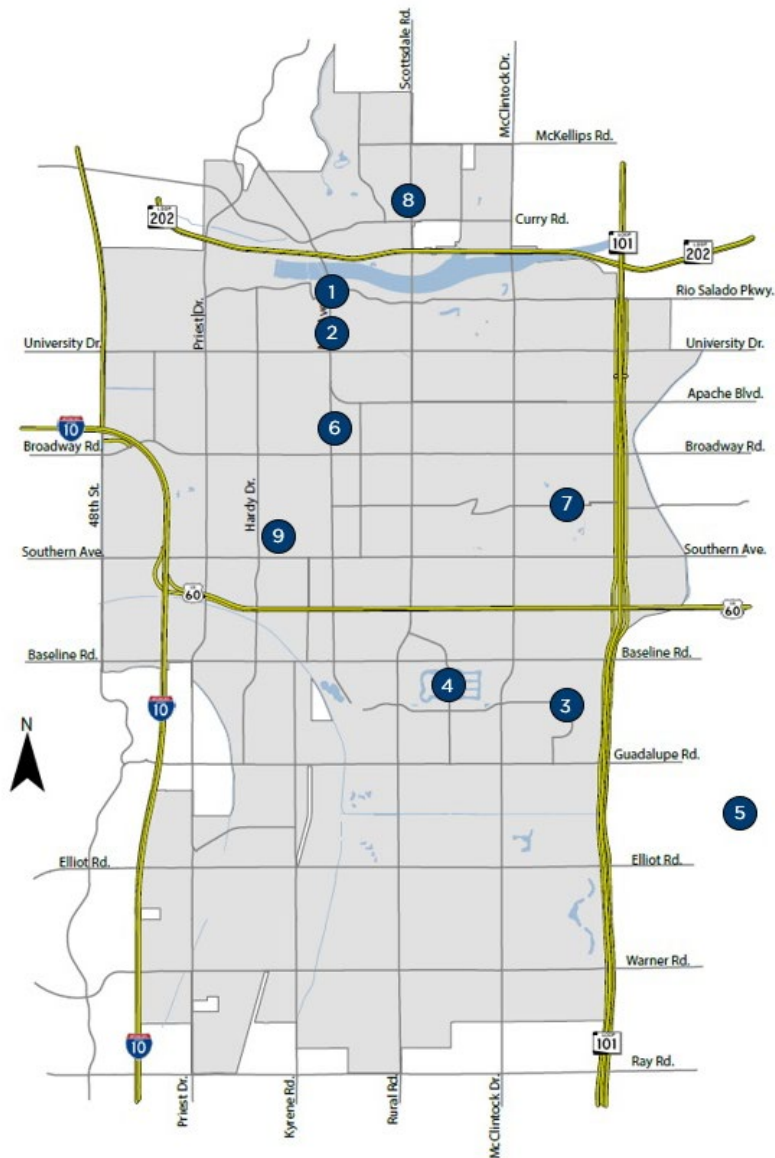
Traffic Signals	New Signals / Safety Upgrades	1,590,665	-	-	-	-
Traffic Signals	Priest Dr Fiber Project	-	-	250,000	2,050,000	-
Traffic Signals	Southern Ave Fiber Project	-	-	250,000	2,050,000	-
Traffic Signals	Traffic Management Center Upgrade	1,013,000	-	-	-	-
Transit	8th St Multi-Use-Path	492,813	1,462,376	-	-	-
Transit	Alameda Dr. Bicycle / Pedestrian / Streetscape	1,235,470	-	-	-	-
Transit	Country Club Way - US60 to UPRR	-	-	-	468,000	8,465,929
Transit	Country Club Way Bike & Pedestrian Improvement Project	6,576,452	-	-	-	-
Transit	Grand Canal Multi Use Path Connection & Extension Project	1,073,290	1,909,914	-	-	-
Transit	Rio Salado North Bank Multi-Use Path	180,000	1,430,000	-	-	-
Transit	Rio Salado Upstream Pedestrian Bridge	150,000	-	-	6,000,000	-
Transit	Scottsdale Rd Bicycle & Pedestrian Improvement Project	5,581,672	-	-	-	-
Transit	Tempe / Mesa Streetcar Extension	1,200,000	-	-	-	-
Transportation / ROW	5th St Streetscape (Farmer to College)	5,326,880	-	-	-	-
Transportation / ROW	City Hall Complex Restroom & Parking Reconfiguration	1,625,443	-	-	-	-
Transportation / ROW	Fire Medical Rescue Facilities Pavement Replacement	2,276,210	-	-	-	-
Transportation / ROW	Infrastructure Improvements Smith Innovation Hub	5,571,596	500,000	-	-	-
Transportation / ROW	Pedestrian & Bicycle Grade Separation - University & College	1,816,000	-	8,686,000	-	-
Transportation / ROW	Roundabout at College and McKellips	210,000	1,275,000	-	-	-
Transportation / ROW	Rural Rd & Baseline Rd Intersection Improvements	297,500	2,025,000	-	-	-
Transportation / ROW	Smith Rd at Rio Salado Pkwy and University Dr Redesign	250,000	1,800,000	-	-	-
Water	Advanced Metering Infrastructure (AMI) System Replacement	-	-	200,000	1,000,000	-
Water	Utility Billing System Replacement	-	100,000	800,000	200,000	-

Both the recurring and significant non-recurring projects included in the adopted five-year CIP are described under their respective program area in the FY 2023/24 through 2027/28 Capital Improvements Program Project Listing and Descriptions section.

Capital Improvement Projects Map

Location & Project Description

1. Downtown Improvements Plan - 5th Street Streetscapes
2. Downtown Improvements Plan - Festoon Lighting
3. Residential Street Re-pavement - Optimist Park Area
4. Residential Street Re-pavement - The Lake Neighborhoods
5. Bus Stop Capital Improvements - Citywide (various locations)
6. Municipal Arts Program
7. Country Club Way Multi-Use Path
8. Fire Medical Rescue Station 2
9. North Tempe Waterline Replacement



Capital Improvements Program Financing

As shown in the chart, Tempe's FY 2023/24 capital program is funded through a combination of bonds and other sources, including pay-as-you-go financing, outside revenues, grants, and capital project fund balances.

For FY 2023/24, the City plans to utilize approximately \$183 million in new general obligation (G.O.) bond proceeds for projects in the General Purpose and Transportation programs. Through the remainder of the five-year Capital Improvements Program, the City plans to issue an additional \$311.2 million in bonds for these purposes. Debt service on these bonds will be repaid by revenues from the City's secondary property taxes.

FY 2023/24 Source of Funds		
Funding Source	\$ Millions	% of Total
General Obligation Bonds	183.0	29%
Water / Wastewater Bonds	187.2	30%
Solid Waste Excise Bonds	20.0	3%
Outside Revenue	113.3	18%
Capital Project Fund Balances	52.3	8%
Development Impact Fees	13.1	2%
Pay-as-you-go	52.6	8%
Total	621.5	100%

It is important to note the total projected issuance amount of approximately \$494.2 million of G.O. bonds over the next five years reflects the City's estimated new debt capacity over this period as identified by staff within the parameters of the City's statutory debt limits, the City's property tax levy stabilization policy, and the City's debt management plan.

The City also plans to issue approximately \$187.2 million of new enterprise bonds in FY 2023/24 to finance the project costs in this program. User fee revenue will support the debt service costs on the enterprise bonds and excise taxes will support the debt service costs on the excise tax bonds.

FY 2023/24 capital budget funding sources other than bonds totals \$231.3 million. Pay-as-you-go funding is concentrated in the Enterprise, Special Purpose, General Purpose, and Transportation programs in the form of \$4.4 million in Arts and Culture funds, \$2.2 million in Water/Wastewater funds, \$1.3 million in Municipal Arts funds, \$7.8 million in Transit Tax funds, \$7.9 million in Highway User Revenue Fund funds, \$13.1 million in Solid Waste Excise Bonds, \$1.1 million in Emergency Medical Transport funds, \$593 thousand in Solid Waste funds and \$27.3 million from the General Fund. Outside revenue funding consists of \$30.0 million in federal funding, \$57.8 million in grant funding, \$13.1 million in development impact fees and \$35 million in miscellaneous revenue. The budgeted use of \$51.3 million capital project fund balances to finance projects represents the use of prior year cash balances and City operating fund contributions assigned to projects which were approved in prior years and re-appropriated for completion in FY 2023/24.

The FY 2023/24 capital budget funding sources for each project are described in further detail in the FY 2023/24 through 2027/28 Capital Improvements Program Project Listing and Descriptions section.

DEBT MANAGEMENT PLAN

In addition to the management of existing debt and associated reserves, the City also forecasts future debt within a framework of policy priorities and financial capacity. Current and anticipated capital improvement objectives, available operating revenue, tax base fluctuations, and reserve levels are all evaluated on an ongoing basis to estimate the extent to which the City may issue additional tax supported debt.

<i>Fitch</i>	AAA
<i>Standard & Poor's</i>	AAA

This active debt management ensures the City can readily assess long-term implications for its debt portfolio to make proactive decisions about how much new debt capacity is available today. Additionally, in support of the City's property tax stabilization policy, debt management economic models will continue to be updated annually and employed to monitor how fluctuations in annual secondary property tax levy amounts will necessitate the use of the City's debt service reserve and financing methods other than bonds in future years.

Debt management is also a key financial practice contributing to the maintenance of the City's favorable bond ratings. Tempe's current G.O. bond ratings are shown above. These high ratings translate directly into lower interest rates on the City's debt.

Long-Term Debt and Bond Authorization Summary

Remaining General Obligation Bond Authorizations July 1, 2023

	Original Authorization	Prior Issues	FY23 Issues	Remaining Authorization
2016 Voter Authorization				
Water / Wastewater	148,000,000	79,855,302	12,009,355	56,135,343
Public Safety	20,000,000	17,489,050	2,510,950	-
Community Services / Park Improvements	34,000,000	34,000,000		-
Municipal Infrastructure Preservation	27,000,000	27,000,000		-
Streets / Transportation / Storm Drains	25,000,000	25,000,000		-
Subtotal	254,000,000	183,344,352	14,520,305	56,135,343
2020 Voter Authorization				
Water / Wastewater	134,000,000	-	-	134,000,000
Streets / Transportation / Storm Drains	74,000,000	1,496,100	7,706,121	64,797,779
Public Safety - Police / Fire	34,000,000	-	8,297,636	25,702,364
Community Services / Park Improvements	44,891,900	11,407,500	19,015,103	14,469,297
Municipal Infrastructure Preservation	60,271,300	24,018,000	20,015,894	16,237,406
Subtotal	347,163,200	36,921,600	55,034,754	255,206,846
TOTAL	\$ 601,163,200	\$ 220,265,952	\$ 69,555,059	\$ 311,342,189

Outstanding Long-Term Debt Summary as of July 1, 2023

	2020	2021	2022	2023
General Obligation Bonds				
Water / Wastewater	185,795,463	163,289,583	195,886,353	183,085,392
Public Safety	49,663,150	48,245,000	47,340,000	51,320,000
Park Improvements	65,404,600	64,815,000	64,540,000	75,850,000
Library / Museum	4,725,000	4,250,000	3,755,000	3,260,000
Streets / Transportation / Storm Drains	48,491,050	50,965,000	59,330,000	60,195,000
Municipal Infrastructure Preservation	22,971,200	28,590,000	37,255,000	52,965,000
Total G.O. Debt Outstanding	377,050,463	360,154,583	408,106,353	426,675,392
Excise Tax Bonds				
Water / Wastewater	54,331,000	50,543,000	46,701,794	42,528,000
General Governmental	19,609,975	17,669,345	15,787,000	13,452,000
Arts & Culture	0	6,170,000	5,895,000	5,565,000
Transit	48,055,000	58,450,000	56,555,000	53,070,000
Rio Salado	8,185,000	5,530,000	2,894,345	0
Cemetery Enterprise	754,025	617,655	490,000	330,000
Total Excise Tax Debt Outstanding	130,935,000	138,980,000	128,323,139	114,945,000
Water Revenue Bonds	38,000,000	72,100,000	69,570,000	66,895,000
Special Assessment Bonds ⁽¹⁾	14,590,000	13,070,000	11,700,000	10,265,000
Section 108 Guaranteed Loan ⁽²⁾	2,524,000	2,062,000	1,580,000	1,076,000
Total Outstanding Long-Term Debt	\$563,099,463	\$586,366,583	\$619,279,492	\$619,856,392

Legal Bonded Debt Limits

Under Article 9, Section 8 of the Arizona State Constitution, cities may issue property tax secured debt (general obligation bonds) for purposes of water, wastewater, artificial light, open space preserves, parks, playgrounds and recreational facilities, public safety, law enforcement, fire and emergency services facilities and streets and transportation facilities up to an amount not exceeding 20% of limited assessed property value within the City.

Cities may also issue general obligation bonds for any purpose up to an amount not exceeding 6% of the limited assessed value. All bonds issued pursuant to Article 9, Section 8 are subject to authorization by a majority vote at a city bond election.

Legislation passed in May 2016 by the Arizona State Legislature, effective August 2016, which clarifies that the valuation for the calculation of the debt limits is the full cash (secondary) property value rather than the limited property value. As the secondary property value is higher than the limited property value, this change will further increase the City's positive debt to value ratio.

Actual debt limits are still calculated using the same methodology, only now they are based on the limited property value as follows:

**FY 2023/24
General Obligation Bonded Debt Limits June 30, 2023**

FY 2023/24	20%	6%
Constitutional Limitation (1)	689,049,692	206,714,908
GO Bonds Outstanding (2)	367,391,618	97,469,864
Debt Margin Available	321,658,074	109,245,044

(1) The constitutional bond limitations are based on the City's total 2022 Net Assessed Full Cash Value of \$3,445,248,462

(2) The outstanding amount includes \$38,186,091 of bond premiums generated in the sale of bonds for 20% and 6% purposes.

Capital Budget, Debt Service and Property Tax Rate Ten-Year Historical Trends

Fiscal Year	Budgeted Capital Improvements Program	Outstanding Principal	Debt Service Requirements P&I	Taxable Assessed Value (1)	% Change in Taxable Assessed Valuation	Property Tax Rate (2)		
						Primary	Secondary	Total
2014-15	150,438,466	648,803,554	86,635,375	1,627,720,901	7.6%	0.9231	1.5119	2.4350
2015-16	162,829,772	644,044,281	85,512,403	1,593,944,354	-2.1%	0.9334	1.5861	2.5195
2016-17	143,575,745	616,298,792	77,673,232	1,669,352,097	4.7%	0.9399	1.5900	2.5299
2017-18	190,921,855	595,736,661	76,127,786	1,774,236,710	6.3%	0.9246	1.5688	2.4934
2018-19	243,715,486	570,325,644	79,558,241	1,862,969,460	5.0%	0.9189	1.5046	2.4235
2019-20	258,841,913	554,645,363	74,960,053	2,010,523,408	7.9%	0.9010	1.5010	2.4020
2020-21	235,363,693	563,704,463	77,119,734	2,128,571,831	5.9%	0.8917	1.5042	2.3959
2021-22	335,931,234	586,366,583	79,368,630	2,269,183,586	6.6%	0.8852	1.4816	2.3668
2022-23	461,091,183	619,279,492	83,576,801	2,385,407,554	5.1%	0.8782	1.4997	2.3779
2023-24	621,508,957	619,856,392	90,625,439	2,484,369,283	4.1%	0.8776	1.5289	2.4065

(1) Prior to FY^ 2015/16, the Taxable Assessed Value was based on the Net Assessed Full Cash (Secondary) Value of all property in the City. Due to a Change in legislation (Proposition 117), the City is required to utilize the Net Assessed Limited (Primary) Value for property taxation purposes.

(2) Rater per \$100 net assessed value

This table provides a ten year overview of the total budgeted Capital Improvements Program, outstanding principal, debt service requirements on the outstanding principal. The City has strived to maintain relatively consistent outstanding principal amounts and debt service requirements with an upward trend as increases in taxable assessed values have allowed for increased property tax collections.

The City adopted a property tax stabilization policy in FY 2010/11 which established parameters for the amount of property taxes which may be collected each year. The policy allows the City to collect a predictable amount of property tax while property values fluctuate, by essentially allowing the property tax rate to “float”. This policy has provided the City a reliable and stable funding source for capital planning.

Outstanding Principal includes all forms of City debt, including general obligation, excise tax revenue, and enterprise revenue supported debt.

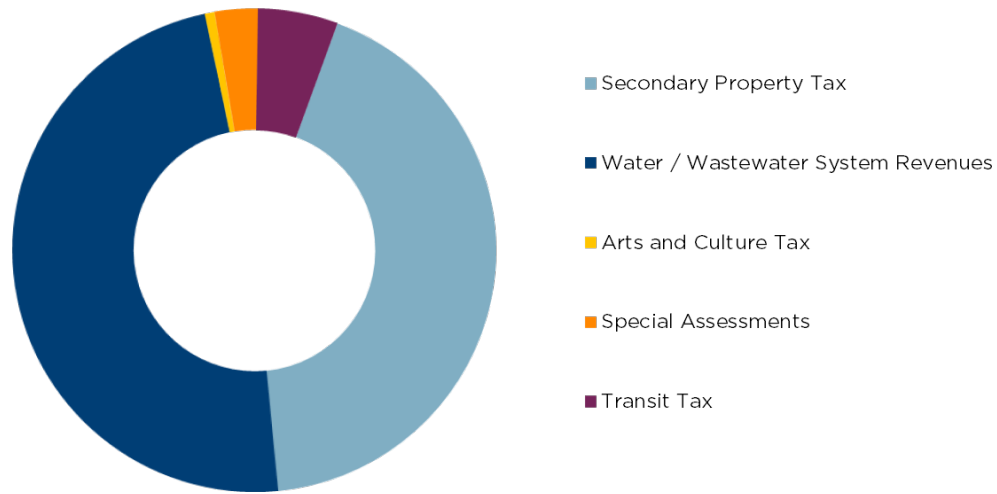
Prior to FY 2015/16, Arizona cities collected annual property taxes utilizing two property valuations which were used to calculate two separate but simultaneous property tax levies; the “limited” or primary valuation and levy, and the “secondary” or market valuation and levy. Taxes collected under the primary levy can be used for general operations of the City while taxes collected under the secondary levy can only be used to repay property tax secured debt.

Beginning in FY 2015/16, due to the passage Proposition 117, all property tax levies are now based on one valuation; the limited property valuation. Cities will still collect taxes via two separate levies, the primary and secondary, but each is now based on the same property valuation. Secondary property tax levy collections may still only be used to repay property tax secured debt.

Debt Service Appropriations by Fund

Program	FY 2023/24		Fiscal Agent Fees	Total
	Principal	Interest		
Debt Service Fund	29,761,107	10,549,287	418,500	40,728,894
Arts and Cultural Fund	345,000	234,250	2,500	581,750
Transit Fund	3,540,000	1,155,249	2,500	4,697,749
Water / Wastewater Fund	30,165,077	12,339,945	207,500	42,712,522
Special Assessments Fund	2,037,000	498,524	-	2,535,524
Total	\$ 65,848,184	\$ 24,777,255	\$ 631,000	\$ 91,256,439

Debt Service Appropriations by Revenue Source



Debt to Maturity Schedule

The following is a listing, by fund, of principal and interest payments for all outstanding debt, as of July 1, 2023 by fund.

Program	Principal	Interest	Total
Debt Service Fund			
FY23	21,195,000	4,292,295	25,487,295
FY24	26,910,000	5,239,380	32,149,380
FY25	20,860,000	4,527,534	25,387,534
FY26	15,945,000	4,088,233	20,033,233
FY27	16,205,000	3,782,425	19,987,425
FY28	16,825,000	3,470,830	20,295,830
FY29	16,335,000	3,149,574	19,484,574
FY30	13,440,000	2,834,636	16,274,636
FY31	12,825,000	2,569,369	15,394,369
FY32	13,365,000	2,296,108	15,661,108
FY33	12,890,000	2,010,425	14,900,425
FY34	9,930,000	1,732,246	11,662,246
FY35	8,780,000	1,516,478	10,296,478
FY36	9,170,000	1,320,588	10,490,588
FY37	8,655,000	1,124,293	9,779,293
FY38	9,020,000	937,393	9,957,393
FY39	9,420,000	742,140	10,162,140
FY40	7,825,000	523,320	8,348,320
FY41	6,695,000	356,570	7,051,570
FY42	5,325,000	200,850	5,525,850
FY43	3,170,000	79,250	3,249,250
Arts and Culture			
FY23	330,000	250,750	580,750
FY24	345,000	234,250	579,250
FY25	365,000	217,000	582,000
FY26	365,000	213,350	578,350
FY27	370,000	209,700	579,700
FY28	375,000	206,000	581,000
FY29	395,000	187,250	582,250
FY30	410,000	167,500	577,500
FY31	435,000	147,000	582,000
FY32	455,000	125,250	580,250
FY33	475,000	102,500	577,500
FY34	500,000	78,750	578,750
FY35	525,000	53,750	578,750
FY36	550,000	27,500	577,500
Transit Fund			
FY23	3,485,000	1,204,492	4,689,492
FY24	3,540,000	1,155,249	4,695,249
FY25	3,590,000	1,099,034	4,689,034
FY26	3,655,000	1,037,521	4,692,521
FY27	3,720,000	970,698	4,690,698
FY28	3,795,000	898,842	4,693,842
FY29	3,865,000	821,310	4,686,310
FY30	3,960,000	739,737	4,699,737
FY31	4,040,000	653,299	4,693,299
FY32	4,130,000	562,892	4,692,892
FY33	4,225,000	467,175	4,692,175
FY34	4,330,000	365,933	4,695,933
FY35	4,435,000	260,126	4,695,126
FY36	1,870,000	149,412	2,019,412
FY37	1,465,000	103,538	1,568,538
FY38	795,000	66,150	861,150
FY39	815,000	44,685	859,685
FY40	840,000	22,680	862,680

City of Tempe Fiscal Year 2023/24 Capital Improvements Program

Water / Wastewater Fund				
FY23	30,410,961	13,117,873	43,528,833	
FY24	29,875,077	11,775,945	41,651,022	
FY25	26,544,590	10,577,954	37,122,544	
FY26	23,806,508	9,556,048	33,362,556	
FY27	19,800,839	8,587,042	28,387,881	
FY28	20,655,595	7,773,802	28,429,396	
FY29	17,685,783	6,942,631	24,628,414	
FY30	15,015,000	6,268,503	21,283,503	
FY31	14,375,000	5,614,085	19,989,085	
FY32	12,615,000	4,987,655	17,602,655	
FY33	12,595,000	4,449,853	17,044,853	
FY34	11,060,000	3,877,463	14,937,463	
FY35	11,555,000	3,372,990	14,927,990	
FY36	12,085,000	2,845,060	14,930,060	
FY37	12,615,000	2,308,573	14,923,573	
FY38	11,600,000	1,756,178	13,356,178	
FY39	10,285,000	1,256,843	11,541,843	
FY40	8,805,000	797,818	9,602,818	
FY41	6,665,000	456,175	7,121,175	
FY42	4,110,000	164,400	4,274,400	
Special Assessments Fund				
FY23	1,435,000	549,125	1,984,125	
FY24	1,510,000	475,500	1,985,500	
FY25	1,585,000	398,125	1,983,125	
FY26	1,665,000	316,875	1,981,875	
FY27	1,745,000	231,625	1,976,625	
FY28	1,835,000	142,125	1,977,125	
FY29	1,925,000	48,125	1,973,125	
Total	\$ 651,094,352	\$ 168,285,645	\$ 819,379,997	

Capital Budget, Debt and Property Tax Levy Policy Statements

Capital Budget Policy

- Estimated costs, potential revenue and funding sources shall be identified prior to any project being submitted for Council approval. A department which anticipates a capital project exceeding its adopted budget shall submit a plan to Council addressing the issue for its prior approval.
- A five-year capital improvements program, as required by City Charter, will be developed, and updated annually including anticipated funding sources. In addition, a prior year capital project status report shall be presented to the Council for information purposes when the capital improvement budget is considered.
- The annual operating budget will provide for the adequate maintenance and the orderly replacement of the capital plant and equipment from current revenue where possible.
- Capital improvement operating budget impacts will be coordinated with the development of the Operating Budget. Future operating, maintenance, and replacement costs will be forecast as part of the City's annual long-range financial capacity study.
- The City may provide for internal, pay-as-you go financing for its capital improvement program. Funding may come from fund balance reserves or any other acceptable means of funding.

Debt Policy

- Debt will only be used to finance long term capital improvements and not be used to finance recurring operating expenses.
- In accordance with state law, the total value of General Obligation bonds issued for the purposes of water, wastewater, artificial light, open space preserves, parks, playgrounds, and recreational facilities, public safety, law enforcement, fire and emergency services facilities, and streets and transportation facilities cannot exceed 20% of assessed valuation. The total value of General Obligation bonds issued for all other purposes other than those listed above cannot exceed 6% of assessed valuation.
- Debt term should match the useful life of the capital project funded.
- Debt service schedules will be based upon level annual principal and interest payments.
- Overlapping debt issuances shall be included in the City's financial reports.
- Authorized debt shall be limited as follows unless authorization is obtained from the City council to exceed these limits
 - General obligation bonds shall follow the guidelines established in the Debt Management Plan
 - Excise tax bonds shall maintain annual revenue coverage of at least 3 times maximum annual debt service
 - Improvement District bonds shall not exceed 5% of the City's secondary assessed valuation
 - Short-term borrowing or lease / purchase contracts must be budgeted within the Operating Budget
- Benchmark ratios of per capita debt, debt service to operating revenue, and outstanding debt as a percent of full cash value will be updated regularly and incorporated into the Debt Management Plan.

Property Tax Levy Policy

- 1) The total annual secondary tax levy shall only be used to make debt service payments on bonds issued to fund capital projects approved by the City Council in the CIP and shall not exceed the amount necessary to meet annual payments of principal and interest, projected payments of principal and interest on new debt planned for the upcoming fiscal year, and a reasonable delinquency factor.
- 2) Secondary property tax levies shall be deposited into the Interest and Redemption (Debt Service) Fund, from which general purpose bonded debt payments are made. The Interest and Redemption (Debt Service) Fund shall be maintained in accordance with generally accepted accounting principles and shall have a fund balance between 4% and 8% of outstanding general purpose debt at the end of each fiscal year.
- 3) Projections of revenues and debt service payments shall be used to create an annual long-range forecast, of at least 20 years, for the Interest and Redemption (Debt Service) Fund. Projected debt service payments associated with the approved CIP shall not cause the projected Debt Service Fund balance to drop below 4% in any year of the forecast, applying levy projections that comply with this policy for each year of the forecast.

Fiscal Years 2023/24 through 2027/28 Capital Improvements Program
Project Listings and Descriptions



Enterprise Program

Water, Wastewater, and Solid Waste projects total \$198.8million in FY 2023/24 and account for 32% of the total FY 2023/24 appropriated CIP budget

The Enterprise component of the Capital Improvements Program consists of the Water, Wastewater, and Solid Waste programs. Combined, they constitute \$198.8 million of the \$621.5 million Capital Improvements Program for FY 2023/24.

The City's Capital Budget for the Water and Wastewater programs is driven primarily by planned infrastructure maintenance and replacement projects that support the City's long-term water and wastewater distribution, collection, and treatment capabilities. The primary funding source for these projects in FY 2023/24 is water and wastewater general obligation and revenue supported bonds. These bonds are repaid by user charges for service delivery in both programs.

The Solid Waste program contains a compost processing program and infrastructure maintenance and replacement projects.

The Golf program, previously under the Enterprise program, has been reorganized under the Parks Improvements program starting in FY24.



Solid Waste Program
FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined										
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
<u>Solid Waste Compress Natural Gas Stations</u>	N/A	Solid Waste Excise Bonds	-	-	-	3,000,000	2,000,000	-	-	5,000,000
Solid Waste Facilities Asset Management	3408789	Solid Waste Fund	281,394	70,129	351,523	73,635	77,317	81,183	85,242	668,900
Solid Waste Program Total			281,394	70,129	351,523	3,073,635	2,077,317	81,183	85,242	5,668,900

Capital Improvements Program

Solid Waste Compress Natural Gas Stations

Field Operations Tempe Municipal Ops Center

This project funds the contruction and installation of 46 slow fill compressed natural gas stations for solid waste equipment and collection vehicles. There are many benefits to the use of compressed natural gas (CNG). CNG engines are quieter and cleaner-burning. The City saves on price-stable natural gas fuel. CNG is typically half the price per gallon of diesel fuel. Installing slow fill stations will eliminate labor costs associated with fueling and allow for fuller tanks, which provide more miles on the road between fuel-ups. The dispensers will be located at the Tempe Municipal Opeartions Center.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.04 Achieve or exceed the Council adopted Solid Waste landfill diversion rates by the FY25/26.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	N/A		7/1/2024		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$3,000,000	\$2,000,000	\$0	\$0	\$5,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$3,000,000	\$2,000,000	\$0	\$0	\$5,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Solid Waste Excise Bonds	\$0	\$3,000,000	\$2,000,000	\$0	\$0	\$5,000,000
Total	\$0	\$3,000,000	\$2,000,000	\$0	\$0	\$5,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Solid Waste Facilities Asset Management

Field Operations (Priest Yard) and TMOc

This project is part of a long-term asset management plan to proactively plan for the replacement of building systems and equipment reaching the end of its useful life. This project includes various building systems and equipment, including flooring, roofing systems, heating, ventilation and air conditioning, water heaters and electrical systems for Solid Waste Services facilities. This project will be utilized to replace/renovate facilities-related systems to ensure performance and reliability.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	3408789		7/1/2017		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$351,523	\$73,635	\$77,317	\$81,183	\$85,242	\$668,900
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$351,523	\$73,635	\$77,317	\$81,183	\$85,242	\$668,900
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Solid Waste Fund	\$351,523	\$73,635	\$77,317	\$81,183	\$85,242	\$668,900
Total	\$351,523	\$73,635	\$77,317	\$81,183	\$85,242	\$668,900
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Wastewater Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
SROG - SAI, SRO, and 91st Ave WWTP	3222099	Water / Wastewater Bonds	-	10,598,000	10,598,000	16,449,000	14,235,000	14,878,000	14,745,000	70,905,000
		Development Impact Fees	-	-		750,000	750,000	750,000	750,000	3,000,000
		Project Total	-	10,598,000	10,598,000	17,199,000	14,985,000	15,628,000	15,495,000	73,905,000
Wastewater Collection System Upgrades and Improvements	3221099	Water / Wastewater Bonds	7,355,000	13,035,000	20,390,000	4,450,000	5,450,000	8,450,000	6,450,000	45,190,000
		Water / Wastewater Fund	-	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
		Project Total	7,355,000	13,335,000	20,690,000	4,750,000	5,750,000	8,750,000	6,750,000	46,690,000
Wastewater Conveyance System - Mechanical Stations Upgrades & Improvements	3223099	Water / Wastewater Bonds	1,886,310	7,445,000	9,331,310	2,610,000	4,600,000	2,300,000	2,000,000	20,841,310
		Water / Wastewater Fund	-	-	-	-	-	-	-	-
		Capital Projects Fund Balance	500,000	-	500,000	-	-	-	-	500,000
		Project Total	2,386,310	7,445,000	9,831,310	2,610,000	4,600,000	2,300,000	2,000,000	21,341,310
Water Reclamation Facilities Upgrades and Improvements	3224099	Water / Wastewater Bonds	4,500,000	13,375,000	17,875,000	7,500,000	-	500,000	1,000,000	26,875,000
		Federal Grants	-	3,125,000	3,125,000	21,000,000	4,000,000	-	-	28,125,000
		Project Total	4,500,000	16,500,000	21,000,000	28,500,000	4,000,000	500,000	1,000,000	55,000,000
Wastewater Program Total			14,241,310	47,878,000	62,119,310	53,059,000	29,335,000	27,178,000	25,245,000	196,936,310

Capital Improvements Program

SROG - SAI, SRO & 91st Ave. WWTP

Various

This program represents Tempe's investment in the Sub-Regional Operating Group (SROG) wastewater management infrastructure. Tempe currently generates approximately 19 million gallons per day of wastewater, which is conveyed via the Southern Avenue Interceptor (SAI) and Salt River Outfall (SRO) to the 91st Avenue Wastewater Treatment Plant (WWTP). These facilities are jointly owned by the Cities of Tempe, Phoenix, Mesa, Scottsdale and Glendale and are maintained and operated by the City of Phoenix. Tempe's share of SROG capital improvement project activities during this Capital Improvement Program (CIP) planning period will include rehabilitation of treatment plant process piping, biological treatment and solids handling facilities. Wastewater interceptor capacity improvements are also included in this CIP.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3222099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$10,598,000	\$17,199,000	\$14,985,000	\$15,628,000	\$15,495,000	\$73,905,000
Total	\$10,598,000	\$17,199,000	\$14,985,000	\$15,628,000	\$15,495,000	\$73,905,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$10,598,000	\$16,449,000	\$14,235,000	\$14,878,000	\$14,745,000	\$70,905,000
Wastewater Development Impact Fees	\$0	\$750,000	\$750,000	\$750,000	\$750,000	\$3,000,000
Total	\$10,598,000	\$17,199,000	\$14,985,000	\$15,628,000	\$15,495,000	\$73,905,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Wastewater Collection System Upgrades and Improvements

Various

This program provides a recurring funding source for wastewater collection system condition assessment and structural rehabilitation or replacement of infrastructure that has reached the end of its useful life. Municipal Utilities' long-term asset management program is intended to ensure reliable operation of City facilities, including its wastewater collection system, which includes approximately 500 miles of gravity sewer pipeline and over 10,000 manholes. Current program goals target the closed-circuit television (CCTV) inspection and assessment of 60 miles of pipeline and 1,000 manholes per year. Segments of the wastewater collection system determined to be at risk of failure within the next five to ten years are scheduled for rehabilitation within the current 5-year Capital Improvements Program. Projects are prioritized through risk assessment, which considers both structural condition (likelihood of failure) and pipeline criticality (consequences of failure). Pipes or manholes having the greatest potential consequences of failure, due to factors such as pipe size, depth of bury, proximity to major commercial areas or transit corridors or adjacency to hospitals or institutions of public health and safety, are deemed most critical.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3221099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$165,000	\$38,000	\$45,000	\$70,000	\$56,000	\$374,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$579,000	\$133,000	\$161,000	\$240,000	\$196,000	\$1,309,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$1,978,000	\$454,000	\$550,000	\$837,000	\$669,000	\$4,488,000
Survey / Staking	\$165,000	\$38,000	\$46,000	\$70,000	\$56,000	\$375,000
Inspection & Construction Management	\$1,154,000	\$265,000	\$321,000	\$488,000	\$390,000	\$2,618,000
Geotech / Material Testing	\$165,000	\$38,000	\$46,000	\$70,000	\$56,000	\$375,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$16,484,000	\$3,784,000	\$4,581,000	\$6,975,000	\$5,327,000	\$37,151,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$20,690,000	\$4,750,000	\$5,750,000	\$8,750,000	\$6,750,000	\$46,690,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$20,390,000	\$4,450,000	\$5,450,000	\$8,450,000	\$6,450,000	\$45,190,000
Water / Wastewater Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Total	\$20,690,000	\$4,750,000	\$5,750,000	\$8,750,000	\$6,750,000	\$46,690,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Wastewater Conveyance System - Mechanical Stations Upgrades and Improvements

Various

This program provides a recurring funding source for sewer collection system condition assessment and rehabilitation, or replacement of mechanical wastewater collection and conveyance system infrastructure that has reached the end of its useful life. Municipal Utilities' long-term asset management program is intended to ensure reliable operation of City facilities, including its wastewater collection and conveyance mechanical systems, which includes four sewage pumping stations, six flow diversion structures, two odor control biofilters and 11 permanent flow metering stations. Failure of wastewater collection and conveyance system mechanical stations could result in incorrect metering for service billing, odors and other nuisance conditions, sewer backups or overflows. This Capital Improvement Program planning period includes the condition assessment and rehabilitation of force mains and flow diversion structures, upgrades of existing metering stations and the planning, design and construction of new odor control facilities.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3223099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$77,000	\$21,000	\$37,000	\$18,000	\$16,000	\$169,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$275,000	\$73,000	\$129,000	\$64,000	\$56,000	\$597,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$940,000	\$249,000	\$440,000	\$220,000	\$191,000	\$2,040,000
Survey / Staking	\$78,000	\$21,000	\$37,000	\$18,000	\$16,000	\$170,000
Inspection & Construction Management	\$548,000	\$146,000	\$256,000	\$128,000	\$112,000	\$1,190,000
Geotech / Material Testing	\$78,000	\$21,000	\$37,000	\$18,000	\$16,000	\$170,000
Contingency	\$6,310	\$0	\$0	\$0	\$0	\$6,310
Construction / Installation / Improvement	\$7,829,000	\$2,079,000	\$3,664,000	\$1,834,000	\$1,593,000	\$16,999,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$9,831,310	\$2,610,000	\$4,600,000	\$2,300,000	\$2,000,000	\$21,341,310
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$9,331,310	\$2,610,000	\$4,600,000	\$2,300,000	\$2,000,000	\$20,841,310
Water / Wastewater Fund	\$0	\$0	\$0	\$0	\$0	\$0
Capital Project Fund Balance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total	\$9,831,310	\$2,610,000	\$4,600,000	\$2,300,000	\$2,000,000	\$21,341,310
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000
Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000

Capital Improvements Program

Water Reclamation Facilities Upgrades and Improvements

Kyrene WRF and Ken McDonald Golf Course

This program provides a funding source for expansion and improvement of the City's local reclaimed water infrastructure and groundwater recharge facilities. Currently, all the City's wastewater is conveyed to the Sub-Regional Operating Group 91st Avenue Wastewater Treatment Plant. Approximately 70 percent of Tempe's annual wastewater flow, and approximately 90 percent in the summertime, is committed for reuse at the Palo Verde Nuclear Generating Station, by the Buckeye Irrigation District and at the Tres Rios Constructed Wetlands. Reactivation of the Kyrene Water Reclamation Facility (KWRF) will enable the City to collect, treat and utilize the balance of its reclaimed water potential locally. This program includes funding for the planning, design and construction of new recharge wells and the reactivation of the KWRF. The recharge wells will be used to recharge available, treated excess surface water or reclaimed water from KWRF. It is anticipated that reactivation of the KWRF will occur in late 2025. This timing will be refined as Municipal Utilities staff continues monitoring wastewater flows, water use and surface water supplies, and evaluates the role of locally-generated reclaimed water as part of the City's assured water supply. This project is anticipated to receive Federal Water Resources Development Act (WRDA) funding for the project that will be administered through the Army Corps of Engineers.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3224099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$167,000	\$225,000	\$32,000	\$0	\$0	\$424,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$587,000	\$797,000	\$112,000	\$0	\$0	\$1,496,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$2,008,000	\$2,725,000	\$382,000	\$0	\$0	\$5,115,000
Survey / Staking	\$167,000	\$227,000	\$32,000	\$0	\$0	\$426,000
Inspection & Construction Management	\$1,171,000	\$1,590,000	\$223,000	\$0	\$0	\$2,984,000
Geotech / Material Testing	\$167,000	\$227,000	\$32,000	\$0	\$0	\$426,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$16,733,000	\$22,709,000	\$3,187,000	\$0	\$0	\$42,629,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$500,000	\$1,000,000	\$1,500,000
Total	\$21,000,000	\$28,500,000	\$4,000,000	\$500,000	\$1,000,000	\$55,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$17,875,000	\$7,500,000	\$0	\$500,000	\$1,000,000	\$26,875,000
Federal Grant Funding	\$3,125,000	\$21,000,000	\$4,000,000	\$0	\$0	\$28,125,000
Total	\$21,000,000	\$28,500,000	\$4,000,000	\$500,000	\$1,000,000	\$55,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$0	\$136,937	\$381,219	\$1,298,012	\$1,313,071	\$3,129,238
Supplies and Services	\$41,250	\$457,500	\$3,150,000	\$3,150,000	\$3,150,000	\$9,948,750
Capital Outlay	\$0	\$72,100	\$79,200	\$32,200	\$8,200	\$191,700
Total	\$41,250	\$666,537	\$3,610,419	\$4,480,212	\$4,471,271	\$13,269,688

Water Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are <u>underlined</u>										
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Advanced Metering Infrastructure (AMI) System Replacement	N/A	Water / Wastewater Fund	-	-	-	-	200,000	1,000,000	-	1,200,000
CAP Water Lease - WMAT Quantification Settlement Agreement	3208019	Water / Wastewater Bonds	-	-	-	3,509,912	477,478	477,478	477,478	4,942,346
		Development Impact Fees	-	-	-		400,000	400,000	400,000	1,200,000
		Project Total	-	-	-	3,509,912	877,478	877,478	877,478	6,142,346
Flood Irrigation Infrastructure Asset Maintenance	3207099	Water / Wastewater Bonds	240,000	250,000	490,000	500,000	500,000	500,000	500,000	2,490,000
		Water / Wastewater Fund	-	-	-	-	-	-	-	-
		Capital Projects Fund Balance	360,000		360,000	-	-	-	-	360,000
		Project Total	600,000	250,000	850,000	500,000	500,000	500,000	500,000	2,850,000
Meter Replacement Program	3209319	Water / Wastewater Fund	-	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
		Capital Projects Fund Balance	200,000	-	200,000	-	-	-	-	200,000
		Project Total	200,000	300,000	500,000	300,000	300,000	300,000	300,000	1,700,000
SCADA and Security Improvements	3204099	Water / Wastewater Bonds	4,250,000	-	4,250,000	2,120,000	1,845,000	1,600,000	1,150,000	10,965,000
		Water / Wastewater Fund	-	-	-	500,000	500,000	1,628,000	650,000	3,278,000
		Capital Projects Fund Balance	250,000		250,000	-	-	-	-	250,000
		Project Total	4,500,000	-	4,500,000	2,620,000	2,345,000	3,228,000	1,800,000	14,493,000
Utility Billing System Replacement	N/A	Water / Wastewater Fund	-	-	-	100,000	800,000	200,000	-	1,100,000
Water System Pumping Stations, Reservoirs & Tanks	3203099	Water / Wastewater Bonds	650,000	3,100,000	3,750,000	2,700,000	-	-	-	6,450,000
		Water / Wastewater Fund	-	-	-	225,000	200,000	225,000	450,000	1,100,000
		Capital Projects Fund Balance	490,000	-	490,000	-	-	-	-	490,000
		Project Total	1,140,000	3,100,000	4,240,000	2,925,000	200,000	225,000	450,000	8,040,000
Water Transmission & Distribution System	3202099	Water / Wastewater Bonds	14,600,000	22,450,000	37,050,000	21,807,000	21,807,000	21,807,000	24,576,000	127,047,000
		Water / Wastewater Fund	-	1,000,000	1,000,000	200,000	200,000	200,000	200,000	1,800,000
		Capital Projects Fund Balance	900,000	-	900,000	-	-	-	-	900,000
		Project Total	15,500,000	23,450,000	38,950,000	22,007,000	22,007,000	22,007,000	24,776,000	129,747,000
Water Treatment Plant Asset Maintenance & Upgrades	3208099	Water / Wastewater Bonds	20,000,000	39,460,000	59,460,000	33,700,000	2,600,000	14,000,000	61,950,000	171,710,000

Water Program

FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined				New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations			2024-25	2025-26	2026-27	2027-28	
Water Utility Buildings Asset Management	3206099	Water / Wastewater Bonds	-	3,750,000	3,750,000	2,000,000	1,200,000	1,200,000	1,200,000	9,350,000
		Water / Wastewater Fund	-	-	-	-	-	1,200,000	-	1,200,000
		Capital Projects Fund Balance	2,300,000	-	2,300,000	-	-	-	-	2,300,000
		Project Total	2,300,000	3,750,000	6,050,000	2,000,000	1,200,000	2,400,000	1,200,000	12,850,000
Wells - Asset Maintenance & New Production	3205099	Water / Wastewater Bonds	11,000,000	9,274,000	20,274,000	6,030,000	4,915,000	11,166,000	3,881,000	46,266,000
		Water / Wastewater Fund	-	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
		Capital Projects Fund Balance	200,000	-	200,000	-	-	-	-	200,000
		Development Impact Fees	-	800,000	800,000	800,000	800,000	800,000	800,000	4,000,000
		Project Total	11,200,000	10,574,000	21,774,000	7,330,000	6,215,000	12,466,000	5,181,000	52,966,000
Water Program Total			55,440,000	80,884,000	136,324,000	74,991,912	37,244,478	57,203,478	97,034,478	402,798,346

Capital Improvements Program

Advanced Metering Infrastructure (AMI) System Replacement

Various

The purpose of this project is to provide a funding source for replacement of the City's Advanced Metering Infrastructure (AMI), automated water meter reading system. The Customer Service Division of Internal Services converted the City's system of collecting water meter readings to AMI, beginning in 2016. Full implementation was completed in 2019. AMI provides an enhanced service to utility customers through greater meter reading accuracy, overall customer service and potential leak detection on customer accounts.

Integration of AMI with WaterSmart allows customers to self-monitor their water usage and charges, providing an additional customer service tool. AMI supports the City's Cost of Service rate structure by accurately analyzing water usage in each customer classification, thereby allowing for the development of a proportional and data driven water rate structure. The life expectancy of AMI technology components is approximately 12-15 years. This will be a multi-year project, starting with \$200,000 in FY 2025-26, for analysis, with the assistance of consultant, to inform the decision-making process and begin replacement in FY2026-27.



Primary City Council Priority and Performance Measure Addressed



Strong Community
Connection

2.02 Achieve satisfaction ratings of "Very Satisfied" or "Satisfied" with the "Quality of Customer Service" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	New		7/1/2025		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$200,000	\$1,000,000	\$0	\$1,200,000
Total	\$0	\$0	\$200,000	\$1,000,000	\$0	\$1,200,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Fund	\$0	\$0	\$200,000	\$1,000,000	\$0	\$1,200,000
Total	\$0	\$0	\$200,000	\$1,000,000	\$0	\$1,200,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

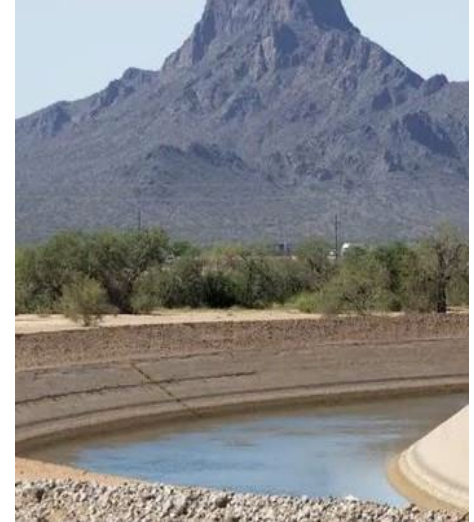
Capital Improvements Program

CAP Water Lease - WMAT Quantification Settlement Agreement

Citywide

City Council adopted, by resolution, the White Mountain Apache Tribe (WMAT) Quantification Settlement Agreement (QSA) and authorized the execution of a long-term, 100-year lease of WMAT Central Arizona Project (CAP) water for Tempe (2,481 acre-feet/year). The enforceability date of the agreement is anticipated to be in Fiscal Year 2022-23. The terms of the water lease agreement provide payment of 50 percent of the total amount of the 100-year lease 30 days after the enforceability date, followed by four annual payments of 12.5 percent each, until paid in full.

The WMAT QSA, and the associated Congressional Act, resolve long-standing water disputes and provide greater water supply certainty for Tempe and all parties in the future. The WMAT CAP Water Lease Agreement provides Tempe the opportunity to further diversify and add to its water resources portfolio for the future through the lease of CAP water under a long-term contract.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth &
Development

4.21 Placeholder - Park Eco-System Health

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3208019		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$3,509,912	\$877,478	\$877,478	\$877,478	\$6,142,346
Total	\$0	\$3,509,912	\$877,478	\$877,478	\$877,478	\$6,142,346
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Fund	\$0	\$3,509,912	\$477,478	\$477,478	\$477,478	\$4,942,346
Water Development Impact Fees	\$0	\$0	\$400,000	\$400,000	\$400,000	\$1,200,000
Total	\$0	\$3,509,912	\$877,478	\$877,478	\$877,478	\$6,142,346
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Flood Irrigation Infrastructure Asset Maintenance

Various

The Flood Irrigation System Asset Maintenance Program has provided a recurring funding source for the repair and replacement of system pipelines and delivery structures that have reached the end of their useful life. This program has been part of the Municipal Utilities' long-term asset management efforts to ensure reliable operations of approximately 23 miles of irrigation pipelines that serve 16 City parks and approximately 850 residential customers. In the last five years, approximately three miles of pipeline have been rehabilitated utilizing cured-in-place pipe rehabilitation techniques. Lines chosen for rehabilitation were selected based on input from irrigation staff, identifying lines subject to frequent leaks. These recent efforts have now addressed all portions of the neighborhood system which had posed significant operational challenges. It has been more than a decade since any other portions of the flood irrigation network have been cleaned, inspected and assessed for structural defects. This program will continue to focus on the condition assessment, maintenance and repair of those pipelines which provide flood irrigation water to City parks. Pipelines that supply water to City parks will be identified, inspected, assessed and prioritized for rehabilitation, as necessary. Where necessary, this project will construct standpipes or pressure manholes to facilitate maintenance and inspection access to all pipelines supplying City parks.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3207099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$850,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,850,000
Total	\$850,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,850,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$490,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,490,000
Water / Wastewater Fund	\$0	\$0	\$0	\$0	\$0	\$0
Capital Project Fund Balance	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Total	\$850,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,850,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Meter Replacement Program

Various

This project provides a recurring funding source for the purchase of new and replacement revenue generating water meters, advanced meter infrastructure (AMI) endpoints and equipment and meter boxes that have been in service past their useful life. As they age, meters tend to under-report flows. By improving meter read accuracy, this project will help decrease inaccurately accounted for water, ensure accurate billing and increase water enterprise fund revenue. Industry studies confirm that water meters of all sizes decrease in read accuracy over time, particularly at low volume flows. This results in inaccurate data regarding consumption and inaccurate billing. The water industry recommends regular testing of water meters and, based on test results, cost-benefit analyses and manufacturer warranty periods, replacement of meters approximately every 10-12 years. The City currently maintains approximately 43,000 water meters up to 10-inch in size (approximately 38,000 meters between 5/8-inch and 2-inch).



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3209319		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$500,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,700,000
Total	\$500,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,700,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Capital Project Fund Balance	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total	\$500,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,700,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

SCADA, Electrical and Security Improvements

Various

This project provides a funding source for improvements and upgrades to the Supervisory Control and Data Acquisition (SCADA) System, electrical and security systems for all operational areas of the Water Utilities Division. Improvements and upgrades include those recommended in both the SCADA Master Plan and the EPA-mandated Risk and Resilience Assessment and Emergency Response Plan. This project includes the following major areas of work: update and standardization of computer hardware and software at all treatment plants and field sites (groundwater wells, wastewater lift stations and wastewater metering stations), a global SCADA software system update and redesign, treatment plant and field site automation upgrades, field site communication upgrades, upgrade and replacement of security infrastructure, and electrical systems evaluation and improvements, including Arc Flash updates to meet recommended National Fire Protection Association (NFPA) safety standards.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

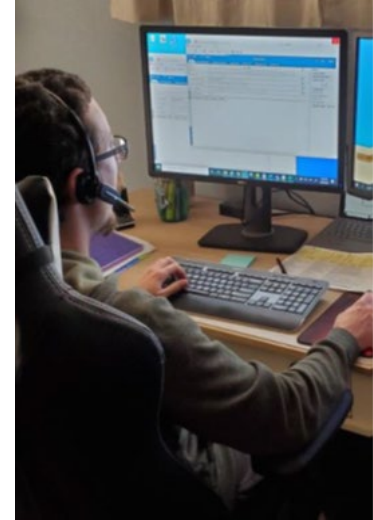
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3204099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$32,000	\$19,000	\$17,000	\$23,000	\$12,000	\$103,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$198,000	\$115,000	\$103,000	\$142,000	\$79,000	\$637,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$391,000	\$228,000	\$204,000	\$281,000	\$157,000	\$1,261,000
Survey / Staking	\$33,000	\$19,000	\$17,000	\$23,000	\$13,000	\$105,000
Inspection & Construction Management	\$228,000	\$133,000	\$119,000	\$164,000	\$91,000	\$735,000
Geotech / Material Testing	\$33,000	\$19,000	\$17,000	\$23,000	\$13,000	\$105,000
Contingency	\$326,000	\$190,000	\$170,000	\$234,000	\$130,000	\$1,050,000
Construction / Installation / Improvement	\$3,259,000	\$1,897,000	\$1,698,000	\$2,338,000	\$1,305,000	\$10,497,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$4,500,000	\$2,620,000	\$2,345,000	\$3,228,000	\$1,800,000	\$14,493,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$4,250,000	\$2,120,000	\$1,845,000	\$1,600,000	\$1,150,000	\$10,965,000
Water / Wastewater Fund	\$0	\$500,000	\$500,000	\$1,628,000	\$650,000	\$3,278,000
Capital Project Fund Balance	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$4,500,000	\$2,620,000	\$2,345,000	\$3,228,000	\$1,800,000	\$14,493,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$245,296	\$247,548	\$250,064	\$252,712	\$255,450	\$1,251,070
Supplies and Services	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000
Total	\$251,296	\$253,548	\$256,064	\$258,712	\$261,450	\$1,281,070

Capital Improvements Program

Utility Billing System Replacement

Various

The purpose of this project is to provide a funding source for replacement of the City's Utility Billing System, Customer Care and Billing (CC&B), with Customer to Meter (C2M, Cloud product). The current billing system is Oracle-based and has served the City well over the years. As the City continues moving toward Cloud-based services, C2M will provide this functionality with improved interfaces, additional functionality and improved customer satisfaction.



Primary City Council Priority and Performance Measure Addressed



Strong Community Connection

2.02 Achieve satisfaction ratings of "Very Satisfied" or "Satisfied" with the "Quality of Customer Service" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	New		7/1/2025		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$100,000	\$800,000	\$200,000	\$0	\$1,100,000
Total	\$0	\$100,000	\$800,000	\$200,000	\$0	\$1,100,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Fund	\$0	\$100,000	\$800,000	\$200,000	\$0	\$1,100,000
Total	\$0	\$100,000	\$800,000	\$200,000	\$0	\$1,100,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Water System Pumping Stations, Reservoirs & Tanks

Various

The purpose of this project is to rehabilitate or replace aging water system infrastructure that includes elevated water storage tanks, booster pump stations and interconnects with other Cities throughout the water distribution system. Scheduled projects include: annual asset maintenance at booster pump stations, reconstruction of the Phoenix Interconnect Booster Station and water storage reservoir asset maintenance.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

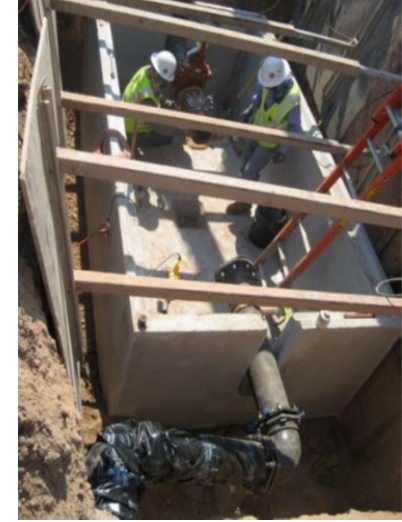
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3203099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$30,000	\$21,000	\$0	\$0	\$0	\$51,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$105,000	\$76,000	\$0	\$0	\$0	\$181,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$358,000	\$261,000	\$0	\$0	\$0	\$619,000
Survey / Staking	\$30,000	\$22,000	\$0	\$0	\$0	\$52,000
Inspection & Construction Management	\$209,000	\$152,000	\$0	\$0	\$0	\$361,000
Geotech / Material Testing	\$30,000	\$22,000	\$0	\$0	\$0	\$52,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,988,000	\$2,171,000	\$0	\$0	\$0	\$5,159,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$490,000	\$200,000	\$200,000	\$225,000	\$450,000	\$1,565,000
Total	\$4,240,000	\$2,925,000	\$200,000	\$225,000	\$450,000	\$8,040,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$3,750,000	\$2,700,000	\$0	\$0	\$0	\$6,450,000
Water / Wastewater Fund	\$0	\$225,000	\$200,000	\$225,000	\$450,000	\$1,100,000
Capital Project Fund Balance	\$490,000	\$0	\$0	\$0	\$0	\$490,000
Total	\$4,240,000	\$2,925,000	\$200,000	\$225,000	\$450,000	\$8,040,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Water Transmission and Distribution System

Various

This project provides a recurring funding source for upgrades, repairs or replacement of existing water system infrastructure that has not been included in a planned rehabilitation program. The purpose of this program is to rehabilitate or replace aging water system infrastructure including waterlines, valves and fire hydrants. Each year of the Capital Improvement Program (CIP) planning period includes funding for waterline replacement projects, based on waterline break history, pipe age and material of construction. Waterline replacement projects are coordinated with the City's pavement management program to maximize the use of CIP dollars and minimize the impact to residents. Waterline replacement projects are also coordinated with the City's Information Technology Department and Intelligent Transportation Systems to install conduit for information and communication systems, where needed. Valve and fire hydrant replacements are coordinated with valve and fire hydrant asset maintenance programs. Tempe's water transmission and distribution system consists of over 860 miles of waterline, which ranges in size from four inches to sixty-six inches in diameter, with over 26,000 valves and approximately 9,000 fire hydrants. Based on historical spending associated with unscheduled repair or replacement work, approximately \$1.0M per year has been budgeted for this purpose. Other projects identified are part of Municipal Utilities' long-term asset management program to ensure reliable operations. In addition, appropriate funding for major projects, which includes the replacement of five to 10 miles of waterline per project and focuses on areas with a high frequency of failures, is included. These projects take approximately three years to complete, including design and construction.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

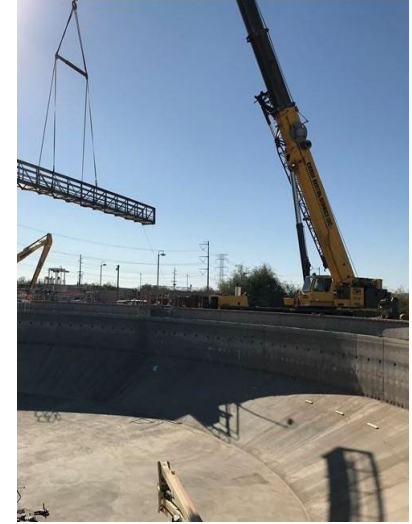
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3202099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$268,000	\$308,000	\$308,000	\$257,000	\$257,000	\$1,398,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$983,000	\$995,000	\$1,073,000	\$835,000	\$913,000	\$4,799,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$4,541,000	\$749,000	\$3,440,000	\$749,000	\$3,440,000	\$12,919,000
Survey / Staking	\$269,000	\$308,000	\$308,000	\$257,000	\$257,000	\$1,399,000
Inspection & Construction Management	\$1,887,000	\$2,156,000	\$2,156,000	\$1,801,000	\$1,801,000	\$9,801,000
Geotech / Material Testing	\$269,000	\$308,000	\$308,000	\$257,000	\$257,000	\$1,399,000
Contingency	\$291,000	\$0	\$0	\$0	\$0	\$291,000
Construction / Installation / Improvement	\$26,942,000	\$15,233,000	\$12,464,000	\$15,901,000	\$15,901,000	\$86,441,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$3,500,000	\$1,950,000	\$1,950,000	\$1,950,000	\$1,950,000	\$11,300,000
Total	\$38,950,000	\$22,007,000	\$22,007,000	\$22,007,000	\$24,776,000	\$129,747,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$37,050,000	\$21,807,000	\$21,807,000	\$21,807,000	\$24,576,000	\$127,047,000
Water / Wastewater Fund	\$1,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,800,000
Capital Project Fund Balance	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Total	\$38,950,000	\$22,007,000	\$22,007,000	\$22,007,000	\$24,776,000	\$129,747,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Water Treatment Plant Asset Maintenance and Upgrades

Various

Due to the size and complexity of systems at the City's water treatment plants, ongoing asset maintenance is necessary to ensure operational reliability. This project provides a recurring funding source for replacement and rehabilitation, as well as upgrades, to water treatment plant processes as they are identified. Funding is for improvements identified during the recently completed Water Treatment Plant Assessment. This assessment included development of a long-term capital improvement project to address replacement of equipment at the end of its useful life, rehabilitate aging systems to ensure efficient and reliable operations and upgrade existing systems, as needed, to meet federal and state water quality requirements. This program includes funding for concrete rehabilitation and the addition of Granular Activated Carbon (GAC) treatment systems at both water treatment plants. GAC treatment is required to both meet federal water quality requirements for disinfection by-products in the distribution system and to reduce or eliminate operational use of groundwater for water quality purposes, thereby reserving groundwater for future potential drought conditions that may reduce supplies of surface water.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3208099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$472,000	\$268,000	\$124,000	\$486,000	\$303,000	\$1,653,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$1,662,000	\$942,000	\$436,000	\$1,705,000	\$1,064,000	\$5,809,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$5,685,000	\$3,222,000	\$922,000	\$5,832,000	\$3,639,000	\$19,300,000
Survey / Staking	\$473,000	\$269,000	\$124,000	\$486,000	\$303,000	\$1,655,000
Inspection & Construction Management	\$3,317,000	\$1,880,000	\$870,000	\$3,402,000	\$2,123,000	\$11,592,000
Geotech / Material Testing	\$473,000	\$269,000	\$124,000	\$486,000	\$303,000	\$1,655,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$47,378,000	\$26,850,000	\$0	\$1,603,000	\$54,215,000	\$130,046,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$59,460,000	\$33,700,000	\$2,600,000	\$14,000,000	\$61,950,000	\$171,710,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$59,460,000	\$33,700,000	\$2,600,000	\$14,000,000	\$61,950,000	\$171,710,000
Total	\$59,460,000	\$33,700,000	\$2,600,000	\$14,000,000	\$61,950,000	\$171,710,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$750,000	\$750,000	\$750,000	\$750,000	\$3,000,000
Total	\$0	\$750,000	\$750,000	\$750,000	\$750,000	\$3,000,000

Capital Improvements Program

Water Utility Buildings Asset Management

Various

This program will fund major building repairs and replacement of building assets at all Water Utility Facilities. In coordination with Facilities Maintenance, this program has been developed as an ongoing replacement strategy for floors, roofing, HVAC, sprinkler systems, elevators, etc., to ensure reliable operations. In addition to the above asset maintenance work associated with this program, funding includes a remodel of the Plant Administration and the Environmental Services Buildings at the South Tempe Water Treatment Plant.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3206099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$22,000	\$8,000	\$8,000	\$8,000	\$8,000	\$54,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$77,000	\$28,000	\$28,000	\$28,000	\$28,000	\$189,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$263,000	\$96,000	\$96,000	\$96,000	\$96,000	\$647,000
Survey / Staking	\$22,000	\$8,000	\$8,000	\$8,000	\$8,000	\$54,000
Inspection & Construction Management	\$153,000	\$56,000	\$56,000	\$56,000	\$56,000	\$377,000
Geotech / Material Testing	\$22,000	\$8,000	\$8,000	\$8,000	\$8,000	\$54,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,191,000	\$796,000	\$796,000	\$1,996,000	\$796,000	\$6,575,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$3,300,000	\$1,000,000	\$200,000	\$200,000	\$200,000	\$4,900,000
Total	\$6,050,000	\$2,000,000	\$1,200,000	\$2,400,000	\$1,200,000	\$12,850,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$3,750,000	\$2,000,000	\$1,200,000	\$1,200,000	\$1,200,000	\$9,350,000
Water / Wastewater Fund	\$0	\$0	\$0	\$1,200,000	\$0	\$1,200,000
Capital Project Fund Balance	\$2,300,000	\$0	\$0	\$0	\$0	\$2,300,000
Total	\$6,050,000	\$2,000,000	\$1,200,000	\$2,400,000	\$1,200,000	\$12,850,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Wells - Asset Maintenance and New Production

Various

The purpose of this project is to add new groundwater production and recovery well capacity to Tempe's water system for back-up water production, supplemental drought supply, water quality blending and emergency preparedness. This program will provide funding for the drilling and equipping of new production wells and replacement and major rehabilitation of existing wells, which includes the addition of wellhead treatment where required. Also included in this project is annual asset maintenance and minor rehabilitation of existing groundwater wells. Municipal Utilities will continue its partnership with Salt River Project to connect their wells to Tempe's system to add additional groundwater production for purposes of drought resiliency and emergency preparedness. Tempe's water system is better served with a greater level of potable water production redundancy between surface water treatment plants and groundwater wells. Increasing groundwater and recovery well production capacity provides a higher level of operational redundancy and a back-up water supply during droughts, emergencies or surface water conditions that require the use of groundwater wells as a supplemental supply. The goal is to increase groundwater production capacity over time to meet the average daily water demand of the service area and to meet buildout conditions based on the current approved General Plan development densities.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	3205099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$159,000	\$62,000	\$52,000	\$108,000	\$38,000	\$419,000
Land Acquisition	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Permit / Agency Fees	\$524,000	\$198,000	\$158,000	\$348,000	\$145,000	\$1,373,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$1,858,000	\$348,000	\$816,000	\$240,000	\$830,000	\$4,092,000
Survey / Staking	\$202,000	\$59,000	\$44,000	\$108,000	\$38,000	\$451,000
Inspection & Construction Management	\$1,037,000	\$416,000	\$306,000	\$756,000	\$268,000	\$2,783,000
Geotech / Material Testing	\$149,000	\$59,000	\$44,000	\$108,000	\$38,000	\$398,000
Contingency	\$654,000	\$250,000	\$430,000	\$0	\$0	\$1,334,000
Construction / Installation / Improvement	\$16,791,000	\$5,938,000	\$4,365,000	\$10,798,000	\$3,824,000	\$41,716,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total	\$21,774,000	\$7,330,000	\$6,215,000	\$12,466,000	\$5,181,000	\$52,966,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Water / Wastewater Bonds	\$20,274,000	\$6,030,000	\$4,915,000	\$11,166,000	\$3,881,000	\$46,266,000
Water / Wastewater Fund	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Capital Project Fund Balance	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Water Development Impact Fees	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$4,000,000
Total	\$21,774,000	\$7,330,000	\$6,215,000	\$12,466,000	\$5,181,000	\$52,966,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$0	\$0	\$81,029	\$82,309	\$83,678	\$247,016
Supplies and Services	\$0	\$0	\$103,000	\$203,000	\$203,000	\$509,000
Capital Outlay	\$0	\$0	\$67,800	\$2,800	\$2,800	\$73,400
Total	\$0	\$0	\$251,829	\$288,109	\$289,478	\$829,416

Special Purpose Program

Arts & Culture, Municipal Arts and Transit projects total \$52.7 million in FY 2023/24 and account for 8% of the total FY 2023/24 appropriated CIP budget

The Special Purpose component of the Capital Improvements Program accounts for all projects included under a program area with a legally dedicated funding source. Arts & Culture and Municipal Arts Program, funded by a one cent City sales tax, and the Transit Program, funded by one-half cent City sales tax (the Transit Tax), are the City's special revenue program areas with capital projects in FY 2023/24. Combined, they constitute \$52.7 million of the \$621.5 million Capital Improvements Program for FY 2023/24.

The Arts & Culture and Municipal Arts Program entails unique features and programs that enrich the community in addition to the management of a long-term art asset plan.

Transit projects are focused on major multi use path projects and transit capital asset maintenance and repair.



Arts and Culture Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Arts and Culture Asset Restoration (formerly Tempe Center for the Arts Asset Restoration)	5710229	Arts and Culture Fund	-	1,354,000	1,354,000	738,000	1,405,000	1,360,000	1,650,000	6,507,000
		Capital Projects Fund Balance	3,636,966	-	3,636,966					3,636,966
		Project Total	3,636,966	1,354,000	4,990,966	738,000	1,405,000	1,360,000	1,650,000	10,143,966
Arts and Culture Contingency	N/A	Arts and Culture Fund	-	3,000,000	3,000,000	-	-	-	-	3,000,000
Tempe Center for the Arts Roof Repair and Restoration	5710349	Arts and Culture Fund	-	-	-	-	-	-	-	-
		Capital Projects Fund Balance	716,860	-	716,860	-	-	-	-	716,860
		Project Total	716,860	-	716,860	-	-	-	-	716,860
Arts and Culture Program Total			4,353,826	4,354,000	8,707,826	738,000	1,405,000	1,360,000	1,650,000	13,860,826

Capital Improvements Program

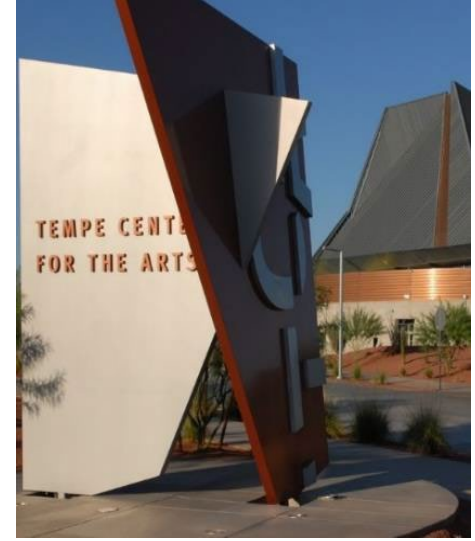
Arts & Culture Asset Restoration

Tempe Center for the Arts; Tempe History Museum; Edna Arts

This project funds the repair and replacement of major equipment, infrastructure, and subsystems in the Tempe Center for the Arts, History Museum, Edna Vihel Arts Center and several historic properties on a life cycle basis.

Projects include:

- FY 23/24: Library Campus electronic signage; TCA chillers, plumbing, orchestra shell repairs, theatrical lighting console, signage; History Museum signage, loading dock security updates, Petersen House construction estimates; Edna Arts improvements
- FY 24/25: TCA controller system updates, audio equipment, roof and architectural lighting, emergency generator and HVAC; Petersen House storage; Edna Arts improvements
- FY 25/26: TCA Office carpet, security cameras, Clearcom system, emergency generators; Petersen House project
- FY 26/27: HVAC updates, badge access system update, LED lighting conversion
- FY 27/28: TCA Security Camera system updates; life cycle Theater acoustic shell replacement; Theater lighting, sound, and rigging updates; life cycle lobby carpet replacement



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

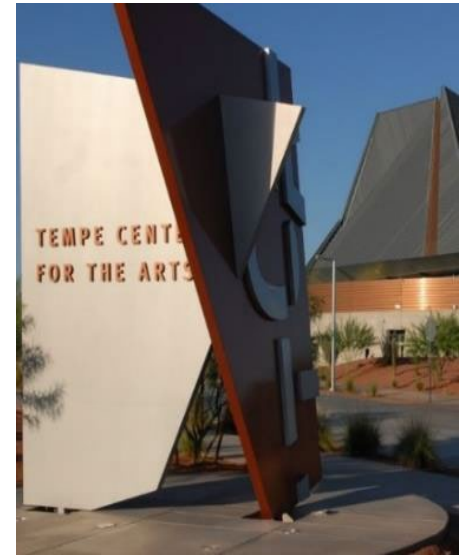
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5710229		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$4,990,966	\$738,000	\$1,405,000	\$1,360,000	\$1,650,000	\$10,143,966
Total	\$4,990,966	\$738,000	\$1,405,000	\$1,360,000	\$1,650,000	\$10,143,966
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Arts & Culture Fund	\$1,354,000	\$738,000	\$1,405,000	\$1,360,000	\$1,650,000	\$6,507,000
Capital Project Fund Balance	\$3,636,966	\$0	\$0	\$0	\$0	\$3,636,966
Total	\$4,990,966	\$738,000	\$1,405,000	\$1,360,000	\$1,650,000	\$10,143,966
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Arts & Culture Contingency

Tempe Center for the Arts

The Arts & Culture Division has some potential large-scale capital projects in the near future, including addressing structural faults in the TCA reflecting pond that have resulted in leaks and damage to the pond and surrounding areas. TCA is proceeding in FY23 with an investigative study to determine the extent of the damage and the scope of work; by FY24 a decision will need to be made on how to move forward. This request establishes a contingency fund to cover the costs of this and other unanticipated expenses as they arise.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	N/A		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Arts & Culture Fund	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

TCA Roof Repair & Restoration

Tempe Center for the Arts; Tempe History Museum; Edna Arts

This project has repaired significant deficiencies in the roof of the Tempe Center for the Arts (TCA). Due to the unique architectural style and complexity of the varying roof types at the TCA facility, a specialized architectural consultant was hired to conduct the investigative phase in 2020 and provide options for the repair work. The scope of this project included removal of certain sections of the roof that are failing and replace with a different material, removal and replacement of all metal flashing and trim, removal and replacement of all metal roof panels, and repair or enhancement of other roof components to prevent future risk of failure.

This project is complete, but there is some reappropriation of funds necessary to cover ancillary costs like adjusting the lighting on the new roof.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5710349		Ongoing		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$716,860	\$0	\$0	\$0	\$0	\$716,860
Total	\$716,860	\$0	\$0	\$0	\$0	\$716,860
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$716,860	\$0	\$0	\$0	\$0	\$716,860
Total	\$716,860	\$0	\$0	\$0	\$0	\$716,860
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Municipal Arts Program

FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Tempe Municipal Arts Program	6699799	Municipal Arts Fund	-	1,275,000	1,275,000	1,490,000	1,160,000	1,110,000	1,110,000	6,145,000
		Capital Projects Fund Balance	2,055,655	-	2,055,655	-	-	-	-	2,055,655
		Project Total	2,055,655	1,275,000	3,330,655	1,490,000	1,160,000	1,110,000	1,110,000	8,200,655
Municipal Arts Program			2,055,655	1,275,000	3,330,655	1,490,000	1,160,000	1,110,000	1,110,000	8,200,655

Capital Improvements Program

Tempe Municipal Arts Program

Citywide

Tempe creates an enduring legacy by funding public art and art in all its forms through the Municipal Arts fund. In 2015 the Tempe Arts & Culture Master Plan, reflecting input from community members and stakeholders, created a community vision for the delivery of arts and culture services throughout Tempe. One of the defining features of this vision is engaging the community in planning and delivering services through which Tempe defines itself with unique features and programs, enriching the community and drawing visitors and business. The activities funded by the Municipal Arts fund are instrumental in realizing this plan. The variety of art forms and installations provide a unique sense of place. The Municipal Arts Fund provides for commissions and acquisitions of temporary and permanent works of public art, arts experiences, and opportunities for artists to take part in projects that provide a living wage.

Among the projects that receive funding through this fund are temporary public art such as the IN FLUX projects; new permanent, capital public art projects; public art maintenance; professional development for artists; arts programs and projects to enhance visibility of the art and to share resources with other commissioning agencies; art exhibitions in community gallery spaces; and the administrative services necessary to implement this work.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6699799		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$3,330,655	\$1,490,000	\$1,160,000	\$1,110,000	\$1,110,000	\$8,200,655
Total	\$3,330,655	\$1,490,000	\$1,160,000	\$1,110,000	\$1,110,000	\$8,200,655
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Municipal Arts Fund	\$1,275,000	\$1,490,000	\$1,160,000	\$1,110,000	\$1,110,000	\$6,145,000
Capital Project Fund Balance	\$2,055,655	\$0	\$0	\$0	\$0	\$2,055,655
Total	\$3,330,655	\$1,490,000	\$1,160,000	\$1,110,000	\$1,110,000	\$8,200,655
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Transit Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
8th Street Multi-Use Path (Creamery Branch Rail Path)	6007139	Transit Tax	-	150,000	150,000	83,355	-	-	-	233,355
		Capital Projects Fund Balance	342,813	-	342,813	-	-	-	-	342,813
		Federal Grants	-	-	-	1,379,021	-	-	-	1,379,021
		Project Total	342,813	150,000	492,813	1,462,376	-	-	-	1,955,189
<u>Adaptive Streets Implementation</u>	6011171	Transit Tax	-	100,000	100,000	-	-	-	-	100,000
Alameda Drive & I-10 Bicycle / Pedestrian Bridge	6010009	Capital Projects Fund Balance	220,000	-	220,000	-	-	-	-	220,000
Alameda Drive Bicycle/Pedestrian/Streetscape	6008799	Transit Tax	0	250,000	250,000	-	-	-	-	250,000
		Capital Projects Fund Balance	525,000	-	525,000	-	-	-	-	525,000
		Federal Grants	460,470	-	460,470	-	-	-	-	460,470
		Project Total	985,470	250,000	1,235,470	-	-	-	-	1,235,470
<u>Bicycle Pedestrian Bridge at Knox and I-10</u>	6011181	Transit Tax	-	250,000	250,000	-	-	-	-	250,000
Bus Pullout Project	6008519	Transit Tax	-	234,740	234,740	234,740	234,740	234,740	234,740	1,173,700
		Capital Projects Fund Balance	1,814,495	-	1,814,495	-	-	-	-	1,814,495
		Development Impact Fees	-	65,260	65,260	65,260	65,260	65,260	65,260	326,300
		Project Total	1,814,495	300,000	2,114,495	300,000	300,000	300,000	300,000	3,314,495
Bus Stop Capital Maintenance/Improvements	6005239	Transit Tax	-	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
		Capital Projects Fund Balance	1,769,006	-	1,769,006	-	-	-	-	1,769,006
		Project Total	1,769,006	750,000	2,519,006	750,000	750,000	750,000	750,000	5,519,006
Country Club Way Bike and Pedestrian Improvements Project	6008969	Transit Tax	-	120,000	120,000	-	-	-	-	120,000
		Capital Projects Fund Balance	407,814	-	407,814	-	-	-	-	407,814
		Federal Grants	6,048,638	-	6,048,638	-	-	-	-	6,048,638
		Project Total	6,456,452	120,000	6,576,452	-	-	-	-	6,576,452
<u>Country Club Way - US60 to UPRR</u>	N/A	Transit Tax	-	-	-	-	-	218,000	4,965,929	5,183,929
		Federal Grants	-	-	-	-	-	250,000	3,500,000	3,750,000
		Project Total	-	-	-	-	-	468,000	8,465,929	8,933,929
EVBOM - Facility Asset Maintenance (East Valley Bus Ops/Maint Facility)	6006089	Transit Tax	-	1,550,000	1,550,000	1,300,000	1,300,000	1,300,000	1,300,000	6,750,000
		Capital Projects Fund Balance	3,530,896	-	3,530,896	-	-	-	-	3,530,896
		Grants/Other	-	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
		Project Total	3,530,896	1,750,000	5,280,896	1,500,000	1,500,000	1,500,000	1,500,000	11,280,896
Federal Grants & Project Contingency	6009860	Transit Tax	-	500,000	500,000	-	-	-	-	500,000
		Capital Projects Fund Balance	-	-	-	-	-	-	-	-
		Federal Grants	-	2,000,000	2,000,000	-	-	-	-	2,000,000
		Project Total	-	2,500,000	2,500,000	-	-	-	-	2,500,000

Transit Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Grand Canal Multi-Use Path Connection & Extension Project	6008979	Transit Tax	-	100,000	100,000	-	-	-	-	100,000
		Capital Projects Fund Balance	578,290	-	578,290	-	-	-	-	578,290
		Federal Grants	395,000	-	395,000	1,909,914	-	-	-	2,304,914
		Project Total	973,290	100,000	1,073,290	1,909,914	-	-	-	2,983,204
Kyrene Road/Roosevelt Road/Farmer Avenue Bicycle and Pedestrian Improvement Project (formerly North South Rail Spur MUP)	6007089	Transit Tax	-	450,000	450,000	-	235,738	-	-	685,738
		Capital Projects Fund Balance	291,613	-	291,613	-	-	-	-	291,613
		Federal Grants	-	-	-	-	2,315,065	-	-	2,315,065
		Development Impact Fees	-	-	-	-	35,754	-	-	35,754
		Project Total	291,613	450,000	741,613	-	2,586,557	-	-	3,328,170
Light Rail Capital Maintenance - State of Good Repair	6010019	Transit Tax	-	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
		Capital Projects Fund Balance	1,498,998	-	1,498,998	-	-	-	-	1,498,998
		Project Total	1,498,998	500,000	1,998,998	500,000	500,000	500,000	500,000	3,998,998
Pathway Capital Maintenance	6005249	Transit Tax	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
		Capital Projects Fund Balance	2,500,000	-	2,500,000	-	-	-	-	2,500,000
		Project Total	2,500,000	1,500,000	4,000,000	1,500,000	1,500,000	1,500,000	1,500,000	10,000,000
Proposition 400 Extension Projects	6010759	Transit Tax	-	-	-	250,000	250,000	250,000	-	750,000
		Capital Projects Fund Balance	400,000	-	400,000	-	-	-	-	400,000
		Prop 400E	-	-	-	-	250,000	250,000	-	500,000
		Project Total	400,000	-	400,000	250,000	500,000	500,000	-	1,650,000
<u>Reno-EnVision Center Building</u>	6011019	Transit Tax	-	-	-	-	-	-	-	-
		Capital Projects Fund Balance	633,863	-	633,863	-	-	-	-	633,863
		Project Total	633,863	-	633,863	-	-	-	-	633,863
Rio Salado North Bank Multi Use Path	6008579	Transit Tax	-	120,000	180,000	630,000	-	-	-	810,000
		Capital Projects Fund Balance	60,000	-	-	-	-	-	-	-
		Federal Grants	-	-	-	800,000	-	-	-	800,000
		Project Total	60,000	120,000	180,000	1,430,000	-	-	-	1,610,000
Rio Salado Upstream Pedestrian Bridge	6011191	Transit Tax	-	150,000	150,000	-	-	500,000	-	650,000
		Developer Assistance/Contribution	-	-	-	-	5,500,000	-	-	5,500,000
		Project Total	-	150,000	150,000	-	-	6,000,000	-	6,150,000
Scottsdale Rd Bicycle & Pedestrian Improvement Project	6009749	Transit Tax	-	419,513	419,513	-	-	-	-	419,513
		Capital Projects Fund Balance	167,050	-	167,050	-	-	-	-	167,050
		Federal Grants	-	4,995,109	4,995,109	-	-	-	-	4,995,109
		Project Total	167,050	5,414,622	5,581,672	-	-	-	-	5,581,672
<u>Tempe Mesa Streetcar Extension</u>	6011059	Transit Tax	-	-	-	-	-	-	-	-
		Capital Projects Fund Balance	1,200,000	-	1,200,000	-	-	-	-	1,200,000
		Project Total	1,200,000	-	1,200,000	-	-	-	-	1,200,000

Transit Program

FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

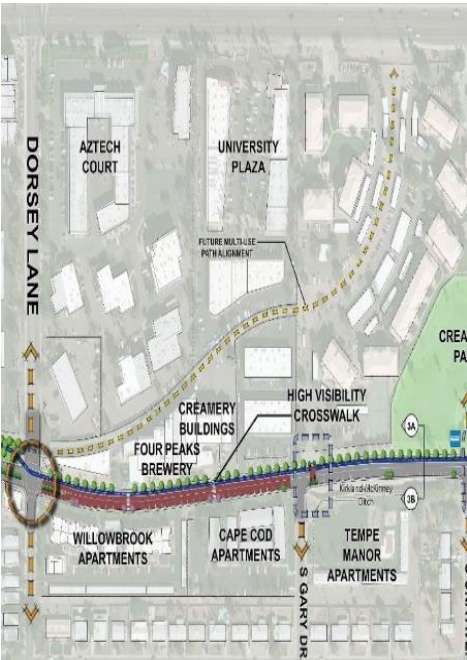
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Transit Tax Funded Projects										
Archaeological Contingency Fund	6009759	Transit Tax		124,154	124,154	-	-	-	-	124,154
		Capital Projects Fund Balance	275,846		275,846					275,846
		Project Total	275,846	124,154	400,000	-	-	-	-	400,000
Transportation Master Plan	6010769	Transit Tax		100,000	100,000	-	-	-	-	100,000
		Capital Projects Fund Balance	500,000		500,000					500,000
		Project Total	500,000	100,000	600,000	-	-	-	-	600,000
TTC - Facility Asset Maintenance (Transportation Center)	6006099	Transit Tax		400,000	400,000	400,000	400,000	400,000	400,000	2,000,000
		Capital Projects Fund Balance	2,045,625		2,045,625					2,045,625
		Project Total	2,045,625	400,000	2,445,625	400,000	400,000	400,000	400,000	4,045,625
Transit Program Total			25,665,417	15,028,776	40,694,193	10,002,290	8,036,557	11,918,000	13,415,929	84,066,969

Capital Improvements Program

8th Street Multi-Use Path (Creamery Branch Rail Path)

8th Street - Rural Road to McClintock Drive

This project will design and construct streetscape improvements along 8th Street from Rural Road to McClintock Drive. The 8th Street improvements will propose increased shade, pedestrian lighting, traffic calming, ADA directional ramps, and improved bike lanes and sidewalks. The project will better integrate with historic structures while encouraging appropriate redevelopment on vacant lots or deteriorating structures. Eighth Street spans a significant prehistoric archaeological site and was the location of the Bankhead Highway. In addition, the Borden Creamery Complex (Four Peaks), the Elias-Rodriguez House, Marlatt's Garage, and the Kirkland-McKinney Ditch are all located along 8th Street. The archeological consultant working on the project has completed the required archaeological review and identified mitigation measures approved by SRPMIC, The Four Southern Tribes, ADOT, and SHPO. Additional environmental work will still need to be completed prior to project construction. In addition, the project will require additional design changes to accommodate the recommended mitigation measures from the archeological study. These additional steps will delay the project delivery to FY 24-25. The project has successfully gone through the MAG 3rd deferral process to move the federal funding to FY 2024-2025. Additional \$150,000 is being requested to complete the design process. The additional funds will also include hiring an O'odham artist with tribal experience or an Ethnographer to the design team as recommended by the Tempe Historic Preservation Officer. The schedule of project is being adjusted to match the deferred schedule of federal funds.



Primary City Council Priority and Performance Measure Addressed

	Quality of Life	3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.
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Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6007139		7/1/2015		12/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$310,000	\$0	\$0	\$0	\$0	\$310,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$1,462,376	\$0	\$0	\$0	\$1,462,376
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$182,813	\$0	\$0	\$0	\$0	\$182,813
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$492,813	\$1,462,376	\$0	\$0	\$0	\$1,955,189
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$150,000	\$83,355	\$0	\$0	\$0	\$233,355
Federal Funding	\$0	\$1,379,021	\$0	\$0	\$0	\$1,379,021
Capital Project Fund Balance	\$342,813	\$0	\$0	\$0	\$0	\$342,813
Total	\$492,813	\$1,462,376	\$0	\$0	\$0	\$1,955,189
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000
Total	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000

Capital Improvements Program

Adaptive Streets Implementation

Citywide

In 2022, the Engineering and Transportation Division completed a guide for the implementation of Adaptive Streets. The intent of this program is to provide a process for temporarily adapting or changing the public right-of-way to fit the needs of the community, showcase innovative new ways to utilize our streets and generally rethink how the ROW is used. The guidelines include several strategies to adapt the way we use Tempe's streets including decorative sidewalks, painted pavement, temporary bulb-outs, temporary shade, parklets, alternative curbside use, open streets and temporary transit lanes. The program allows community members and businesses the opportunity to partner on implementing one of the strategies identified. This CIP would help supplement the funding of this program by partnering with the community to implement smaller adaptive streets items.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6011171		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Alameda Drive & I-10 Bicycle/Pedestrian Bridge

Alameda Drive and I10 & Baseline Road and I10

This project is for art and associated infrastructure for the bicycle and pedestrian bridge along the Alameda Drive and Baseline Road alignment at the I-10 freeway and includes lighting, safety features and public art. The project will be an elevated active transportation crossing of the I-10 connecting from Fountainhead Business Park (east side) to Tempe Diablo Stadium (west side). It will link several Tempe neighborhoods and bikeways, particularly the bike route along Alameda Drive to major employment centers, the stadium, and a City of Phoenix bike route on Roeser Road. Currently, Alameda Drive (Roeser Street in Phoenix) is more than 20-mile bike route that has linkages to downtown Phoenix and Tempe, but is cut in half at the I-10 crossing. In addition, the second bicycle and pedestrian bridge at Baseline will extend Tempe's Western Canal Path from Gilbert, Mesa and Chandler.to Phoenix. The projects will facilitate freeway crossing, similar to the College Avenue and Country Club Way bike/pedestrian bridges over the U.S. 60. This project is identified in MAG, ADOT and local transportation plans and will be constructed with ADOT's Broadway Curve - I10 Improvement project scheduled on the years 2021-2024. Tempe's contribution will fund aesthetic and art treatments for the bridges.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6010009		7/1/2020		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Total	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Total	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000
Total	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000

Capital Improvements Program

Alameda Drive Bicycle/Pedestrian/Streetscape

Alameda Drive -(48th Street to Rural Road)

This project is under construction. The project aims to improve three miles of this collector street so that it is more comfortable for bicyclists and pedestrians. The project includes improved street crossings, medians, bike lanes, landscaping, lighting, and ADA improvements such as new sidewalks and directional ramps. The project links to the City of Phoenix routes with existing bike lanes, to Tempe Diablo Stadium and to the Alameda Bicycle and Pedestrian bridge to be completed with the ongoing I-10 Broadway Road improvement project. It also connects older Tempe neighborhoods, major industrial areas, employment centers, redeveloping areas, and the Tempe Maker District to other major regional bikeways. The project will transform an auto oriented corridor into a premier walking and bicycling facility in accordance with the Maricopa Association of Governments Pedestrian Design Guidelines, Tempe's Transportation Master Plan, and Bicycle Boulevard Plan. The project will provide an improved non-motorized access to Tempe Diablo Stadium and create a more friendly multi-modal street for all users. The project was previously deferred to FY22/23 due to the need to replace and relocate a waterline. The project was originally funded with Federal Transportation Alternatives Grant (a program through the USDOT) of \$1.597 million with a local match from the

Photo Coming Soon

Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6008799		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$182,000	\$0	\$0	\$0	\$0	\$182,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$343,000	\$0	\$0	\$0	\$0	\$343,000
Construction / Installation / Improvemer	\$460,470	\$0	\$0	\$0	\$0	\$460,470
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$1,235,470	\$0	\$0	\$0	\$0	\$1,235,470
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Federal Funding	\$460,470	\$0	\$0	\$0	\$0	\$460,470
Capital Project Fund Balance	\$525,000	\$0	\$0	\$0	\$0	\$525,000
Total	\$1,235,470	\$0	\$0	\$0	\$0	\$1,235,470
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$7,000	\$7,000	\$7,000	\$7,000	\$28,000
Total	\$0	\$7,000	\$7,000	\$7,000	\$7,000	\$28,000

Capital Improvements Program

Bicycle/Pedestrian Bridge at Knox and I-10 Freeway and Multi-use path connection

Knox Road at I-10 Freeway

As part of the I-10 improvements, a shared use bicycle/pedestrian bridge will be designed and built by ADOT with MAG regional funds at Knox Road and I-10. In addition to the 2 shared use bridges at Alameda Drive and Baseline Road, a third shared use bridge at Knox Road will start preliminary design in FY 2023-2024. The proposed bridge will provide a non-motorized connection between the Cities of Tempe, Phoenix, Chandler, and the Town of Guadalupe. The design and construction cost of the project will be fully funded with MAG regional funds. The local CIP funds being requested will be used for adding public art as well as the construction of the connection from the Knox Shared Use bridge to the Highline Canal Multi-use path.



Primary City Council Priority and Performance Measure Addressed



Quality of Life 3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6011181		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$0	\$5,000	\$5,000	\$10,000
Capital Outlay	\$0	\$0	\$0	\$5,000	\$5,000	\$10,000
Total	\$0	\$0	\$0	\$10,000	\$10,000	\$20,000

Capital Improvements Program

Bus Pullout Project

Citywide

This project is to fund the design and construction of bus pullouts citywide. Bus pullouts are installed to provide more comfortable boarding and alighting for transit users, as well as to provide an area for buses to pull out of traffic and allow freer flow of traffic movement, thereby improving intersection delays city wide. A 2016 Council adopted program of pullouts identified up to 129 locations citywide, with roughly 40 high priority locations. The high priority locations are identified at high traffic and traffic congested intersections that also have high ridership and / or safety issues related to the intersection. This program is anticipated to decrease the financial needs in later years as the priority locations are completed. Partnerships with new private development in the city will be a primary method for funding future pullouts.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6008519		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,114,495	\$300,000	\$300,000	\$300,000	\$300,000	\$3,314,495
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,114,495	\$300,000	\$300,000	\$300,000	\$300,000	\$3,314,495
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$234,740	\$234,740	\$234,740	\$234,740	\$234,740	\$1,173,700
Development Impact Fees	\$65,260	\$65,260	\$65,260	\$65,260	\$65,260	\$326,300
Capital Project Fund Balance	\$1,814,495	\$0	\$0	\$0	\$0	\$1,814,495
Total	\$2,114,495	\$300,000	\$300,000	\$300,000	\$300,000	\$3,314,495
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Bus Stop Capital Maintenance & Improvements

Citywide

This project provides funding for ongoing replacement of retired or damaged bus shelters, installation of new shelters and all other bus stop amenities city wide. The city has 800+ bus stops with 350+- shelters. Other bus stop amenities include seating, trash receptacles, bike racks, solar lighting, schedule holders, signs, and concrete pads. New shelter designs will be completed in FY 22 and will begin to be installed in the city. All installs or upgrades include ADA compliance. The purpose of this project is to maintain existing bus stop conditions in good working order and condition and to expand the overall inventory of shelters to be at all bus stops in the future. The project intends to continue expanding the shade, seating and overall comfort of the public transportation system in order to assist in ridership retention and growth.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6005239		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,519,006	\$750,000	\$750,000	\$750,000	\$750,000	\$5,519,006
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,519,006	\$750,000	\$750,000	\$750,000	\$750,000	\$5,519,006
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Capital Project Fund Balance	\$1,769,006	\$0	\$0	\$0	\$0	\$1,769,006
Total	\$2,519,006	\$750,000	\$750,000	\$750,000	\$750,000	\$5,519,006
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Country Club Way Bike and Pedestrian Improvements Project

Country Club Way :Warner Road-US60)

The project will design and construct the first 3.5 miles of a seven-mile on/off-street bike boulevard from ASU Research Park/Warner Road to the US-60 bike/ped bridge, generally along Country Club Way. The first 3.5 miles will include public art, enhanced sidewalks, shared use path, bike lanes, signalized street intersections, mid-block crossings, raised medians, improved shading, and landscaping. The new facility will reduce vehicle and bicyclist/pedestrian conflicts, introduce bike lanes and a multi-use path.. All facility improvements included with the project will be ADA/MUTCD/AASHTO compliant. Improvements will also include repairs identified in the ADA Transition Plan. The project will provide a sustainable and safe bicycle and pedestrian connection to major employment, educational facilities and shopping centers. This project is listed in the Transportation Master Plan and Tempe General Plan 2040 and implements the general plan goal of achieving the 20-Minute City. The estimated total construction of the project is \$6,444,038 and is funded with 94.3% or \$6,048,638 federal grant and 5.7% or \$365,600 Transit Tax. The project has been obligated and expected to start construction in spring of 2023.



Primary City Council Priority and Performance Measure Addressed



Quality of Life 3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6008969		7/2/2020		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$6,456,452	\$0	\$0	\$0	\$0	\$6,456,452
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$120,000	\$0	\$0	\$0	\$0	\$120,000
Total	\$6,576,452	\$0	\$0	\$0	\$0	\$6,576,452
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$120,000	\$0	\$0	\$0	\$0	\$120,000
Federal Funding	\$6,048,638	\$0	\$0	\$0	\$0	\$6,048,638
Capital Project Fund Balance	\$407,814	\$0	\$0	\$0	\$0	\$407,814
Total	\$6,576,452	\$0	\$0	\$0	\$0	\$6,576,452
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
Total	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000

Capital Improvements Program

Country Club Way - US60 to UPRR

Country Club Way between Meadow and Cairo

In 2017, the city received a design assistance grant for the initial assessment of Country Club Way from Warner Rd to the Tempe Town Lake. The initial analysis was completed and since that time, individual segments of the corridor have advanced. This project would be for the design and construction of the remaining portion of Country Club Way from the US60 to the UPRR crossing. Separate from the design assistance grant, Country Club Way from Cairo Drive to Meadow Drive, was identified in a 2021 Maryanne Corder Neighborhood Grant Application to fill a need for landscape/environment/traffic calming implementations and improvements. The consultant design team comprised of landscape architects and transportation engineers conducted a field review and obtaining survey for the study area. Considering the physical geometry of Country Club Way, the design team developed initial concepts based on the input received from the neighborhood association. Concepts were evaluated by the neighborhood through public engagement which consisted of a virtual meeting to present the information and answer questions, followed by accompanying stakeholder opinion surveys. A preferred concept was identified in consultation with the neighborhood group and other stakeholders. The selected concept advanced to 15% design plans and cost estimate. This project would take the design concept produced by the grant project along with the initial concepts developed in 2017 and bring the project to 100% design and construction.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2026		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$5,000	\$80,000	\$85,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$13,000	\$232,000	\$245,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$450,000	\$250,000	\$700,000
Survey / Staking	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$455,000	\$455,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Contingency	\$0	\$0	\$0	\$0	\$168,929	\$168,929
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$6,500,000	\$6,500,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$650,000	\$650,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$468,000	\$8,465,929	\$8,933,929
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$0	\$0	\$0	\$218,000	\$4,965,929	\$5,183,929
Federal Grants	\$0	\$0	\$0	\$250,000	\$3,500,000	\$3,750,000
Total	\$0	\$0	\$0	\$468,000	\$8,465,929	\$8,933,929
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$0	\$0	\$168,000	\$168,000
Total	\$0	\$0	\$0	\$0	\$168,000	\$168,000

Capital Improvements Program

EVBOM - Facility Asset Maintenance (East Valley Bus Operations and Maintenance facility)

2050 E Rio Salado Parkway

This project involves the ongoing repair and replacement needs for the EVBOM facility in accordance with the Transit Asset Management plan as required by the Federal Transit Administration. The facility is the bus operations center for Tempe and most of the East Valley bus service. Tempe contracts with Valley Metro for bus service who hires a vendor; both VM and the vendor (First Transit) are tenants of the building. Approximately 500 bus operators and 250 buses operate out of the facility. Bus fleet repairs, washing, fueling, and all administrative staff utilize the facility. Additionally, the facility provides fueling services for other city department fleets. The facility operates 24/7/365. Built in 2007 the facility is now entering the asset management phase of its life cycle. In FY 24 and into FY 25 a project to replace the maintenance building evaporative coolers and associated water treatment systems is planned, and all other expenses related to this facility are typical life cycle repair and replacement needs to keep the facility operational for Tempe and East Valley bus systems. In FY 24, a project to replace the office furniture in high-use areas within the facility will be completed, as well as a project to replace up to five sets of portable bus lifts, as well as a roofing replacement project. Additionally, this project will account for the required local match required in conjunction with federal and regional funding for necessary infrastructure improvements related to an initial electric bus investment, pending award of FTA funding. All modifications to the building include an effort toward improving sustainable practices. Annual lease agreements with VM help to share costs for this facility with VM and the other East Valley cities.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

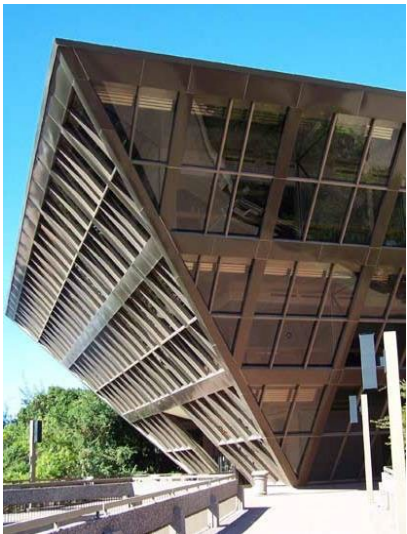
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6006089		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$5,280,896	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$11,280,896
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,280,896	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$11,280,896
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$1,550,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,750,000
Grants/Other	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Capital Project Fund Balance	\$3,530,896	\$0	\$0	\$0	\$0	\$3,530,896
Total	\$5,280,896	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$11,280,896
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Federal Grants & Project Contingency

Citywide

This project creates spending authority for grants or other funding that may become available during the fiscal year. It also provides contingent budget appropriation for mid-year project increases.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6009860		7/1/2021		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Total	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Federal Grants	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Total	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Grand Canal Connection Project

Grand Canal MUP Connection and Extension

The Grand Canal Connection Project will design and construct a link of the Rio Salado North bank MUP, Crosscut Canal MUP, Washington St, and Grand Canal MUP. The project will provide safe, off-street connections to these three regional bikeways that continue to the cities of Phoenix, Mesa, and Scottsdale. The proposed project will also provide a signalized pedestrian crossing at Mill Avenue north of Washington Street connecting Crosscut Canal to the Town Lake and the Grand Canal. Additional improvements include 10' wide concrete shared-use paths, striped bike facilities on Lake View Drive and 56th St, and sidewalk improvements along Mill Ave and Priest Drive. The project will also include lighting, landscaping, rest nodes, and art features. All improvements will be designed and constructed in compliance with ADA/MUTCD/AASHTO guidelines. The project is consistent with the goals and objectives of the Tempe General Plan ,Tempe Transportation Master Plan and the sustainability objectives of the city. The project supports the fulfillment of the General Plan 20-Minute City.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6008979		1/1/2018		10/20/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$495,000	\$0	\$0	\$0	\$0	\$495,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$578,290	\$1,909,914	\$0	\$0	\$0	\$2,488,204
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,073,290	\$1,909,914	\$0	\$0	\$0	\$2,983,204
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Federal Grants	\$395,000	\$1,909,914	\$0	\$0	\$0	\$2,304,914
Capital Project Fund Balance	\$578,290	\$0	\$0	\$0	\$0	\$578,290
Total	\$1,073,290	\$1,909,914	\$0	\$0	\$0	\$2,983,204
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$0	\$5,000	\$5,000	\$10,000
Total	\$0	\$0	\$0	\$5,000	\$5,000	\$10,000

Capital Improvements Program

Kyrene Road/Roosevelt Road/Farmer Avenue Bicycle and Pedestrian Improvement Project

Kyrene Rd/Roosevelt Dr/Farmer Ave University Dr to Baseline Rd

This project will design and construct three miles of bicycle and pedestrian improvements along Kyrene / Roosevelt/ Farmer from University Drive to Baseline Road. The project involves constructing lighting and landscaping along the alignment, street crossing treatments, sidewalk improvements, landscaping, dedicated bicycle facilities, and other amenities. The project will include repairs identified in the ADA Transition Plan and will construct and complete missing sidewalks along Roosevelt Drive. The project will include a public outreach component, and is identified in the Tempe General Plan 2040 and Transportation Master Plan. The project has been requested by several businesses and neighborhoods and has already had some portions built through agreements with private business. Construction of the project is funded with \$2,315,065 federal, \$664,217 Transit Tax and \$35,754 Impact Fees. The project was previously known as North-South Rail Spur Multi Use Path Phase 1. Tempe City Council approved the alignment change as recommended by staff on June 20, 2019. Kimly Horn is currently preparing 30% design plans for \$292,000 and an additional \$450,000 is requested forfor FY 2023-24 to complete the final design.. Completing the final design is complicated due to right of way issues, possible utility relocations, and potential archaeological finds within the project area.. City staff is in the process of obtaining approval for a second deferral of the federal funds from MAG.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6007089		7/1/2020		6/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$741,613	\$0	\$0	\$0	\$0	\$741,613
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$2,586,557	\$0	\$0	\$2,586,557
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$741,613	\$0	\$2,586,557	\$0	\$0	\$3,328,170
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$450,000	\$0	\$235,738	\$0	\$0	\$685,738
Federal Grants	\$0	\$0	\$2,315,065	\$0	\$0	\$2,315,065
Development Impact Fees	\$0	\$0	\$35,754	\$0	\$0	\$35,754
Capital Projects Fund Balance	\$291,613	\$0	\$0	\$0	\$0	\$291,613
Total	\$741,613	\$0	\$2,586,557	\$0	\$0	\$3,328,170
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Light Rail Capital Maintenance - State of Good Repair

light rail alignment (Apache, Washington, Town Lake, 3rd Street, Terrace)

The purpose of this project is to allocate funding to the light rail system and ancillary support systems like the Tempe Park and Ride lots along the light rail line. As the regional rail system has matured it is vital to maintain it in good working order. This project is in compliment to the operations costs for the regional rail system, but is separated out to quantify the capital maintenance costs. The rail cities of Mesa, Tempe and Phoenix will share these costs based upon the share of miles in each city. Additionally this project is to serve as the asset maintenance costs related to Tempe's Park and Rides (Dorsey, McClintock and Price) for the rail system. Upcoming expenditures for Park and Rides include significant asset maintenance of the parking structure at McClintock, which will be cost-shared with the mutli-family development on site.



Primary City Council Priority and Performance Measure Addressed		
	Quality of Life	3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6010019		7/1/2020		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,998,998	\$500,000	\$500,000	\$500,000	\$500,000	\$3,998,998
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,998,998	\$500,000	\$500,000	\$500,000	\$500,000	\$3,998,998
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Capital Project Fund Balance	\$1,498,998	\$0	\$0	\$0	\$0	\$1,498,998
Total	\$1,998,998	\$500,000	\$500,000	\$500,000	\$500,000	\$3,998,998
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Pathway Capital Maintenance

city wide (rivers, canals, utility easements)

This project provides ongoing funding for repair, replacement and installation of concrete, lighting, safety features (e.g. netting), seating, signage, landscaping and irrigation, bridges, signals and any other needed element for the 40+ miles of pathway along canals, railroads/utility corridors, rivers and other locations. Pathways exist along the El Paso Gasoline, Rio Salado, Indian Bend Wash, Railroad, some street alignments (e.g. Knox Road) and the Grand, Crosscut, Highline, and Tempe canals. Multiple bicycle/pedestrian bridges, including over area freeways, are included in this project. Upcoming significant path improvements are programmed for the 2.5 mile Indian Bend Wash Path and the 1/2 mile Grove Parkway. All pathway repair and improvements include ADA compliance, conversion to LED lighting, arid land landscaping, and support for the city's efforts to provide comfortable and convenient use non-motorized transport.



Primary City Council Priority and Performance Measure Addressed



Quality of Life 3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6005249		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$4,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$4,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
Capital Project Fund Balance	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Total	\$4,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Proposition 400 Extension Projects

Various

This project establishes funding for preliminary, pre-design activities in support of the development of three (3) separate regional transportation projects outlined in the Proposition 400 Extension (Prop 400E) funding initiative. If successful, Prop400E will dedicate regional funding towards the following three projects in Tempe: streetcar extension along Rio Salado in conjunction with the City of Mesa, a bus rapid transit (BRT) project along Scottsdale and Rural roads in conjunction with the cities of Scottsdale and Chandler, and grade separation of light rail at Rural and Terrace. The improvements and alignments associated with each project were recommended through multiple regional studies performed in recent years, including the Tempe/Mesa Streetcar Feasibility Study, the Regional Bus Rapid Transit Study, and the Light Rail Travel Time Improvement Study. Projects are scheduled for implementation at various phases throughout the 25-year tax, and require varying levels of local funding commitment, which will also be dependent on the availability and applicability of federal funding sources. Initial funding identified will support necessary feasibility studies, environmental analyses, and archeological assessments required prior to project design and construction.



Primary City Council Priority and Performance Measure Addressed



Quality of Life 3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6010759		7/1/2023		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$400,000	\$250,000	\$0	\$0	\$0	\$650,000
Total	\$400,000	\$250,000	\$500,000	\$500,000	\$0	\$1,650,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$0	\$250,000	\$250,000	\$250,000	\$0	\$750,000
Proposition 400E	\$0	\$0	\$250,000	\$250,000	\$0	\$500,000
Capital Project Fund Balance	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Total	\$400,000	\$250,000	\$500,000	\$500,000	\$0	\$1,650,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Reno-EnVision Center Building

1310 E Apache Blvd

The funding will fund the design and construction of tenant improvements for the proposed EnVision Center/Resiliency Hub located at 1310 E Apache Boulevard. The project when completed will house the City of Tempe multi-department effort to support and assist Tempe residents in need of housing.



Primary City Council Priority and Performance Measure Addressed



Strong Community Connection 2.02 Achieve satisfaction ratings of "Very Satisfied" or "Satisfied" with the "Quality of Customer Service" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6011019		7/1/2023		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$633,863	\$0	\$0	\$0	\$0	\$633,863
Total	\$633,863	\$0	\$0	\$0	\$0	\$633,863
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$633,863	\$0	\$0	\$0	\$0	\$633,863
Total	\$633,863	\$0	\$0	\$0	\$0	\$633,863
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Rio Salado North Bank Multi-use Path (Indian Bend Wash-McClintock Dr)

Rio Salado North Bank Multi-use Path (Indian Bend Wash-McClintock Dr)

This project is over a half mile extension of the Rio Salado Path system to link existing paths along the north bank of the Rio Salado (east of Rural Road) from the Indian Bend Wash east to McClintock Drive. The project will complete the Rio Salado Path system and will provide another critical link for non-motorized travel along Rio Salado to Downtown Tempe, north Tempe neighborhoods, Tempe Marketplace, City of Scottsdale, City of Mesa, SRPMIC, and planned future developments along the Rio Salado area. This project will include a paved path, landscaping and lighting. The project had historically been in partnership with and managed by the United States Army Corps of Engineers (USACE), but Tempe will be assuming project management and, in turn, Army Corps is returning the funds (\$800K) previously allocated (from Tempe) back to Tempe for the construction of the project. Previously this project was also removed from the CIP due to COVID-related economic concerns and due to improved sales tax realities, the project is being re-submitted to complete the design and construct without the partnership with USACE.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6008579		7/1/2020		10/20/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$1,300,000	\$0	\$0	\$0	\$1,300,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$130,000	\$0	\$0	\$0	\$130,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$180,000	\$1,430,000	\$0	\$0	\$0	\$1,610,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$120,000	\$630,000	\$0	\$0	\$0	\$750,000
Federal Grants	\$0	\$800,000	\$0	\$0	\$0	\$800,000
Capital Project Fund Balance	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Total	\$180,000	\$1,430,000	\$0	\$0	\$0	\$1,610,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$2,500	\$2,500	\$2,500	\$7,500
Total	\$0	\$0	\$2,500	\$2,500	\$2,500	\$7,500

Capital Improvements Program

Rio Salado Upstream Pedestrian Bridge

Tempe Town Lake East Side by McClintock

The Tempe Town Lake Upstream Dam Bridge project will span the north and south bank of the upstream portion of Tempe Town Lake, at roughly Dorsey Lane. The proposed project will be similar to the Elmore Pedestrian Bridge on the downstream portion of Tempe Town lake. The project will directly link from the South Pier development (on the south side of Town Lake along Rio Salado Parkway) to the north side of the lake and the Rio Salado North bank path (future). The South Pier development is also contributing funds to this project to assist in construction costs and integrate the bridge and the development seamlessly. The proposed project will utilize the existing upstream dam pier caps to provide the substructure for a low-stress, off-street pedestrian and bicycle bridge that will connect the north and south banks of Rio Salado Multi-use Paths. The project will include rest nodes with shade, public art, architectural lighting, and landscaping. The project creates a direct, safe and continuous off-street connection to the surrounding communities, greatly reducing travel distance and potential vehicular/bicycle/pedestrian conflicts at busy arterial streets. The Rio Salado path system touches portions of the off-street bicycle facilities of Tempe, Scottsdale, Phoenix, and Mesa. This project would directly connect the eastern end of the north and south banks of the Rio Salado and over 95 miles of regional shared-use paths. Staff is requesting \$150,000 to bring the design to above 30% and apply the project for an IJA Reconnecting Communities Construction Grant.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a multimodal transportation system (20-minute city) where residents can walk, bicycle, or use public transit to meet all basic daily, non-work needs.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6011191		7/1/2025		6/30/2029	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$6,000,000	\$0	\$6,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$150,000	\$0	\$0	\$6,000,000	\$0	\$6,150,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$150,000	\$0	\$0	\$500,000	\$0	\$650,000
Developer Assistance/Contribution	\$0	\$0	\$0	\$5,500,000	\$0	\$5,500,000
Total	\$150,000	\$0	\$0	\$6,000,000	\$0	\$6,150,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$0	\$10,000	\$10,000	\$20,000
Total	\$0	\$0	\$0	\$10,000	\$10,000	\$20,000

Capital Improvements Program

Scottsdale Road Bicycle and Pedestrian Improvement Project

Scottsdale Road: Curry to Scottsdale City Border

This project is currently under design. The proposed project will provide continuous bike lanes for 1.25 mile segment of Scottsdale Road between Curry Road and Continental Drive connecting existing bike lanes in the City of Scottsdale with the existing bike lanes at Curry Road. The project will also include improved signage, pedestrian lighting, fencing along the median to discourage unsafe crossing, ADA sidewalk (including repairs identified in the Transition Plan) and crossing improvements. The reconfiguration of the roadway will add dedicated bike lanes for cyclists in both directions and will add visibility and awareness for all users of the road. The 1.25 mile segment of arterial roadway will maintain the existing configuration of six traffic lanes, retain the existing dedicated left-turn pocket at intersection approaches, and the landscaped medians. Curb and medians will be reconstructed to accommodate the buffered bike lanes with vertical delineation. This project directly responds to growing safety concerns related to lack of bike lane facilities and low pedestrian visibility at night on a high-volume corridor that connects to several regional bike networks. The project is identified in the Tempe Transportation Plan and supports the sustainability goals of the City of Tempe. The project also supports the fulfillment of the 20 Minute City as identified in the Tempe General Plan. Staff secured additional federal funds to construct the project.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6009749		7/1/2019		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$5,331,672	\$0	\$0	\$0	\$0	\$5,331,672
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total	\$5,581,672	\$0	\$0	\$0	\$0	\$5,581,672
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$419,513	\$0	\$0	\$0	\$0	\$419,513
Federal Grants	\$4,995,109	\$0	\$0	\$0	\$0	\$4,995,109
Capital Project Fund Balance	\$167,050	\$0	\$0	\$0	\$0	\$167,050
Total	\$5,581,672	\$0	\$0	\$0	\$0	\$5,581,672
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$12,000	\$12,000	\$12,000	\$36,000
Total	\$0	\$0	\$12,000	\$12,000	\$12,000	\$36,000

Capital Improvements Program

Tempe Mesa Streetcar Extension

Rio Salado and Rural Road to Mesa City Boundary

This transit service feasibility study is in partnership with the City of Mesa and Valley Metro to continue to explore future possible high capacity transit corridors in the Mesa and Tempe region of the East Valley. Specifically this study would look at how the existing light rail, programmed Streetcar, and the Mesa light rail extensions can further link the two cities and their major destinations. The study would look at corridors to connect both downtown Mesa and Tempe, Mesa Community College and Arizona State University, Tempe Marketplace and Mesa Riverview, Cubs Stadium and Sun Devil Stadium, and more. This feasibility study would examine most appropriate corridors for servicing the highest population centers, growth corridors, and activity and employment areas. The study would be utilized in determinations for the anticipated Proposition 400E regional transportation effort and public vote.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

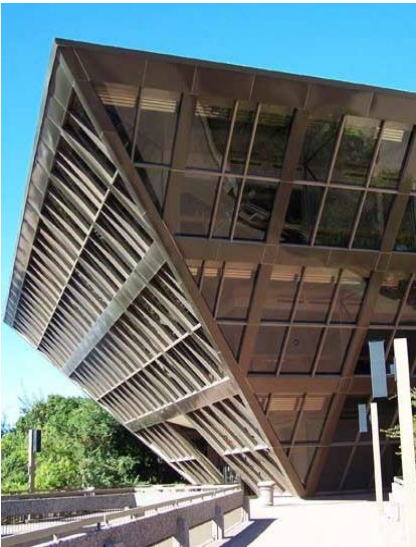
Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6011059		7/1/2025		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Total	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Transit Tax Funded Projects Archaeological Contingency Fund

Citywide

The Transportation Division currently has several projects underway and planned that have been identified as needing possible archeological mitigation. Given the unknowns related to the archeological process and difficulties in calculating costs, this project provides funding for unforeseen expenses related to historical and archaeological studies and potential remediation for all Transit Tax funded capital improvement projects. The expenditure of \$124,154 was used to fund the continuing archaeological study at the 8th Street project. Staff is requesting the same amount to replenish the reduction in the contingency account.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6009759		7/1/2021		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Total	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$124,154	\$0	\$0	\$0	\$0	\$124,154
Capital Project Fund Balance	\$275,846	\$0	\$0	\$0	\$0	\$275,846
Total	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Transportation Master Plan

City of Tempe

The project will prepare the Circulation Element of General Plan 2050, the Tempe Transportation Master Plan 2050, the implementation plan of the Tempe's 20-Minute City, support the transportation actions in Tempe's Climate Action Plan, Tempe's multi-modal transportation projects and program list to be included in the Proposition 400 Extension. The project will hire a consultant team that will assist in the preparation of all the plans identified above as well as develop metrics to measure the effectiveness of the projects, programs, and strategies identified in the plans. The Transportation Master Plan will identify and schedule transportation projects and programs that will support Tempe's future circulation needs to 2050. Measures of effectiveness shall consider vehicle miles traveled; mode share goals and changes, overall and individual modal satisfaction and cost effectiveness of proposed projects and programs. The Plan will have use Tempe's Equitable Engagement Framework to ensure that the City of Tempe is considering the needs of people of color, indigenous, youth and those that have limited access to transportation. The metrics will assist the city in identifying and prioritizing Tempe transportation projects for all the modes and temporal phases consistent with the requirement of Proposition 400 Extension and the Tempe Transportation Master Plan 2050 .The consultants will also develop a citywide travel demand forecasting/simulation model with greater detail in the Tempe Urban Core area to determine circulation impacts of existing and proposed developments. solutions. The travel demand/simulation model will assist staff in reviewing circulation impacts of proposed developments and test the effectiveness of identified mitigation measures.



Primary City Council Priority and Performance Measure Addressed



Quality of Life 3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6010769		7/1/2022		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Total	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Capital Project Fund Balance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000
Total	\$0	\$0	\$5,000	\$5,000	\$5,000	\$15,000

Capital Improvements Program

TTC - Facility Asset Maintenance (Transportation Center)

200 E 5th St

This project involves the ongoing repair and replacement needs for the Tempe Transportation Center in accordance with the Transit Asset Management plan as required by the Federal Transit Administration. The facility is the downtown Tempe bus and rail center with 11 bus and Orbit routes and a light rail station converge for rider convenience. Bus shelters, landscaping, seating and other amenities are included in the public amenities. The TTC additionally houses Transportation Division staff, other city personnel, multiple leasing partners, a green roof, a Transit Store for public information and ticket sales and public restrooms. The TTC operates as nearly a 24 hour facility, every day of the year as a public facility with high volumes of users and activity. Built in 2008 as a green building, the facility is now entering the asset management phase of it's life cycle. Upcoming years of maintenance and asset preservation are to keep the entire facility in good working order and include: LED lighting conversion, continued upkeep of all systems, and other safety (OSHA) compliance efforts. All modifications and upkeep to the building include an effort toward improving sustainable practices. Annual lease agreements with tenants help to offset costs to the facility.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.29 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 75% for both riders and non-riders as measured by the City of Tempe Transportation Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6006099		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,445,625	\$400,000	\$400,000	\$400,000	\$400,000	\$4,045,625
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,445,625	\$400,000	\$400,000	\$400,000	\$400,000	\$4,045,625
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Transit Tax	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Capital Project Fund Balance	\$2,045,625	\$0	\$0	\$0	\$0	\$2,045,625
Total	\$2,445,625	\$400,000	\$400,000	\$400,000	\$400,000	\$4,045,625
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

General Purpose Program

General Purpose projects total \$296.3 million in FY 2023/24 and account for 48% of the FY 2023/24 appropriated CIP budget

The General Purpose component of the Capital Improvements Program includes Police Protection, Fire Protection, Storm Drains, Park Improvements, and General Governmental programs. Combined, they constitute \$296.3 million of the \$621.5 million Capital Improvements Budget for FY 2023/24.

The majority of the funding for the five program areas above is to be provided by the planned issuance of \$128.1 million of general obligation bonds. The balance is funded from pay as you go contributions from various City operating funds, existing project fund balances, and other outside revenue.

Major areas of emphasis in FY 2023/24 include various repair and replacement projects for parks infrastructure, continued improvements to the City's regional radio system, and numerous capital asset repair and replacement projects for municipal buildings.



Fire Program FY 2023/24-FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Emergency Medical Transportation Station Renovations	5609639	Emergency Medical Transportation Fund	-	1,084,776	1,084,776	-	-	-	-	1,084,776
		Capital Projects Fund Balance	220,529	315,224	535,753	-	-	-	-	535,753
		Project Total	220,529	1,400,000	1,620,529	-	-	-	-	1,620,529
Emergency Repairs at Fire Station 6	5610629	Capital Projects Fund Balance	50,000	-	50,000	-	-	-	-	50,000
		General Obligation Bonds	456,748	1,000,000	1,456,748	-	-	-	-	1,456,748
		Project Total	506,748	1,000,000	1,506,748	-	-	-	-	1,506,748
Fire Medical Rescue Apparatus Replacement	5603619	General Obligation Bonds	150,000	1,600,000	1,750,000	2,100,000	2,100,000	2,100,000	3,900,000	11,950,000
		Development Impact Fees	200,000	-	200,000	-	-	-	-	200,000
		Project Total	350,000	1,600,000	1,950,000	2,100,000	2,100,000	2,100,000	3,900,000	12,150,000
<u>Fire Medical Rescue Apparatus Bay Door Replacement</u>	5611159	General Obligation Bonds	-	435,000	435,000	460,000	-	-	-	895,000
Fire Medical Rescue Hazardous Materials Specialized Safety Meters Replacement	5610729	General Obligation Bonds	30,000	-	30,000	-	-	-	-	30,000
Fire Medical Rescue Station 2	5610069	General Obligation Bonds	14,950,000	-	14,950,000	3,000,000	-	-	-	17,950,000
Fire Medical Rescue Station 3	5610739	General Fund Cash Reserve-CIP	-	-	-	-	10,654,000	-	-	10,654,000
		General Obligation Bonds	-	-	-	1,557,000	-	-	-	1,557,000
		Project Total	-	-	-	1,557,000	10,654,000	-	-	12,211,000
Fire Medical Rescue Station 8	N/A	General Obligation Bonds	-	-	-	3,014,000	-	6,938,000	5,524,680	15,476,680
		Development Impact Fees	-	-	-	-	-	7,558,320	-	7,558,320
		Project Total	-	-	-	3,014,000	-	14,496,320	5,524,680	23,035,000
Fire Medical Rescue Station Location Study	5610049	Capital Projects Fund Balance	31,000	-	31,000	-	-	-	-	31,000
Fire Medical Rescue Station Renovations	5610329	General Obligation Bonds	875,000	-	875,000	-	-	-	-	875,000
Fire Medical Rescue Support Services Apparatus Shop Heavy Equipment	5611169	General Obligation Bonds	-	115,000	115,000	-	-	-	-	115,000
Fire Medical Rescue Training Center Facilities	5610339	General Obligation Bonds	1,233,000	-	1,233,000	-	-	-	-	1,233,000
Fire Program Contingency		Grants/Other Funding		3,000,000	3,000,000	-	-	-	-	3,000,000
Fire Protection Program Total			18,196,277	7,550,000	25,746,277	10,131,000	12,754,000	16,596,320	9,424,680	74,652,277

Capital Improvements Program

Emergency Medical Transportation Station Renovations

Fire Station 5

This project was originally funded to renovate fire station 5 to accommodate a fifth ambulance crew and vehicle and add one additional dormitory to better accommodate FMR personnel already operating out of the station. Due to a reduction in funding, this project has been divided into two phases. The first phase of the project, completed in FY 21-22, built two dorms to house the ambulance crew. This request is for project funding to complete the second phase of the project in FY 23-24 which includes additional restroom capacity and expanded kitchen facilities to support the additional crew assigned to the station.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.03 Achieve total time from Tempe Fire Medical Rescue's (TFMR) contact with patient to transfer of care to the hospital for stroke and heart attack patients of less than or equal to national standards as established by the American Heart Association.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5609639		7/1/2023		12/31/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$12,000	\$0	\$0	\$0	\$0	\$12,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Survey / Staking	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Inspection & Construction Management	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Geotech / Material Testing	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Contingency	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Construction / Installation / Improvement	\$1,073,529	\$0	\$0	\$0	\$0	\$1,073,529
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,620,529	\$0	\$0	\$0	\$0	\$1,620,529
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Emergency Medical Transportation Fund	\$1,305,305	\$0	\$0	\$0	\$0	\$1,305,305
Capital Project Fund Balance	\$315,224	\$0	\$0	\$0	\$0	\$315,224
Total	\$1,620,529	\$0	\$0	\$0	\$0	\$1,620,529
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Emergency Repairs at Fire Station #6

Fire Station 6 and W6th

This project will build a large, protective structure over the rear of fire station 6 to enhance the protection and security of the Fire Medical Rescue and CARE 7 employees and personal and City vehicles assigned to that location. Station 6 has a long history of objects being thrown from the neighboring West 6th high rise towers such as beer and wine bottles (both empty and full) electric scooters, furniture, 50-pound bags of construction material, and numerous other items. The purpose of this structure is to mitigate the risk of serious injury or death to people outside of the station and to protect both City and personal property from damage. To date, at least two employee vehicles have suffered severe damage, one to the point it was totaled by the employee's insurance provider. City Engineering staff have been working with TFMR, a design firm, and JOC to start work on design of the structure. This is an important project to provide a safe and secure workplace for Fire Medical Rescue and CARE 7 employees.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610629		12/1/2021		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Construction / Installation / Improvement	\$506,748	\$0	\$0	\$0	\$0	\$506,748
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,506,748	\$0	\$0	\$0	\$0	\$1,506,748
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$92,957	\$0	\$0	\$0	\$0	\$92,957
General Obligation Bonds	\$1,413,791	\$0	\$0	\$0	\$0	\$1,413,791
Total	\$1,506,748	\$0	\$0	\$0	\$0	\$1,506,748
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Medical Rescue Apparatus Replacement

Tempe Fire Stations

The purpose of this project is to equip TFMR with the safest and most reliable emergency response vehicles. Funding in this five-year plan is for both replacement of emergency response apparatus that have been identified for replacement based on the department's end of service life criteria and for additional vehicles necessary to meet service demand growth. The consistent, objective, and timely evaluation of fire apparatus replacement is a critical function of fire fleet management.

Changes in NFPA 1901: Standard for Automotive Fire Apparatus and NFPA 1911: Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus have spurred fire departments to be more data driven when evaluating the life cycle of apparatus and have cause manufacturers to add critical technological advancements in safety, reliability, and efficiency over the past two decades. This replacement schedule allows TFMR to efficiently replace apparatus with the most up to date safety and technology standards.

Project funding provides for the scheduled replacement of the following vehicles:

FY 22-23 reappropriations: (1) Aerial, (1) Pumper

FY 23-24: \$1,600,000 (1) Heavy Rescue Squad

FY 24-25: \$2,100,000 (1) Pumper, (1) Ladder Tender

FY 25-26: \$2,100,000 (2) Pumpers

FY 26-27: \$2,100,000 (2) Pumpers

FY 27-28: \$3,900,000 (1) Hazardous Materials Unit, (1) Aerial, (1) Special Operations Support Unit



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5603619		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$1,950,000	\$2,100,000	\$2,100,000	\$2,100,000	\$3,900,000	\$12,150,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,950,000	\$2,100,000	\$2,100,000	\$2,100,000	\$3,900,000	\$12,150,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,750,000	\$2,100,000	\$2,100,000	\$2,100,000	\$3,900,000	\$11,950,000
Development Impact Fees	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total	\$1,950,000	\$2,100,000	\$2,100,000	\$2,100,000	\$3,900,000	\$12,150,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Medical Rescue Apparatus Bay Door Replacement

Fire Stations 6, 1, 4 and 5

This project will provide funding for the replacement of the apparatus bay doors at several fire stations. Fire Medical Rescue and Facilities have been working together to improve the condition, reliability and safety of the bay doors at all fire stations in the city. Facilities contracted a consultant to assess the doors at all fire facilities. The overall goal of this assessment was to evaluate each fire station and support services facility against a uniform set of standards, lay out general City-wide guidelines for fire station door installations and maintenance, and provide specific recommendations for improvements at each individual facility. Although it is never possible to completely eliminate the potential for breakdowns or need for periodic maintenance, the negative impacts of these events can be significantly reduced by installing new bay doors at all facilities, establishing standardized door specifications, adhering to basic scheduled maintenance recommendations, and maintaining a limited backstock of standard repair and replacement parts.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5611159		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$435,000	\$460,000	\$0	\$0	\$0	\$895,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$435,000	\$460,000	\$0	\$0	\$0	\$895,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$435,000	\$460,000	\$0	\$0	\$0	\$895,000
Total	\$435,000	\$460,000	\$0	\$0	\$0	\$895,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

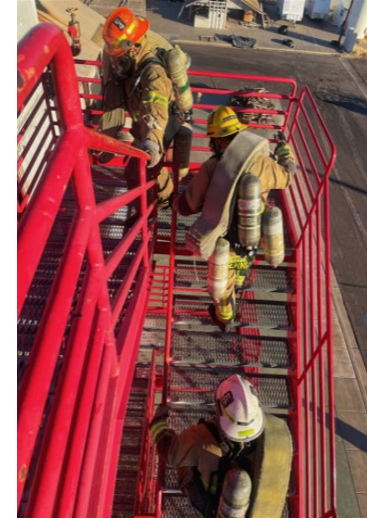
Capital Improvements Program

Hazardous Materials Specialized Safety Meters Replacement

Fire Station 2

Tempe Fire Medical Rescue Department (TFMRD) is an All-Hazards emergency response organization. A portion of that All-Hazards approach encompasses a hazardous materials response within the City of Tempe and throughout the Phoenix Metro region. The TFMRD hazardous materials team is stationed primary out of Fire Station 272, response units include a Fire Engine and a Support Truck.

TFMRD is requesting the purchase of two Mass Spectrometer meters to assist in identifying unknown substances. These two different meters utilize a laser to gather a small sample (amount) of product, breaking apart the substance placing them on a light spectrum to identify. The two specialized meters have a library of roughly 36,000 chemicals and can identify solids, liquids, and gases. Purchasing these meters will bring TFMRD capability up to the regional standards. The meters are not only used by the TFMRD Hazardous Materials team but can be used to assist the Tempe Police Department Bomb Squad.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610729		7/1/2022		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Total	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Medical Rescue Station #2

3025 S. Hardy Drive

This project builds a new fire station on the property of the existing Fire Station 2. In early 2016, as an addendum to the original station location study, TFMR procured an architectural design report to evaluate Station #2 for an extensive renovation and remodel. The architectural firm explored several design concepts using the existing buildings, however functionality of the station remained compromised when compared to a new facility design. The architect's professional opinion found the station to be past its useful life and supported developing a new facility rather than a renovation. Due to the age and design of the building (built in 1971) there are many inherent structural and functional shortcomings with the station. Also, as the department's Special Operations Section (located at Station #2) has required a more expanded role since 9-11, total operational requirements at the location have outgrown the facility.

The new facility will allow for better response from existing resources due to better functional configuration and will enable the department to adequately accommodate and provide ambulance services from the station in a manner that is not possible now due to a lack of current space.

Proposals regarding the requirement to incorporate sustainability elements for the new facility were requested in the design RFP and will be included in the architectural plans.

This request is for reallocation of funding in FY 23-24 to finish construction of the station. The project is quite complicated due to the need to phase construction of the new facility to keep the current fire station in operation.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610069		7/1/2020		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$130,000	\$0	\$0	\$0	\$0	\$130,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$378,000	\$0	\$0	\$0	\$0	\$378,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$1,416,926	\$0	\$0	\$0	\$0	\$1,416,926
Survey / Staking	\$97,000	\$0	\$0	\$0	\$0	\$97,000
Inspection & Construction Management	\$681,000	\$0	\$0	\$0	\$0	\$681,000
Geotech / Material Testing	\$97,000	\$0	\$0	\$0	\$0	\$97,000
Contingency	\$972,000	\$0	\$0	\$0	\$0	\$972,000
Construction / Installation / Improvement	\$9,623,074	\$3,000,000	\$0	\$0	\$0	\$12,623,074
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$972,000	\$0	\$0	\$0	\$0	\$972,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$583,000	\$0	\$0	\$0	\$0	\$583,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$14,950,000	\$3,000,000	\$0	\$0	\$0	\$17,950,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$14,950,000	\$3,000,000	\$0	\$0	\$0	\$17,950,000
Total	\$14,950,000	\$3,000,000	\$0	\$0	\$0	\$17,950,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

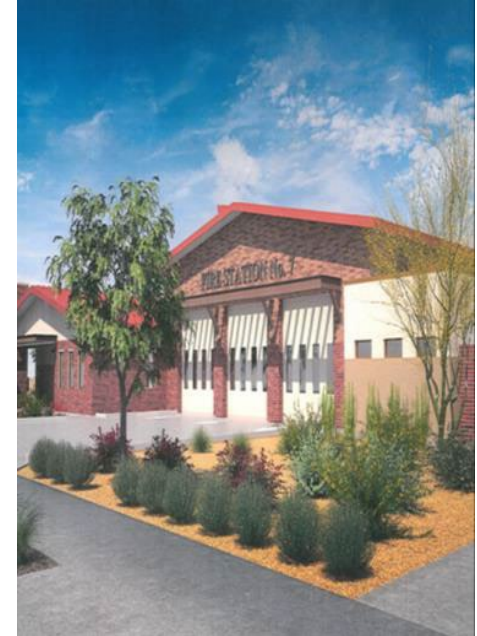
Fire Medical Rescue Station 3

5400 S. McClintock Drive

This project entails reconstruction of the existing Fire Station 3. Due to the age and design of the 1974 structure there are many structural, functional, and health issues with the station. Additionally, as the department's apparatus deployment has changed over time to meet a more expanded role, the operational requirements of the station have outgrown the facility. The 2019 Facilities Master Plan characterized the site as limiting expansion potential and that the "constrained site may not be able to accommodate this need."

TFMR has also determined that optimal ambulance locations to meet response time requirements include Station 3's service area and that major renovations sufficient to make room for an ambulance crew and optimal fire apparatus deployment would not be possible on the current site without significant cost.

Reconstructing the station in a new location will allow for improved response times. The updated 2021 ORH Station Location Study identified Station 3 as needing to be relocated. The additional space at the new station will enable TFMR to accommodate an ambulance and battalion command units which will greatly improve emergency service delivery in southern Tempe that are currently unavailable due to a lack of space.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610739		7/1/2024		12/31/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$103,000	\$0	\$0	\$0	\$103,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$299,000	\$0	\$0	\$0	\$299,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$1,155,000	\$0	\$0	\$0	\$1,155,000
Survey / Staking	\$0	\$0	\$77,000	\$0	\$0	\$77,000
Inspection & Construction Management	\$0	\$0	\$539,000	\$0	\$0	\$539,000
Geotech / Material Testing	\$0	\$0	\$77,000	\$0	\$0	\$77,000
Contingency	\$0	\$0	\$770,000	\$0	\$0	\$770,000
Construction / Installation / Improvement	\$0	\$0	\$7,700,000	\$0	\$0	\$7,700,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$770,000	\$0	\$0	\$770,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$721,000	\$0	\$0	\$721,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$1,557,000	\$10,654,000	\$0	\$0	\$12,211,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$1,557,000	\$0	\$0	\$0	\$1,557,000
General Fund Cash Reserve - CIP	\$0	\$0	\$10,654,000	\$0	\$0	\$10,654,000
Total	\$0	\$1,557,000	\$10,654,000	\$0	\$0	\$12,211,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Station 8

Novus Corridor / ASU Property

This project entails the construction of a combined public safety facility and Fire Medical Rescue Station in North Tempe. The city entered into an agreement with ASU under which the University has provided approximately 1.5 acres of land for the site. The fire station location study completed in 2021 indicated an additional fire station in this area would be required in the future to maintain current service level standards in view of forecasted growth in calls for service. Additionally, this project will provide funding for a modern Emergency Operations Center (EOC) and offices on the site. Currently the City of Tempe does not have an EOC facility that will support effective emergency management coordination. The facility at Fire Administration is far too small with minimal security, not enough parking, and technological limitations. The new facility will be a secure facility with modern technology, meeting space, and offices for emergency management personnel. Recent events such as the Union Pacific train derailment, COVID-19 response, and special events command needs have illustrated the necessity of a modern EOC with space and technology that can support these types of operations.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

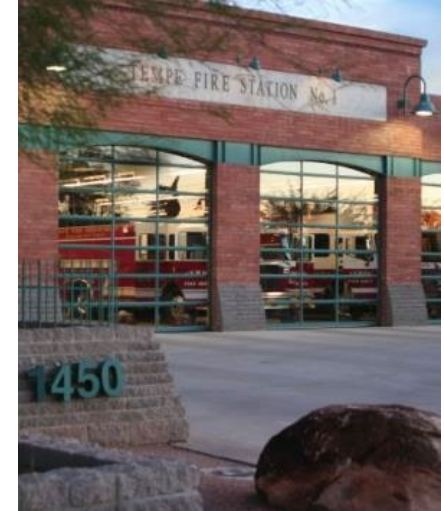
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2024		12/31/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$136,000	\$0	\$0	\$0	\$136,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$395,000	\$0	\$0	\$0	\$395,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$1,406,000	\$0	\$0	\$0	\$1,406,000
Survey / Staking	\$0	\$0	\$0	\$149,000	\$0	\$149,000
Inspection & Construction Management	\$0	\$0	\$0	\$1,043,000	\$0	\$1,043,000
Geotech / Material Testing	\$0	\$0	\$0	\$149,000	\$0	\$149,000
Contingency	\$0	\$0	\$0	\$1,490,000	\$0	\$1,490,000
Construction / Installation / Improvement	\$0	\$1,077,000	\$0	\$9,375,320	\$5,524,680	\$15,977,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$1,490,000	\$0	\$1,490,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$800,000	\$0	\$800,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$3,014,000	\$0	\$14,496,320	\$5,524,680	\$23,035,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$3,014,000	\$0	\$6,938,000	\$5,524,680	\$15,476,680
Development Impact Fees	\$0	\$0	\$0	\$7,558,320	\$0	\$7,558,320
Total	\$0	\$3,014,000	\$0	\$14,496,320	\$5,524,680	\$23,035,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$0	\$0	\$0	\$0	\$2,450,808	\$2,450,808
Supplies and Services	\$0	\$0	\$0	\$0	\$457,890	\$457,890
Capital Outlay	\$0	\$0	\$0	\$2,707,000	\$0	\$2,707,000
Total	\$0	\$0	\$0	\$2,707,000	\$2,908,699	\$5,615,699

Capital Improvements Program

Fire Medical Rescue Station Location Study

To Be Determined

An update to the original 2015 station location study, titled Station Plan to 2040, was presented to Council in October of 2021. The primary purpose of this study update was to maximize the TFMRD resources for deployment to emergency incidents. The study incorporated present and anticipated demographic changes to enable the City to make educated strategic decisions on deployment of TFMRD resources. The study timeline was planned to coincide with the City's General Plan 2040. The department plans to continue to make data driven decisions in response to a growing demand for service and provide study updates as needed.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610049		7/1/2022		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Total	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Total	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

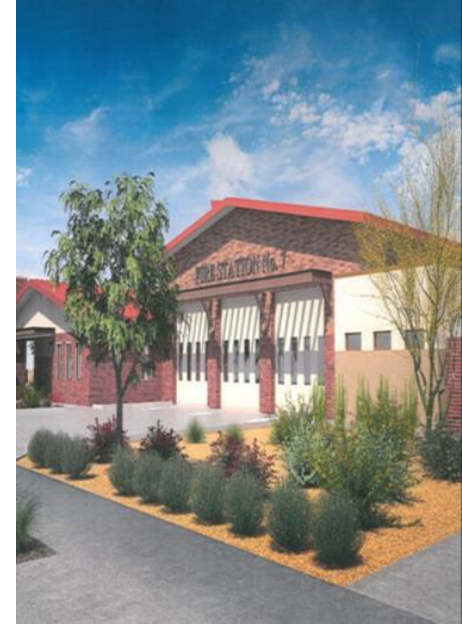
Capital Improvements Program

Fire Medical Rescue Station Renovations

Fire Stations 1 and 6

The purpose of this project is renovating the bathrooms at station 6. The long-term intent of the project is to retrofit the current group showers at all TFMR stations which still do not have individual private showers. This would improve the privacy each member would have when taking a shower and improving the working conditions. These renovations would be in line with the recommendation for fire stations per the 2018 FEMA report by the US Fire Administration, "Safety and Health Considerations for the design of Fire and Emergency Medical Services Stations".

Previous funding was allocated for the renovation of the restroom facilities at station 1. Construction is slated to conclude at that site in the second quarter of 2023. Two additional TFMR stations have group showers. Station 3 was built in 1974, and Station 6 was completed in 2004. Both station bathrooms have a single room shower with multiple shower heads. These showers do not provide individual privacy. Station 3 is slated for relocation in the currently approved 5-year CIP, therefore the current station will not be renovated to update the restrooms. In coordination with Facilities Maintenance, this project will require substantial reworking of the bathroom areas at station 6. Facilities is supportive of making the modifications to improve working conditions and is working with TFMR on plans to update the bathrooms at FMR stations.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610329		7/1/2021		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$32,000	\$0	\$0	\$0	\$0	\$32,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$85,203	\$0	\$0	\$0	\$0	\$85,203
Survey / Staking	\$9,000	\$0	\$0	\$0	\$0	\$9,000
Inspection & Construction Management	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Geotech / Material Testing	\$9,000	\$0	\$0	\$0	\$0	\$9,000
Contingency	\$86,000	\$0	\$0	\$0	\$0	\$86,000
Construction / Installation / Improvement	\$496,797	\$0	\$0	\$0	\$0	\$496,797
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$86,000	\$0	\$0	\$0	\$0	\$86,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$875,000	\$0	\$0	\$0	\$0	\$875,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$875,000	\$0	\$0	\$0	\$0	\$875,000
Total	\$875,000	\$0	\$0	\$0	\$0	\$875,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Medical Rescue Support Services Apparatus Shop Heavy Equipment

TFMR Fire Support Services

TFMR Support Services Shop has been based out of its current location since 2011. Currently there are 3 sets of mobile column lifts used to raise the current fleet of apparatus. Based on the weight and size of these apparatus the industry standard of life of the mobile lifts are approximately 10-15 years. The purpose of this project is to replace the existing lifts.

In fiscal year 23/24 the project funding would account for 6 mobile column lifts to be replaced.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5611169		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$115,000	\$0	\$0	\$0	\$0	\$115,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$115,000	\$0	\$0	\$0	\$0	\$115,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$115,000	\$0	\$0	\$0	\$0	\$115,000
Total	\$115,000	\$0	\$0	\$0	\$0	\$115,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

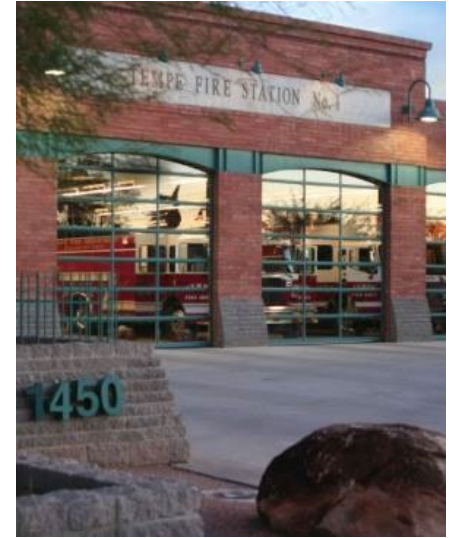
Capital Improvements Program

Fire Medical Rescue Training Center Facilities

Fire Training Center, 1340 E. University Drive

This project moves forward previously approved funding for the construction of an addition to the skills building at the Fire Medical Rescue Training Center. The first phase of this project involved extensive structural repairs to the skills building in accordance with a structural evaluation conducted in 2012. Design work for the addition was completed several years ago. The construction phase is scheduled to begin following plan update work from the architect.

The Fire Training Center Burn Room building was built in 1993. The extensive use of this facility and the significant benefits derived from firefighter training, which directly impact the delivery of service to the community, has exceeded expectations. Because the building sustains incremental damage with each live fire training, the life of the building is limited. The Burn Room and Skills Tower are vital to firefighter safety because training in these facilities prepares firefighters for the real life situations they will encounter. A modern redesigned Burn Room Building will facilitate training on new and innovative techniques that enable quicker and safer mitigation of structure fires. Given the critical nature of this training for firefighter safety, it is essential that the burn room be kept in a functioning state.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5610339		7/1/2021		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Survey / Staking	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Inspection & Construction Management	\$69,000	\$0	\$0	\$0	\$0	\$69,000
Geotech / Material Testing	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Contingency	\$99,000	\$0	\$0	\$0	\$0	\$99,000
Construction / Installation / Improvement	\$988,000	\$0	\$0	\$0	\$0	\$988,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,233,000	\$0	\$0	\$0	\$0	\$1,233,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,233,000	\$0	\$0	\$0	\$0	\$1,233,000
Total	\$1,233,000	\$0	\$0	\$0	\$0	\$1,233,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

General Governmental Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Community Development										
Gonzalez-Martinez House Emergency Stabilization	6708249	Capital Projects Fund Balance	308,336	-	308,336	-	-	-	-	308,336
		General Fund Cash Reserve-CIP		41,664	41,664					41,664
		Grants/Other	150,000	-	150,000	-	-	-	-	150,000
		Project Total	458,336	41,664	500,000	-	-	-	-	500,000
Historic & Cultural Guidance, Compliance & Inventory Program	6709819	Capital Projects Fund Balance	44,465		44,465	-	-	-	-	44,465
		General Fund Cash Reserve-CIP		17,428	17,428					17,428
		Project Total	44,465	17,428	61,893	-	-	-	-	61,893
Homeowners Exterior Rehabilitation Assistance Program for Historic Properties	N/A	General Fund Cash Reserve-CIP	-	-	-	-	-	-	200,000	200,000
Community Development Total			502,801	59,092	561,893	-	-	-	200,000	761,893
Community Health and Human Services										
Architectural, Historical, Environmental - Phase I City Parcels	6710259	Capital Projects Fund Balance	1,123,658	-	1,123,658	-	-	-	-	1,123,658
		General Fund Cash Reserve-CIP	-	200,000	200,000	-	-	-	-	200,000
		Project Total	1,123,658	200,000	1,323,658	-	-	-	-	1,323,658
Architectural, Historical, Environmental - Phase II City Parcels	6710539	Capital Projects Fund Balance	987,833	-	987,833	-	-	-	-	987,833
		General Fund Cash Reserve-CIP	-	300,000	300,000	-	-	-	-	300,000
		Project Total	987,833	300,000	1,287,833	-	-	-	-	1,287,833
Creation/Acquisition of Non-Congregate Shelter	6710599	American Rescue Plan Act	2,550,000	-	2,550,000	-	-	-	-	2,550,000
		Maricopa County Contribution	-	7,300,000	7,300,000	-	-	-	-	7,300,000
		Project Total	2,550,000	7,300,000	9,850,000	-	-	-	-	9,850,000
Non-Congregate Shelter Plumbing Repair	6711239	General Obligation Bonds	-	157,000	157,000	-	-	-	-	157,000
Community Health and Human Services Total			4,661,491	7,957,000	12,618,491	-	-	-	-	12,618,491

General Governmental Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Community Services										
Community Services Asset Restoration	6708269	General Obligation Bonds	1,197,041	590,500	1,787,541	447,000	537,000	743,000	876,000	4,390,541
Facility Landscape Improvements	N/A	General Obligation Bonds	-	-	-	-	-	100,000	150,000	250,000
Library Check Out and Sorter System	6711249	General Obligation Bonds	-	600,000	600,000	-	-	-	-	600,000
Library Landscape & Irrigation Implementation	6709829	General Obligation Bonds	310,814	-	310,814	-	-	-	-	310,814
Community Services Total			1,507,855	1,190,500	2,698,355	447,000	537,000	843,000	1,026,000	5,551,355
Economic Development										
Redevelopment Property Acquisitions	6711259	Contingent General Fund Cash Reserve - CIP	-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
Economic Development Total			-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
Engineering & Transportation										
Community and Workplace Charging Infrastructure	6710799	General Obligation Bonds	-	-	-	-	-	-	1,000,000	1,000,000
		General Fund Cash Reserve-CIP	-	100,000	100,000	600,000	600,000			1,300,000
		Capital Projects Fund Balance	200,000		200,000					200,000
		Project Total	200,000	100,000	300,000	600,000	600,000	-	1,000,000	2,500,000
Downtown Infrastructure - Asset Management	6704329	General Obligation Bonds	328,290	50,000	378,290	50,000	50,000	50,000	75,000	603,290
Downtown Safety Barrier Installation	6710379	General Obligation Bonds	206,000	600,000	806,000	-	-	-	-	806,000
Energy Conservation Program	6705179	General Obligation Bonds	-	200,000	200,000	175,000	175,000	175,000	175,000	900,000
		Capital Projects Fund Balance	615,422		615,422					615,422
		General Fund Cash Reserve-CIP	-	1,000,000	1,000,000	900,000	800,000	-	-	2,700,000
		Project Total	615,422	1,200,000	1,815,422	1,075,000	975,000	175,000	175,000	4,215,422
Energy Efficiency and Renewable Energy Federal Grant Contingency	6709867	Federal Grants	-	3,000,000	3,000,000	-	-	-	-	3,000,000
Implementation of Downtown Improvement Plans (Mill Ave Improvements)	6708311	General Obligation Bonds	1,696,787	4,673,213	6,370,000	-	5,800,000	5,800,000	-	17,970,000
		Capital Projects Fund Balance	-	3,800,000	3,800,000	-	-	-	-	3,800,000
		Project Total	1,696,787	8,473,213	10,170,000	-	5,800,000	5,800,000	-	21,770,000

General Governmental Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Overhead to Underground Utility Relocation	6710819	General Obligation Bonds	252,000	-	252,000	252,000	252,000	252,000	252,000	1,260,000
Resilient Energy Hubs & Microgrids	6710829	General Obligation Bonds	500,000	400,000	900,000	200,000	200,000	200,000	200,000	1,700,000
Shade and Green Stormwater Infrastructure (formerly Green Infrastructure)	6710809	General Obligation Bonds	-	475,000	475,000	375,000	375,000	375,000	1,000,000	2,600,000
		Capital Projects Fund Balance	150,000	300,000	450,000	-	-	-	-	450,000
		Project Total	150,000	775,000	925,000	375,000	375,000	375,000	1,000,000	3,050,000
Solar Power Partnerships & Solar in City Facilities	6708369	General Obligation Bonds	-	500,000	500,000	200,000	200,000	200,000	200,000	1,300,000
Tempe Municipal Operation Center - Phase I	6710611	American Rescue Plan Act	27,226,516	-	27,226,516	-	-	-	-	27,226,516
		General Obligation Bonds	-	1,000,000	1,000,000	-	-	-	-	1,000,000
		Project Total	27,226,516	1,000,000	28,226,516	-	-	-	-	28,226,516
Tempe Municipal Operation Center - Phase II	6711269	General Obligation Bonds	-	5,900,000	5,900,000	8,556,224	-	-	-	14,456,224
		Solid Waste Excise Bonds	-	20,000,000	20,000,000	-	-	-	-	20,000,000
		General Fund Cash Reserve-CIP	-	19,543,776	19,543,776	8,000,000	-	-	-	27,543,776
		Project Total	-	45,443,776	45,443,776	16,556,224	-	-	-	62,000,000
Engineering & Transportation Total			31,175,015	61,541,989	92,717,004	19,308,224	8,452,000	7,052,000	2,902,000	130,431,228
Financial Services										
ADA Improvements - City Facilities	6709869	General Obligation Bonds	660,000	500,000	1,160,000	500,000	500,000	500,000	500,000	3,160,000
Chilled Water Loop Repairs - Downtown City Buildings	6710109	General Obligation Bonds	4,700,000	4,155,000	8,855,000	900,000	900,000	900,000	900,000	12,455,000
City Facilities Small Scale Remodels	6708289	General Obligation Bonds	210,000	750,000	960,000	750,000	750,000	750,000	750,000	3,960,000
City Hall Municipal Complex Improvements	6709519	General Obligation Bonds	-	-	-	-	260,000	4,145,000	5,239,500	9,644,500
City Hall Municipal Complex Repairs	6710119	General Obligation Bonds	4,858,000	2,000,000	6,858,000	1,500,000	1,500,000	1,500,000	-	11,358,000
Cooling Tower Replacement and Repairs	6711279	General Obligation Bonds	-	250,000	250,000	-	-	-	-	250,000

General Governmental Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Emergency Capital Repair	6799779	General Obligation Bonds	18,500	325,000	343,500	325,000	325,000	325,000	325,000	1,643,500
Existing City Building Asset Management Program - Replacement & Repairs	6708849	General Obligation Bonds	3,717,000	5,100,000	8,817,000	6,200,000	6,200,000	6,925,000	6,466,000	34,608,000
General Governmental Contingency		Grants/Other	-	28,529,000	28,529,000	-	-	-	-	28,529,000
Historic Properties Building Maintenance	6706809	General Obligation Bonds	372,000	357,000	729,000	357,000	357,000	357,000	425,000	2,225,000
Financial Services Total			14,535,500	41,966,000	56,501,500	10,532,000	10,792,000	15,402,000	14,605,500	107,833,000
<i>Information Technology</i>										
Citizen/Customer Relationship Management (CRM) System	6711289	General Obligation Bonds	-	100,000	100,000	940,000	-	-	-	1,040,000
Cybersecurity & Regulatory Compliance Program	6710129	General Obligation Bonds	930,000	1,040,000	1,970,000	1,040,000	1,040,000	1,040,000	1,195,000	6,285,000
Data and Technology Plan	6710839	General Obligation Bonds	251,680	938,500	1,190,180	950,000	-	-	-	2,140,180
Enterprise Software Upgrades and Replacements	6708739	General Obligation Bonds	220,000	150,000	370,000	200,000	200,000	200,000	200,000	1,170,000
Microwave Communications Replacement	6710849	General Obligation Bonds	32,000	100,000	132,000	100,000	100,000	105,000	-	437,000
Multimode Fiber Replacement	N/A	General Obligation Bonds	-	-	-	-	-	-	943,100	943,100
Network Cabling Replacement	6710569	General Obligation Bonds	20,000	520,000	540,000	370,000	295,000	147,500	347,500	1,700,000
PeopleSoft Replacement	6711299	General Obligation Bonds	-	250,000	250,000	1,250,000	1,250,000	-	-	2,750,000
Public Internet Technology	6708299	General Obligation Bonds	35,000	257,500	292,500	150,000	343,000	82,500	131,850	999,850
Security Systems Upgrades	6707609	General Obligation Bonds	1,300,000	867,000	2,167,000	724,000	800,000	300,000	308,000	4,299,000
Team Technology Refresh	6707229	General Obligation Bonds	820,000	1,477,875	2,297,875	1,080,475	1,492,275	1,681,325	1,810,450	8,362,400
	6010499	Transit Fund	-	-	-	-	212,500	20,400	-	232,900
	3204021Z	Water / Wastewater Fund	-	-	-	485,000	-	55,675	-	540,675
Project Total			820,000	1,477,875	2,297,875	1,565,475	1,704,775	1,757,400	1,810,450	9,135,975

General Governmental Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
UPS Replacement	6710859	General Obligation Bonds	443,300	144,000	587,300	108,000	162,000	140,000	-	997,300
	3204023	Water / Wastewater Fund	-	34,000	34,000	100,000	-	-	-	134,000
		Project Total	443,300	178,000	621,300	208,000	162,000	140,000	-	1,131,300
Vault Replacement	6710869	General Obligation Bonds	20,000	643,400	663,400	643,400	643,400	646,200	-	2,596,400
Information Technology Total			4,071,980	6,522,275	10,594,255	8,140,875	6,538,175	4,418,600	4,935,900	34,627,805
<i>Municipal Utilities</i>										
Electric Vehicle Charging Infrastructure/Stations	6709899	General Obligation Bonds	910,000	1,170,000	2,080,000	1,170,000	1,170,000	1,170,000	1,284,000	6,874,000
Fuel Dispenser Replacement Project	6710879	General Obligation Bonds	52,000	300,000	352,000	-	-	-	-	352,000
Municipal Utilities Total			962,000	1,470,000	2,432,000	1,170,000	1,170,000	1,170,000	1,284,000	7,226,000
<i>Strategic Management and Innovation</i>										
Wastewater Analytics Program Infrastructure	6710389	General Obligation Bonds	700,000	-	700,000	-	-	-	-	700,000
Strategic Management & Innovation Total			700,000	-	700,000	-	-	-	-	700,000
General Governmental Total			58,116,642	125,706,856	183,823,498	44,598,099	32,489,175	33,885,600	29,953,400	324,749,772

Capital Improvements Program

Gonzalez-Martinez House Emergency Stabilization

321 West 1st Street

Undertake necessary life safety improvements, emergency stabilization, and historic rehabilitation measures to protect and preserve the historic adobe building and historic 1918 additions in accordance with recommendations provided by a contracted historical architect and adobe expert. Complete assessment of the structural condition of the historic adobe home and historic 1918 additions and have historical architect update the 2017 building condition assessment report (BCAR) if necessary. After emergency stabilization, work will commence on rehabilitating the Gonzales-Martinez House, based on the recommendations for repair included in the BCAR, to ensure responsible stewardship of this highly significant historic resource. These safety improvements and emergency stabilization measures will ensure public health and safety and address any and all deferred maintenance issues so as to prevent further damage to the historic resource and / or loss of its structural integrity. Furthermore, the rehabilitation of the home will aid in the preservation of one of Tempe's oldest historic structures. Previous components of funding requests for this project number set aside \$108,336 for emergency stabilization. An additional funding request of \$41,664 is being made to meet the adjusted cost estimate for emergency stabilization calculated by the adobe contractor.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.11 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Feeling of Safety in City Facilities" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey and the Employee Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6708249		2/1/2023		12/31/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Grant	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Historic and Cultural Resources Guidance, Compliance, and Inventory Program

Tempe

This is a request for additional funding to aid in completion of a comprehensive suite of historical and cultural resource management guidance documentation. This suite will include a blanket archaeological monitoring, treatment, and discovery plan and Class I cultural resource inventory, including a survey of City-owned vacant lots. A context study of Asian Americans in Tempe will also be completed. Per state and federal laws, the Tempe historic preservation ordinance, the recently updated Tempe historic preservation plan, the Certified Local Government intergovernmental agreement, and the intergovernmental agreement outlining responsibilities relating to the discovery of ancestral (human) remains or funerary objects, the City of Tempe is obligated to sensitively manage its historic and prehistoric archaeological resources. Completing and adopting a blanket archaeological plan will end the practice of contracting out for such documentation on a piecemeal, per-project basis and limit project delays and longterm costs. Furthermore, creation of a clear archaeological compliance protocol, followed by consistent and thorough execution of said protocol, will reduce the potential for non-compliant actions that can endanger Federal funding, jeopardize the City's relationship with Tribal partners, and tarnish the City's brand. In addition, the cultural resource survey of City-owned vacant lots will fulfill a key priority in the City's updated historic preservation plan. It will necessitate \$17,428 in additional funding. The Asian American context study, which will be funded with \$8,500 from CIP #6709819, \$20,000 from a recently awarded Certified Local Government Pass-Through Grant from the Historic Preservation Fund, and \$12,000 in Planning Contracted Services funding will fulfill the updated historic preservation plan's recommendation of completing additional "cultural heritage research and context statements related to groups important to Tempe's history."



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.36 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6709819		9/30/2020		12/30/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$61,893	\$0	\$0	\$0	\$0	\$61,893
Total	\$61,893	\$0	\$0	\$0	\$0	\$61,893
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Projects Fund Balance	\$61,893	\$0	\$0	\$0	\$0	\$61,893
Total	\$61,893	\$0	\$0	\$0	\$0	\$61,893
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Homeowners Exterior Rehabilitation Assistance Program For Historic Properties

Tempe

This is a request for funding of a new Homeowners Exterior Rehabilitation Assistance Program For Historic Properties in fulfillment of Goal IV (Implement City Planning and Policy Improvements), Priority 16 of the City's updated Historic Preservation Plan: "Develop incentive programs for historic preservation, including: a. Emulate CoP preservation grant / City of Scottsdale HRER program; b. Investigate the feasibility of adding preservation grant funding to the next bond election." Per the HP Plan, this program would be based on City of Phoenix's and City of Scottsdale's exterior rehabilitation programs. An annual, recurring request of \$200,000 would serve as funding for reimbursable matching grants to Tempe homeowners of properties designated individually or as contributing properties in historic districts in the Tempe Historic Property Register. The program's grants could be used to assist in defraying the cost of repairs to or rehabilitation of the exterior of a home designed to maintain or restore its historic integrity. In exchange for the grant, the homeowner would be required to provide the City with a façade conservation easement.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.20 Achieve customer satisfaction ratings of "Strongly Agree" or "Agree" with the Community Development Processes greater than or equal to 90% as measured by the Community Development Process Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	TBD		7/1/2027		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Projects Fund Balance	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Archeological/Historical/Environmental Phase 1 - City Owned Parcels

Various City Owned Parcels

This project set up is for the Archeological/Historic/Environmental mitigation costs associated with the site clearance for the development of affordable/workforce housing on City owned properties. The parcels are Dorsey & Lemon, Dorsey & Apache, parcel adjacent to Watson's Flowers, the parcels acquired with CDBG funds on Apache across from the Apache 101 Park & Ride and new for FY 2023/24 the Apache Central Plaza acquired during FY 2022/23. Based on pending and/or future acquisition along Apache - if funding is available in this item, additional property(ies) may be added to the aforementioned property listing.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.09 Achieve a Housing Inventory Ratio for Affordable, Workforce, and Market-rate housing categories that meets the recommendations made for a three-person household in the most recent study.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6710259		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$1,323,658	\$0	\$0	\$0	\$0	\$1,323,658
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,323,658	\$0	\$0	\$0	\$0	\$1,323,658
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$1,123,658	\$0	\$0	\$0	\$0	\$1,123,658
General Obligation Bonds	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total	\$1,323,658	\$0	\$0	\$0	\$0	\$1,323,658
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Archeological/Historical/Environmental Phase 2-City Parcels

Various City Owned Parcels

This project set up is for the Phase 2 Archeological/Historic/Environmental mitigation costs associated with the site clearance for the development of affordable/workforce housing on City owned properties. The parcels are Dorsey & Lemon, Dorsey & Apache, parcel adjacent to Watson's Flowers, the parcels acquired with CDBG funds on Apache across from the Apache 101 Park & Ride and new for FY 23/24 the Apache Central Plaza acquired during FY222/23. Based on pending and/or future acquisition along Apache - if funding is available in this item, additional property(ies) may be added to the aforementioned property listing.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.09 Achieve a Housing Inventory Ratio for Affordable, Workforce, and Market-rate housing categories that meets the recommendations made for a three-person household in the most recent study.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6710539		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$1,287,833	\$0	\$0	\$0	\$0	\$1,287,833
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,287,833	\$0	\$0	\$0	\$0	\$1,287,833
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$987,833	\$0	\$0	\$0	\$0	\$987,833
General Obligation Bonds	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Total	\$1,287,833	\$0	\$0	\$0	\$0	\$1,287,833
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Creation/Acquisition Non-Congregate Shelter

To Be Determined

To acquire one or more properties for conversion and/or utilization as temporary transitional housing and/or non-congregate shelter; which depending on the property acquired may/would be redeveloped in the future to higher density multi-family dwelling units. Potential acquisition could be in the form of a hotel, motel, or single-family dwelling units (attached or detached). The City is currently working towards formalizing an IGA with Maricopa County Human Services Department (MCHSD) to combine County/City ARPA funds for an acquisition and rehabilitation of a hotel/motel to be used as non-congregate shelter.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.28 Achieve an end to homelessness in Tempe as measured by Tempe's annual count.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6710599		7/1/2023		12/1/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$9,850,000	\$0	\$0	\$0	\$0	\$9,850,000
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$9,850,000	\$0	\$0	\$0	\$0	\$9,850,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
American Rescue Plan Act	\$2,550,000	\$0	\$0	\$0	\$0	\$2,550,000
Maricopa County	\$7,300,000	\$0	\$0	\$0	\$0	\$7,300,000
Total	\$9,850,000	\$0	\$0	\$0	\$0	\$9,850,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Non-Congregate Shelter Plumbing Repair

2101 E Apache - Roadway Inn

Repair deficient plumbing at the Non-Congregate Shelter (Roadway Inn) acquired FY22/23 through CIP 6710599. A facility condition assessment was not funded or conducted as part of the acquisition. These funds will be used to remedy existing delayed maintenance and deficiencies in the plumbing system.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.28 Achieve an end to homelessness in Tempe as measured by Tempe's annual count.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6711239		7/1/2023		12/1/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$4,000	\$0	\$0	\$0	\$0	\$4,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$16,000	\$0	\$0	\$0	\$0	\$16,000
Survey / Staking	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Inspection & Construction Management	\$7,000	\$0	\$0	\$0	\$0	\$7,000
Geotech / Material Testing	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Contingency	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Construction / Installation / Improvement	\$105,000	\$0	\$0	\$0	\$0	\$105,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$157,000	\$0	\$0	\$0	\$0	\$157,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$157,000	\$0	\$0	\$0	\$0	\$157,000
Total	\$157,000	\$0	\$0	\$0	\$0	\$157,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Community Services Asset Restoration

Various

This project funds the repair, refurbishment or replacement of major equipment, infrastructure and sub-systems throughout Community Services facilities on a life cycle basis. This project is part of a continuous plan for preserving assets through rehabilitation (i.e., equipment, infrastructure, ADA compliance), ensuring sustainable recreational amenities for the community, addressing safety standards throughout facilities and programs and ensuring sustainable growth of programming. Projects include:

FY23/24: Community Centers life cycle replacement of furniture, countertops, cabinets, fitness equipment and commercial kitchen appliances; rowing shell replacement; Kiwanis Recreation Center batting range replacement of netting and roof; Scoreboards at KRC ballfields; design for Westside exterior signage; office updates

FY24/25: Community Centers life cycle replacement of furniture, countertops, cabinets, fitness equipment and commercial kitchen appliances; Scoreboards at outdoor ballfields; Exterior signage for Kiwanis Recreation Center; replacement of boating storage cages

FY25/26: Community Centers life cycle replacement of furniture, countertops, cabinets, fitness equipment and commercial kitchen appliances; gymnasium divider curtain, wall padding, scoreboard and basketball hoop winch/motor replacement; boating program equipment;

FY26/27: Community Centers life cycle replacement of furniture, countertops, cabinets, fitness equipment and PA systems; shade structure replacement of preschool playground; floor color and reseal at Kiwanis Recreation Center; ramp and stage replacement at Pyle; security screening at boat storage

FY27/28: Community Centers life cycle replacement of furniture, countertops, cabinets, fitness equipment; I-pad replacement; rowing shells, fencing, screens and netting at Kiwanis Batting Cages; window covering replacements



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6708269		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$34,000	\$80,000	\$60,000	\$174,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$444,500	\$414,000	\$420,000	\$350,000	\$761,000	\$2,389,500
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$60,000	\$0	\$50,000	\$280,000	\$22,000	\$412,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,273,041	\$33,000	\$33,000	\$33,000	\$33,000	\$1,405,041
Total	\$1,787,541	\$447,000	\$537,000	\$743,000	\$876,000	\$4,390,541
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,787,541	\$447,000	\$537,000	\$743,000	\$876,000	\$4,390,541
Total	\$1,787,541	\$447,000	\$537,000	\$743,000	\$876,000	\$4,390,541
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Facility Landscape Improvements

Various

Many of Tempe's public facilities such as City Hall and Police substations include outdoor landscaped areas consisting of plants, shrubs, trees, ground cover and irrigation. Much of this infrastructure has extended beyond its useful life and needs to be renovated. This project will fund the regular replacement of living infrastructure and the modification and replacement of irrigation components. This project will extend the life of City assets and contribute to the overall aesthetics of these public-facing areas.

Planned projects include:

FY 2026-27: Apache Police Substation; Carver Police Substation

FY 2027-28: Apache Police Substation; Carver Police Substation; Hayden House and Elias Rodriguez House



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	N/A		7/1/2026		6/30/2031	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$100,000	\$150,000	\$250,000
Total	\$0	\$0	\$0	\$100,000	\$150,000	\$250,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$100,000	\$150,000	\$250,000
Total	\$0	\$0	\$0	\$100,000	\$150,000	\$250,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$13,857	\$13,857	\$25,483	\$25,483	\$78,680
Total	\$0	\$13,857	\$13,857	\$25,483	\$25,483	\$78,680

Capital Improvements Program

Library Checkout and Sorter System

Tempe Public Library

This project replaces the current Automated Materials Handling (AMH) system which was purchased in 2015 and will reach the end of its expected useful life in 2023. An AMH system is a holistic system that handles all steps of the materials handling process from check-out to check-in and includes components such as self-check stations, sorters, security gates and RFID work stations. The existing equipment has had multiple equipment failures with substandard resolution response from the vendor, causing additional burden on residents and staff to manually handle the materials. This CIP will purchase a new AMH system through a cooperative contract with the County.



Primary City Council Priority and Performance Measure Addressed		
	Quality of Life	3.36 Achieve ratings of “Very Satisfied” or “Satisfied” with the “Quality of City Services” greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

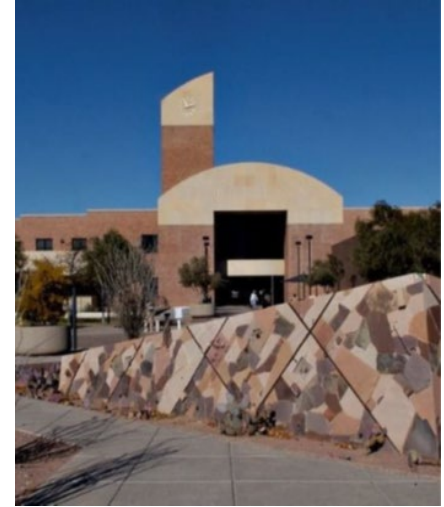
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6711249		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Total	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Total	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Library Landscape and Irrigation Implementation

Rural and Southern

This project was a multi-year project that started with a Library Landscape Improvement Plan which assessed existing vegetation, hardscape and irrigation systems. The project replaced the Library Complex irrigation system, removed aging infrastructure and plant material, and installed landscape elements such as trees, shrubs and groundcover. The project is substantially complete with a small amount of remaining concrete work to be completed.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth &
Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6709829		7/1/2020		9/30/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$310,814	\$0	\$0	\$0	\$0	\$310,814
Total	\$310,814	\$0	\$0	\$0	\$0	\$310,814
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$310,814	\$0	\$0	\$0	\$0	\$310,814
Total	\$310,814	\$0	\$0	\$0	\$0	\$310,814
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Redevelopment Property Acquisitions

Various

Economic Development is requesting an annual allocation to fund redevelopment efforts in Tempe. This fund would allow for the strategic acquisition of property and property improvements with respect to redevelopment opportunities as they align with Council goals. Setting up this fund will allow for staff to be more strategic and proactive in targeting redevelopment to prevent blight, assist existing cultural/community/historical businesses and real estate assets, and facilitate the implementation of other Council priorities with respect to efforts such as ending homelessness and working to create secure and safe communities.



Primary City Council Priority and Performance Measure Addressed



Financial Stability & Vitality

5.03 Achieve an annual increase of capital investment that is twice Tempe's proportion of the capital investment forecasted for the region, based on population.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6711259		7/1/2023		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Total	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
TBD	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,000,000
Total	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Community and Workplace EV Charging Infrastructure

Various City Facilities

This project is to fund the implementation of community and workplace EV charging infrastructure throughout the City of Tempe. EV charging is an action in Tempe's 2019 Climate Action Plan and 2022 Climate Action Plan update. The infrastructure would be in public right-of-way or city property but service Tempe residents and employees. There is a need for a Community and EV Charging Master Plan (FY 2025) to determine potential site across the city and develop plans for up to 50 sites (FY 2026-2028). These EV chargers could have some revenue associated with charging customers to charge. The EV charging infrastructure helps reduce the Greenhouse Gas emissions through supporting businesses, residents and staff in using no or low emissions vehicles. We will continue to look into grants and partnerships with electric utilities to support the installation of charging stations for city staff and public use.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.18 Achieve community carbon neutrality by 2060 with equitable outcomes.

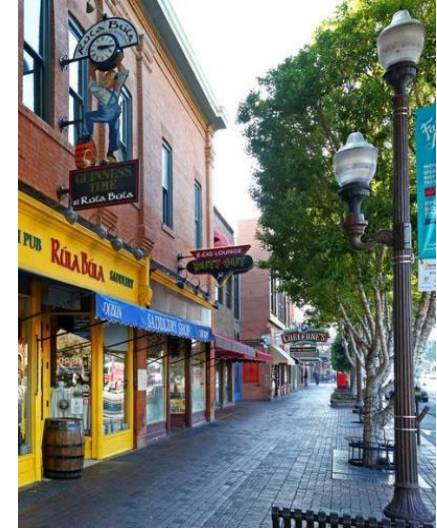
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710799		7/1/2022		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$300,000	\$600,000	\$600,000	\$0	\$1,000,000	\$2,500,000
Total	\$300,000	\$600,000	\$600,000	\$0	\$1,000,000	\$2,500,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$100,000	\$600,000	\$600,000	\$0	\$0	\$1,300,000
Total	\$300,000	\$600,000	\$600,000	\$0	\$1,000,000	\$2,500,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Total	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000

Capital Improvements Program

Downtown Infrastructure - Asset Management

Downtown

This project is for the asset management of downtown infrastructure including the repainting of light poles, traffic signal poles, replacement of internally illuminated street signs, and the life cycle replacement of the Mill Avenue Bridge string lights.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6704329		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$378,290	\$50,000	\$50,000	\$50,000	\$75,000	\$603,290
Total	\$378,290	\$50,000	\$50,000	\$50,000	\$75,000	\$603,290
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$378,290	\$50,000	\$50,000	\$50,000	\$75,000	\$603,290
Total	\$378,290	\$50,000	\$50,000	\$50,000	\$75,000	\$603,290
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Downtown Safety Barrier Installations

Downtown

This project will provide for modular and permanent safety barriers in the downtown. This is part of an ongoing effort to enhance the City's ability to accommodate special events in the downtown and ensure the long-term safety of city buildings and infrastructure in the downtown. Modular safety barriers include landscaped planter boxes that can be stored in the right-of-way and then relocated into the streets during special events. Design for permanent safety barriers in front of downtown city facilities is being incorporated into abutting projects in the downtown. These barriers could include steel bollards, concrete bollards, or other similar infrastructure. Construction of the permanent safety barriers is anticipated to begin in Fiscal Year 2023/24 with elements along 5th Street.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.11 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Feeling of Safety in City Facilities" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey and the Employee Survey.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710379		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$7,000	\$0	\$0	\$0	\$0	\$7,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$4,000	\$0	\$0	\$0	\$0	\$4,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Survey / Staking	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Inspection & Construction Management	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Geotech / Material Testing	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Contingency	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Construction / Installation / Improvement	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Total	\$806,000	\$0	\$0	\$0	\$0	\$806,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$806,000	\$0	\$0	\$0	\$0	\$806,000
Total	\$806,000	\$0	\$0	\$0	\$0	\$806,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Energy Conservation Program

Various City Facilities

The goal of the City's energy management program is to reduce energy use and utility costs in city facilities and achieve the Council goal of carbon neutrality in city operations by 2050. This funding will continue the City's initiative of conducting energy audits, replacing inefficient lighting, air conditioning systems and mechanical equipment and reviewing additional ways to conserve and reduce electricity usage. To date, the city has achieved a reduction of 6% in municipal energy use. In addition, 35% of city facilities are powered with renewable energy, from solar panels installed on city facilities, utility scale solar power from SRP and utility scale wind power from APS. In 2009, total electricity expenses for all city operations was \$7.5 Million and was expected to increase to \$12.5 Million by 2020. Over the last 10 years, because of the City's sustainability initiatives, electricity expenses have remained at or below \$7.5 million per year. The energy conservation program funds the following Energy Efficiency Upgrades, Energy Audits, and Re-commissioning of City Buildings: FY 2023-24: Work with energy services consultant to determine next energy investments; Install LED lighting at various city facilities (\$200,000); HVAC upgrades for up to 10 buildings (\$400,000); Initiate re-commissioning of up to 3 buildings and implement third phase of building controls (\$400,000); Implement energy conservation measures based on the previous year's energy audits and re-commissioning reports (\$75,000-175,000/year); FY 2025, FY 2026, FY 2027: Implement projects listed in energy services consultant report.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.19 Achieve the City Council goal of carbon neutrality in municipal operations by 2050.

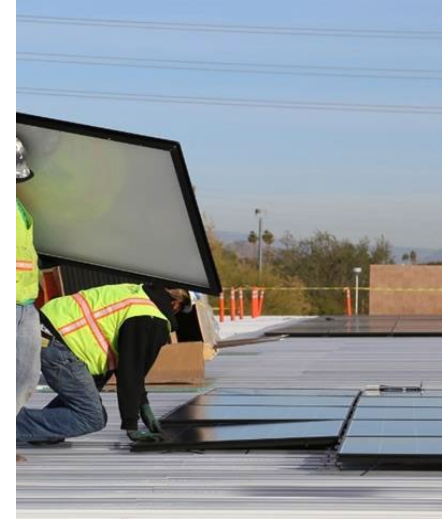
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6705179		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,815,422	\$1,075,000	\$975,000	\$175,000	\$175,000	\$4,215,422
Total	\$1,815,422	\$1,075,000	\$975,000	\$175,000	\$175,000	\$4,215,422
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$815,422	\$175,000	\$175,000	\$175,000	\$175,000	\$1,515,422
General Fund Cash Reserve - CIP	\$1,000,000	\$900,000	\$800,000	\$0	\$0	\$2,700,000
Total	\$1,815,422	\$1,075,000	\$975,000	\$175,000	\$175,000	\$4,215,422
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Energy Efficiency & Renewable Energy Federal Grant Contingency

Citywide

The Federal government plans to provide grant funding to cities and states for energy efficiency and renewable energy investments to reduce carbon emissions. This project is a placeholder should the city receive federal funds for energy projects. The City's Climate Action Plan and Climate Action Plan Update, Sustainable Facilities Masterplan, Electric Vehicle Charging feasibility study and Asset Management Program list specific energy-efficiency and renewable energy projects that could be implemented in city facilities with federal grant funds. In addition, there are projects listed in the Solar Power Partnerships CIP and Energy Conservation CIP that could be built sooner than anticipated with additional federal funds. The City anticipates receiving Energy Efficiency and Conservation Block Grant (EECBG) funds in 2023 and is applying for competitive Infrastructure Investment and Jobs Act (IIJA) funds and Inflation Reduction Act (IRA) funds.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.19 Achieve the City Council goal of carbon neutrality in municipal operations by 2050.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6709867		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Grants/Other	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Implementation of Downtown Improvements Plan

Downtown

This project is a phased implementation of the 2019 Downtown Improvements Plan, which incorporates the principles from several previous studies and prioritizes them for implementation. This is a coordinated, ongoing effort among several departments (Community Development, Community Services, Engineering and Transportation) as well as the Downtown Tempe Authority (DTA) and community stakeholders. Planned projects focus on safety, shade, walkability, and wayfinding, and are being prioritized and phased over the next 5 years. Improvements will include electrical upgrades, enhanced and festoon lighting, intersection improvements at Mill and 3rd, 4th, 6th, and 7th Streets, median improvements from Rio to University, up to four parklets/urban living rooms, up to five major and minor gateways/monuments, wayfinding signage and smart city technology, sidewalk/paver replacement/repairs, and trees and street furnishings. ADA elements and correction of other identified deficiencies are also included in this project.

The first project is the construction of festoon lighting on streets abutting Mill Avenue. Design is currently underway for improvements along Mill Avenue between University Drive and Rio Salado Parkway. Preliminary estimates from the conceptual design completed in 2022 suggest a total project cost of \$21.8 million. The project will need to be phased, with the initial phase funded at \$10.2 million in Fiscal Year 2023/24 and future phases funding the remaining balance of \$11.6 million in Fiscal Years 2025/26 and 2026/27.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6708311		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$10,170,000	\$0	\$5,800,000	\$5,800,000	\$0	\$21,770,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$10,170,000	\$0	\$5,800,000	\$5,800,000	\$0	\$21,770,000
Funding Sources	2022-23	2023-24	2024-25	2025-26	2026-27	Total 5 -Year
General Obligation Bonds	\$6,370,000	\$0	\$5,800,000	\$5,800,000	\$0	\$17,970,000
Capital Project Fund Balance	\$3,800,000	\$0	\$0	\$0	\$0	\$3,800,000
Total	\$10,170,000	\$0	\$5,800,000	\$5,800,000	\$0	\$21,770,000
Operating Impacts	2022-23	2023-24	2024-25	2025-26	2026-27	Total 5 -Year
None						

Capital Improvements Program

Overhead to Underground Utility Relocation

Citywide

Tempe City Code requires that all new development and redevelopment projects underground abutting overhead utilities. This code requirement includes applicable city CIP projects. Most large CIP projects easily absorb these costs, but some of the smaller projects struggle to cover these additional costs. Also, there are small remnant strands of overhead utilities that are an eyesore and are not scheduled by the utility companies for removal. This project will provide special funding that can be used to augment small CIP projects to meet undergrounding code requirements or to mitigate visual blight related to overhead utilities.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6710819		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$252,000	\$0	\$0	\$0	\$0	\$252,000
Total	\$252,000	\$252,000	\$252,000	\$252,000	\$252,000	\$1,260,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$252,000	\$252,000	\$252,000	\$252,000	\$252,000	\$1,260,000
Total	\$252,000	\$252,000	\$252,000	\$252,000	\$252,000	\$1,260,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Resilient Energy Hubs & Microgrids

Various City Facilities

This project is to fund the implementation of resilient energy hubs throughout the City of Tempe. Resilient Energy Hubs are a highlight action of Tempe's Climate Action Plan. The Hubs use solar and battery storage to provide clean backup power for critical city services and cooling centers. We are working to bring a consultant on-board to develop a Resilient Energy Hub Master Plan to determine potential sites across the city and develop plans for up to 20 sites at Police Stations, Fire Stations, Community Centers, Schools and Non-profit agencies. These solar and battery systems also known as microgrids can save the city money through reducing peak hour use and can ensure that we reduce extreme heat related illnesses and death. The microgrids can also help reduce the city's Greenhouse Gas emissions through fully using the city's solar installations. The first pilot project in this plan will be the EnVision Center on Dorsey and Apache Boulevard. Staff is working with a consultant on the design and location of the battery storage system for the city's first Resilient Energy Hub. The Envision Center battery project is anticipated to be completed by November 2023.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.18 Achieve community carbon neutrality by 2060 with equitable outcomes.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710829		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$900,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,700,000
Total	\$900,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,700,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$900,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,700,000
Total	\$900,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,700,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Shade and Green Stormwater Infrastructure (formerly Green Infrastructure)

Citywide

The threat of extreme heat is intensifying due to climate change and the urban heat island effect. The City's Climate Action Plan identifies specific actions to establish resilience to extreme heat, including Green Infrastructure. Tempe can save water and cool the city by designing landscapes that capture stormwater, while also growing vegetation for shade and cooling. Recent pilot projects have been funded by pooling limited resources from various city departments and community partners. This project will begin with a Green Infrastructure Master Plan in FY 2023/24 that will guide future design and construction of green infrastructure on city properties and in the public right-of-way.

NOTE: The project name was changed from "Green Infrastructure" to "Shade and Green Stormwater Infrastructure."



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

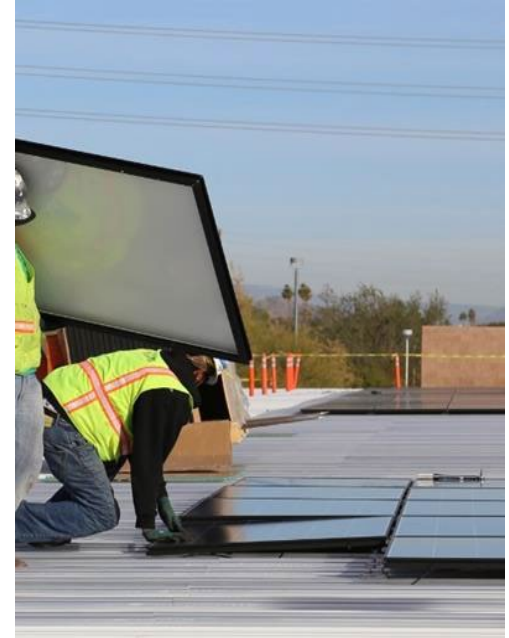
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6710809		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$775,000	\$375,000	\$375,000	\$375,000	\$1,000,000	\$2,900,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total	\$925,000	\$375,000	\$375,000	\$375,000	\$1,000,000	\$3,050,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$475,000	\$375,000	\$375,000	\$375,000	\$1,000,000	\$2,600,000
Capital Project Fund Balance	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Total	\$925,000	\$375,000	\$375,000	\$375,000	\$1,000,000	\$3,050,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Solar Power Partnerships & Solar in City Facilities

Various City Facilities

This project will help to accomplish the following objectives: increase the city's renewable energy portfolio and power city facilities with sustainable energy; utilize clean, renewable energy to offset/reduce non-renewable energy use in city facilities; and reduce the City's carbon footprint. Thirty-five percent of city facilities are powered by renewable energy. Tempe currently has 4.14 MW of solar power at 9 city facilities, 6 of those were built through solar service agreements with a solar developer. In 2019, SRP and City of Tempe entered into a partnership for 2.4 MW of utility-scale solar power from a 100 MW solar plant built in Eloy, Arizona. The utility-scale solar field came online in 2022. In December 2022, City Council entered into a partnership with APS to provide all of the city facilities in the APS service area with renewable energy. As the solar landscape is changing, staff is looking for new ways to develop solar projects in the city through partnerships with the local utility, ASU and the community. The future plan for solar installations in Tempe will include one or more of the following: (1) work with the utility on solar with battery storage to create a resilient energy hub at EnVision at Dorsey and Apache (2) install solar panels at Fire Station 2 & TMOC (3) purchase utility-scale renewable energy to power city facilities (4) collaborate with ASU and/or other cities on a solar project or renewable energy power purchase agreement, and (5) determine the feasibility of a community solar pilot project. To date, the City has achieved 35% towards Council's goal of providing 100% of city operations energy use with renewable energy sources by the year 2035.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth &
Development

4.19 Achieve the City Council goal of carbon neutrality in municipal operations by 2050.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6708369		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$500,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,300,000
Total	\$500,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,300,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$500,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,300,000
Total	\$500,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,300,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Tempe Municipal Operations Center - Phase 1

West of EVBOM Facility

This project is the first phase of the new Tempe Municipal Operations Center located on a vacant parcel of City-owned land located immediately west of the East Valley Bus Operations and Maintenance Facility (EVBOM). This project is the result of two major planning activities: the City Facilities Space Study (FY 2019/20) and the Municipal Operations Site Plan Study (FY 2020/21). These studies identify opportunities to consolidate and masterplan the needs of multiple city departments that currently have facilities at the Hardy Yard, Transportation Maintenance facility, and Priest Yard. Phase 1 will focus on earthwork, drainage, and utilities for the entire site, as well as a building to house Transportation Maintenance and Parks. A separate project, Phase 2, will focus on an additional building and facilities for Fleet and Solid Waste.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710611		7/1/2022		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$28,226,516	\$0	\$0	\$0	\$0	\$28,226,516
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$28,226,516	\$0	\$0	\$0	\$0	\$28,226,516
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
American Rescue Plan Act	\$27,226,516	\$0	\$0	\$0	\$0	\$27,226,516
General Obligation Bonds	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Total	\$28,226,516	\$0	\$0	\$0	\$0	\$28,226,516
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$0	\$55,120	\$56,338	\$57,633	\$59,002	\$228,092
Supplies and Services	\$0	\$27,100	\$27,100	\$27,100	\$27,100	\$108,400
Total	\$0	\$82,220	\$83,438	\$84,733	\$86,102	\$336,492

Capital Improvements Program

Tempe Municipal Operations Center - Phase 2

West of EVBOM Facility

This project will design and construct the second phase of the new Tempe Municipal Operations Center on a vacant parcel of City-owned land located immediately west of the East Valley Bus Operations and Maintenance Facility. This project is the result of two major planning activities: the City Facilities Space Study (FY 2019/20) and the Municipal Operations Site Plan Study (FY 2020/21). These studies identify opportunities to consolidate and masterplan the needs of multiple city departments that currently have facilities at the Hardy Yard, Transportation Maintenance facility, and Priest Yard. This phase will focus on a new building and facilities for Fleet and Solid Waste.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6711269		7/1/2022		12/31/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$45,443,776	\$16,556,224	\$0	\$0	\$0	\$62,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$45,443,776	\$16,556,224	\$0	\$0	\$0	\$62,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$5,900,000	\$8,556,224	\$0	\$0	\$0	\$14,456,224
Solid Waste Fund	\$20,000,000	\$0	\$0	\$0	\$0	\$20,000,000
General Fund Cash Reserve - CIP	\$19,543,776	\$8,000,000	\$0	\$0	\$0	\$27,543,776
Total	\$45,443,776	\$16,556,224	\$0	\$0	\$0	\$62,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$0	\$55,120	\$56,338	\$57,633	\$59,002	\$228,092
Supplies and Services	\$0	\$85,000	\$69,500	\$285,500	\$69,500	\$509,500
Total	\$0	\$140,120	\$125,838	\$343,133	\$128,502	\$737,592

Capital Improvements Program

ADA Improvements - City Facilities

Various

This project involves updating infrastructure not constructed to current ADA specifications and improving overall accessibility using the ADA Transition Plan. The Transition Plan includes city facilities and identifies and prioritizes needed improvements. This project will work to establish a long-term plan for making city facilities more accessible. It is expected to be approximately \$300,000 - \$1 million in modifications at each facility. Projects already identified are upgrading fire alarms and correcting door/access issues. Currently, design work is taking place on restroom renovations for Adult Services building.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.14 Achieve accessibility in all city rights-of-way, parks, and facilities as identified in the Tempe ADA Transition Plan.

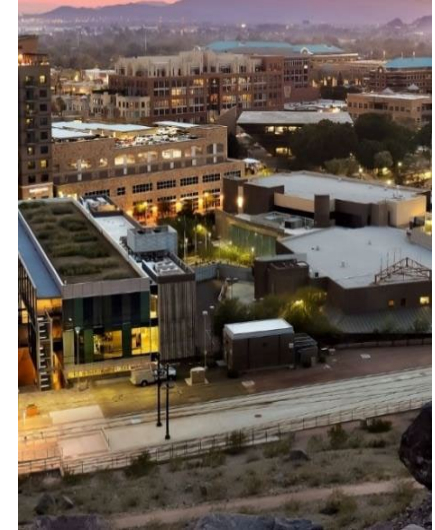
Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6709869		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$1,160,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,160,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,160,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,160,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,160,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,160,000
Total	\$1,160,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,160,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Chilled Water Loop Repairs - Downtown City Buildings

Downtown Municipal Campus

This CIP provides multi-year funding to make repairs and upgrades to an aging chilled water system for downtown city facilities. The chilled water system serves cooling to the following downtown buildings: Main PD/Courts Complex, 525 building, City Hall complex and TPAC/Old Performing Arts Building. Facilities initiated an assessment in an effort to plan and prioritize upgrades to various chilled water system. As complex as this system is, planning for various upgrades to this old system is crucial to having a cooling system for the downtown buildings. The age of existing systems is between 25 and 50 years old. Upon the initial assessment it was found that there is corrosion with the chilled water pipes (Interior and Exterior), and it has been discovered that in some areas incorrect piping material was used. Numerous items have been addressed such as adding isolation valves, new pumps, and replacement of the underground piping that runs below 5th street were completed in FY 2021-22. The next items are: 22/23 City Hall West Wing - In process; 23/24 City Hall East Wing (\$3.04M) and City Hall Tower (\$3.115M); 24/25 AHU Main PD (Phase 2); 25/26 AHU Main PD (Phase 3)



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710109		3/13/2019		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$8,855,000	\$900,000	\$900,000	\$900,000	\$900,000	\$12,455,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,855,000	\$900,000	\$900,000	\$900,000	\$900,000	\$12,455,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$8,855,000	\$900,000	\$900,000	\$900,000	\$900,000	\$12,455,000
Total	\$8,855,000	\$900,000	\$900,000	\$900,000	\$900,000	\$12,455,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Facilities Small Scale Remodel

Various Citywide

This project funds small scale remodel projects. Although these are smaller projects, they are important to the staff and patrons of our facilities. Projects will be evaluated based on the project priority criteria: 1) Public Health and Safety; 2) Asset Preservation; 3) Customer Enhancements; and 4) System Expansion.

Some of the projects planned over the next 5 years are approximately \$3.5M and include: Community center projects such as updating cabinets, flooring, painting, and refurbishing restrooms at 525 bluiding. Other facilities in need of flooring updates and painting include 525, Library, History Museum, and several Fire Stations. There are also projects to address for space use changes and address safety issues. Some projects will be completed in a phased approach due to size of the facilities and to minimize disruption to the public.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

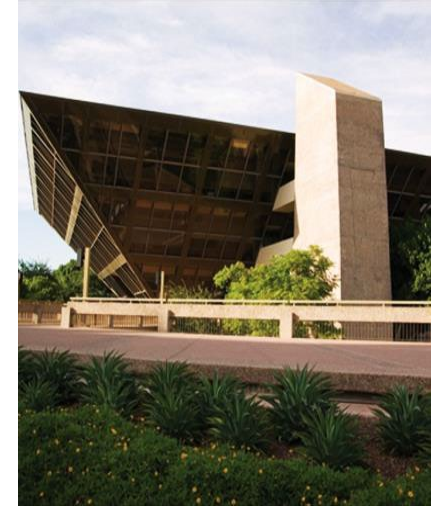
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6708289		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$960,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,960,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$960,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,960,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$960,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,960,000
Total	\$960,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,960,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Hall Municipal Complex Improvements

Harry E. Mitchell Government Center

The City completed a space utilization analysis (MAKERS Facility Study), a facility condition and asset management assessment (FM Solutions Condition Assessment), and a Municipal Complex Modernization Plan. The studies included the condition and needs of the City Hall building including the Council Chambers, the West and East Garden Level Wings, and the City Hall Tower. The MAKERS study conducted a highest-and-best use analysis of the City Hall Complex and recommended the facility continue to function as the center of city government. The FM Solutions Condition Assessment, using a scale of Good, Fair, Poor, or Critical, categorized the Municipal Complex condition as "Poor" (FCI=28.27%). This CIP will use these studies and the Modernization Plan to improve the general condition of the City Hall building's public and office spaces with remodels and upgrades. Proposed phasing: (1) Council Chambers -COMPLETED (2) Modernization - Design East Wing in FY 25/26 (3) Modernization - Construction East Wing in FY 26/27 and Modernization - Design West Wing in FY 26/27 (4) Modernization - Construction West Wing in FY 27/28.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6709519		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$190,000	\$176,000	\$366,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$260,000	\$749,000	\$450,000	\$1,459,000
Survey / Staking	\$0	\$0	\$0	\$41,000	\$50,000	\$91,000
Inspection & Construction Management	\$0	\$0	\$0	\$288,000	\$352,000	\$640,000
Geotech / Material Testing	\$0	\$0	\$0	\$41,000	\$50,000	\$91,000
Contingency	\$0	\$0	\$0	\$411,000	\$503,000	\$914,000
Construction / Installation / Improvement	\$0	\$0	\$0	\$2,300,000	\$3,533,500	\$5,833,500
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$125,000	\$125,000	\$250,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$260,000	\$4,145,000	\$5,239,500	\$9,644,500
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$260,000	\$4,145,000	\$5,239,500	\$9,644,500
Total	\$0	\$0	\$260,000	\$4,145,000	\$5,239,500	\$9,644,500
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Hall Municipal Complex Repairs

Harry E. Mitchell Government Center

In FY19/20, during construction of the Council Chambers, it was discovered that the plaza level decking and underlying roofing membranes throughout the Municipal Complex were inadequate, creating safety concerns and water intrusion. Design services are progressing for the replacement of the Municipal Complex's plaza deck and roof. During these design efforts, it has been discovered that additional structural deficiencies throughout the complex are also in need of repair. Reinforced concrete and exposed, rusted rebar have deteriorated in many locations throughout the complex, which will need to be addressed and prioritized. There are also tree roots that are growing between the plaza decking and the roofing membranes. Landscape architecture services are needed to assess which trees may be contributing to current and future damages to the facility. Also, a recently submitted ADA Self Evaluation report shows corrections in the similar areas of decking and reinforced concrete repairs. Many of the ADA repairs will need to be addressed during the same timeframe of the structural repairs. Plaza deck and roofing design have already started in FY21/22. After the additional assessments are completed, the final report will rank corrections by priority to be repaired or reconstructed over the next 5 - 10 years. It is estimated that approximately \$2M per year will be needed.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710119		7/1/2018		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$6,858,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$11,358,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$6,858,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$11,358,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$6,858,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$11,358,000
Total	\$6,858,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$11,358,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Cooling Tower Replacement and Repairs

Main PD and Apache PD

The cooling towers at Main PD and Apache PD are past or approaching the end of asset life. Maintenance and replacement plan for these major assets is needed. Cooling towers are used for heating, ventilation, and air conditioning (HVAC). Cooling towers provide a cost-effective and energy efficient operation of systems in need of cooling. An assessment of the facilities and repair/replacement schedule will be completed FY22/23.

Approximately \$50k in maintenance yearly is needed to keep the cooling towers operational until major repairs and/or replacement is complete. Design will be needed for repairs and/or replacement. Due to long lead times, equipment will need to be pre-ordered. Any scheduled repairs or replacements must take place during the winter months.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

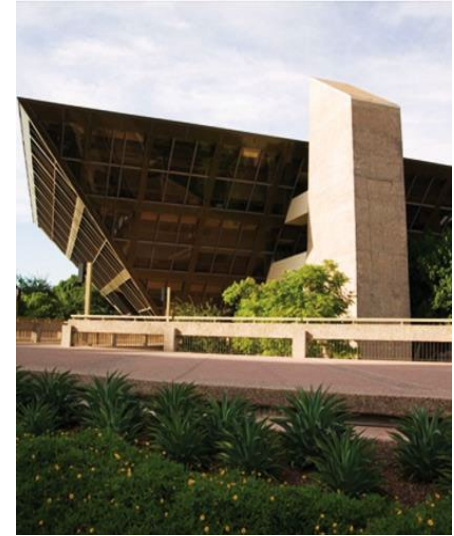
Priority Type						
Asset Preservation	6711279	7/1/2023		6/30/2026		
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000

Capital Improvements Program

Emergency Capital Repairs

Various

This project funds major unplanned and emergency repairs to building assets across approximately 135 City facilities with over 2 million square feet of space. Each year the city experiences unplanned incidents, including storm-related damage, property damage, sewer back-ups, flooding and electrical emergencies. The purpose of this CIP is to respond to emergencies at public facilities and buildings. This CIP helps to cover unexpected repairs.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.11 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Feeling of Safety in City Facilities" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey and the Employee Survey.

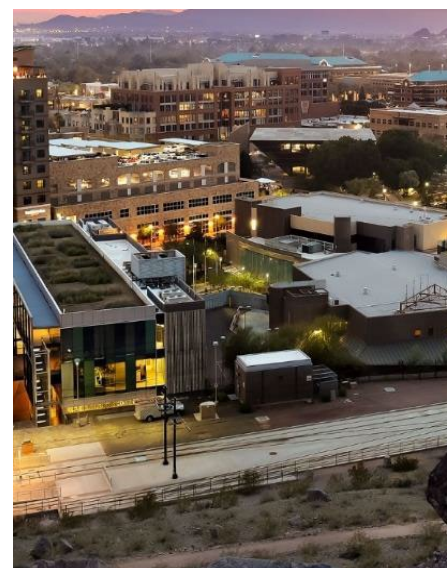
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6799779		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$343,500	\$325,000	\$325,000	\$325,000	\$325,000	\$1,643,500
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$343,500	\$325,000	\$325,000	\$325,000	\$325,000	\$1,643,500
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$343,500	\$325,000	\$325,000	\$325,000	\$325,000	\$1,643,500
Total	\$343,500	\$325,000	\$325,000	\$325,000	\$325,000	\$1,643,500
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Existing City Building Asset Mgt Program-Replacements/Repairs

Citywide

This project funds major asset system replacements and upgrades across approximately 135 City facilities. This project provides funding for repairs and renovations of City facility infrastructure such as: roofing, plumbing, electrical systems, fire systems, HVAC, fencing, automated gates, and roll up doors. This project is to maintain safe, inviting and functioning city facilities while extending the life of the facilities. Repairing and replacing assets prior to failure, minimizes future capital needs and reduces impacts to City services relied on by residents, customers, and employees. This CIP request has increased in dollar amount to promote and move the City closer to achieving Performance Measures 4.14 and 3.36. At current funding levels, a large gap is created between the needs of City facilities and the financial ability to address the needs. Justification for this request includes data collection, analysis and recommendations from a variety of industry consultants including 1) Facilities Master Plan study by Makers; 2) Asset life cycle plan for the following assets: Elevators, grease traps, and fire systems, roll up doors; 3) Tempe's asset management software program which tracks asset life cycles, condition ratings and costs for replacement; 4) Assessments; and 5) Employee Survey results. Operating Impacts have been included to cover preventative maintenance costs to help extend the life of new and existing assets and for the increase in cost of replacement components and materials. The recommended plan from Makers includes budgeting for annual predicted maintenance and deficiencies. Currently, for general funded facilities that are not already separately funded for maintenance, predicted maintenance is \$29.917M for the next 5 years and deficiencies total \$41.112M. Average total cost is approximately \$10.19M per year.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Priority Type						
Asset Preservation	6708849		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$8,817,000	\$6,200,000	\$6,200,000	\$6,925,000	\$6,466,000	\$34,608,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,817,000	\$6,200,000	\$6,200,000	\$6,925,000	\$6,466,000	\$34,608,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$8,817,000	\$6,200,000	\$6,200,000	\$6,925,000	\$6,466,000	\$34,608,000
Total	\$8,817,000	\$6,200,000	\$6,200,000	\$6,925,000	\$6,466,000	\$34,608,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000
Total	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000

Capital Improvements Program

Historical Facilities Maintenance

Various Citywide

This project combines the efforts of the Facilities Section with Community Services to fund the rehabilitation and repair of aging historic facilities, infrastructure, and systems. The City has 9 buildings designated as historic properties with an average age of 100 years (Peterson House, Hayden Flour Mill, Hackett House, Elias Rodriguez, BB Moeur House, Hayden House, Hatton Hall, Sandra Day O'Connor and Eisendrath). The project includes rehabilitation and repair of roofing, flooring surfaces, painting, plumbing, electrical systems, heating, ventilation and air conditioning (HVAC), fencing and gates, and security and fire systems. This project will enable the City to continue to preserve and maintain our historic property assets and to expand services to the community while investing in the neighborhoods in which they reside. An assessment was conducted at Eisendrath, and it recommends stucco replacement over 4 years at approximately \$75k per year. Other projects include: Peterson House Porch Replacement, Hackett House Roof Replacement, BB Moeur sidewalk, and lighting upgrades.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6706809		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$729,000	\$357,000	\$357,000	\$357,000	\$425,000	\$2,225,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$729,000	\$357,000	\$357,000	\$357,000	\$425,000	\$2,225,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$729,000	\$357,000	\$357,000	\$357,000	\$425,000	\$2,225,000
Total	\$729,000	\$357,000	\$357,000	\$357,000	\$425,000	\$2,225,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Citizen / Customer Relationship Management (CRM) System

120 E 5th St

The City of Tempe does not own a fully functional / robust CRM (Customer / Citizen Relationship Management) solution. The City currently uses a variety of siloed digital platforms to connect with citizens and services. The need for an easy, streamlined and effective digital engagement solution is crucial for communicating and advancing the City's programs, priorities and vision. As we have most recently seen with the proposed Coyotes Arena, the need to effectively engage with citizens regarding subjects of community interest must be a top priority. In order for initiatives, such as the 30/60/90 plan to address the unsheltered population, to successfully reach their goals, and make a positive impact for our residents and the City, there must be a strong relationship management tool. This new system would allow for a centralized repository for all public engagement to be used by all the departments. It would allow for public outreach and two-way communication. In addition data will be readily available for reporting and analysis. The 2025/26 estimates are based on an Enterprise solution with 300 user licenses at approximately \$150 / month / user. In addition implementation, consulting and training for the first year is estimated at 75% of the licensing cost.



Primary City Council Priority and Performance Measure Addressed



Strong Community
Connection

2.05 Achieve 90% ratings for Tempe's online services of "Very Satisfied" or "Satisfied" for ease of use and needs met in Customer Experience Surveys and Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6711289		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$100,000	\$940,000	\$0	\$0	\$0	\$1,040,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$100,000	\$940,000	\$0	\$0	\$0	\$1,040,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$100,000	\$940,000	\$0	\$0	\$0	\$1,040,000
Total	\$100,000	\$940,000	\$0	\$0	\$0	\$1,040,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$150,000	\$690,000	\$540,000	\$540,000	\$540,000	\$2,460,000
Total	\$150,000	\$690,000	\$540,000	\$540,000	\$540,000	\$2,460,000

Capital Improvements Program

Cybersecurity & Regulatory Compliance Program

Citywide

The City of Tempe's cybersecurity and regulatory compliance program serves all City Departments. This request seeks to significantly advance metrics associated with the Cyber Security Council Priority (5.12). The items outlined in this proposal cover costs associated with adopting protective programs/processes that significantly advance Tempe's ability to protect and defend our critical infrastructure and information assets from unauthorized access and data breach. Keeping up with the times: in the area of cloud computing it has become an operational necessity to secure and maintain visibility of Tempe's critical infrastructure and information assets wherever they are hosted and accessed from. Adopting this request helps City of Tempe manage and mitigate cyber related risks significantly advancing Council Priority 5.12. Investing in these proactive measures helps Tempe be able stewards of the data that we process. Example data breach impacts involve public press releases advising the community of loss of integrity and confidentiality of Fire Medical health records, Public Safety or Court criminal records and Credit Card release. A typical data breach costs about 9 Million dollars to settle and recover. While Tempe does carry data breach insurance the adjuster can nullify Tempe's claim if we are not industry current in our handling of confidential and regulatory protected information assets.



This request is the accelerated model of Cybersecurity & Regulatory Compliance Program, which was the model approved as part of FY 21/22 CIP request. This model, implements the cybersecurity program in the quickest timeframe possible. This accelerated model helps IT build its unified event management program. This means technology device logs for on-premises computers, firewalls and devices like printers place a copy of their event logs in a single pane of glass along with cloud computers and firewalls. This single pane of glass makes IT more effective because a technologist can see the entire technology stack at one time when they troubleshoot a problem and plan for a technology upgrade.

Primary City Council Priority and Performance Measure Addressed



Financial Stability & Vitality

5.12 Achieve 100% compliance with the National Institute of Standards and Technology (NIST) Cyber Security Framework (CSF) for the protection of critical infrastructure.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710129		4/10/2019		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$1,970,000	\$1,040,000	\$1,040,000	\$1,040,000	\$1,195,000	\$6,285,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,970,000	\$1,040,000	\$1,040,000	\$1,040,000	\$1,195,000	\$6,285,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,970,000	\$1,040,000	\$1,040,000	\$1,040,000	\$1,195,000	\$6,285,000
Total	\$1,970,000	\$1,040,000	\$1,040,000	\$1,040,000	\$1,195,000	\$6,285,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Data and Technology Plan

120 E 5th St

Mayor Corey Woods established the Tempe Public Safety Advisory Task Force (PSATF) with the goal of building trust, accountability and dialogue between the community and Tempe Police. The PSATF identified Data and Transparency as one of the five strategic pillars with a bold vision to build trusting relationships with the community through data-driven insights, capability enablement and operational planning to improve decision making for the City of Tempe and the Police Department. Tempe issued a RFP to establish a contract with a qualified firm to provide consulting services to perform a comprehensive technology and data assessment of the Tempe Police Department, Fire Medical Rescue, Human Services, Courts, and Information Technology to build a case for change, identify data and technology needs, and identify challenges and key risks to be mitigated.

This CIP will fund data discovery to build a Data and Technology Plan (DTP) and implementing the recommendations from the final DTP recommendation. The project will use the DTP's analysis and data architecture to implement a software solution that will operationalize the recommendations in the completed data plan, build a data warehouse to support the PSATF's bold data vision, and publish internal and external data to improve Public Safety for our community. In addition, this new data platform will be scalable as a city-wide solution for other departmental needs requiring advanced analytics leveraging multiple data sources such as operationalizing data from Tempe's Advanced Meter Infrastructure (AMI) and water delivery system to improve leak detection, advance water conservation efforts, and efficiently delivering clean water to our community.



Primary City Council Priority and Performance Measure Addressed



Strong Community
Connection

2.06 Achieve trust scores between 80 and 100 on a scale of 0 (Totally Disagree) to 100 (Totally Agree) as measured by the monthly Police Sentiment Survey greater than or equal to the top 10% of national benchmark cities.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6710839		7/1/2022		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$1,190,180	\$950,000	\$0	\$0	\$0	\$2,140,180
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,190,180	\$950,000	\$0	\$0	\$0	\$2,140,180
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,190,180	\$950,000	\$0	\$0	\$0	\$2,140,180
Total	\$1,190,180	\$950,000	\$0	\$0	\$0	\$2,140,180
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$675,000	\$675,000	\$530,000	\$530,000	\$530,000	\$2,940,000
Total	\$675,000	\$675,000	\$530,000	\$530,000	\$530,000	\$2,940,000

Capital Improvements Program

Enterprise Software Upgrades and Replacement

Citywide

When this CIP was originally submitted the Technology and Innovation Steering Committee (TISC) had not been established. With TISC now in place, there is oversight on the technology needs of the City which includes vetting and ranking of potential technology projects. There are many small and mid-size projects that address a business need, requires an upgrade, or a replacement of current technology which do not have a funding source. This 'technology project refresh' CIP would establish ongoing funding to allow for the upgrading and replacement of these smaller initiatives, as well as contracted support to assist in the timely execution of these projects.



Primary City Council Priority and Performance Measure Addressed



Strong Community
Connection

2.05 Achieve 90% ratings for Tempe's online services of "Very Satisfied" or "Satisfied" for ease of use and needs met in Customer Experience Surveys and Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6708739		7/10/2017		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$370,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,170,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$370,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,170,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$370,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,170,000
Total	\$370,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,170,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Microwave Communications Replacement

Citywide

The current microwave infrastructure, currently provides redundant communication to critical locations providing services for Community Service Facilities, Water, Police, and Fire, and primary communication to locations such as the marina, Golf, and pools. The current enterprise microwave network infrastructure and associated equipment is reaching end of service life and support. As security video demands, software applications requirements become larger, and network devices become increasingly faster, this would consist of a three year program to replace the microwave antennas and associated equipment with new equipment necessary to sustain increasing network speeds and bandwidth demands, for such remote campuses. Because the current microwave infrastructure was replaced more than 10 years ago, it has become necessary to replace the outside equipment, on the monopoles and antennas, and the receivers inside the communication rooms, as the current hardware has become obsolete and is no longer available through vendors for continuing support of the current microwave infrastructure environment.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

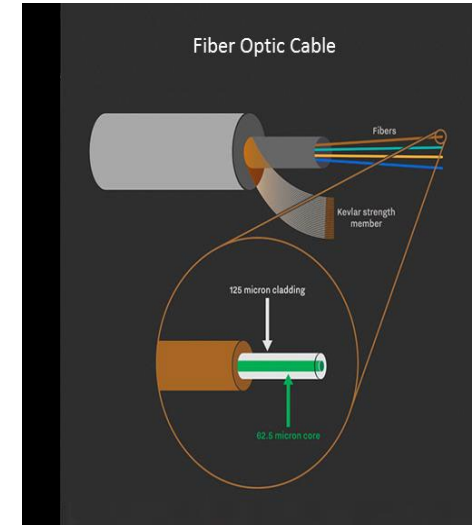
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710849		7/1/2022		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$132,000	\$100,000	\$100,000	\$105,000	\$0	\$437,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$132,000	\$100,000	\$100,000	\$105,000	\$0	\$437,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$132,000	\$100,000	\$100,000	\$105,000	\$0	\$437,000
Total	\$132,000	\$100,000	\$100,000	\$105,000	\$0	\$437,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Multimode Fiber Replacement

Various

The City's current fiber communication infrastructure consists of single mode fiber, with a few legacy connections using multimode fiber. At many of Tempe's locations, the multimode fiber has been installed for more than 15 years, weathering the elements. Replacing the fiber will prevent fiber degradation and network communication failures. As technology has evolved, the standards for multimode fiber have evolved, therefore causing the current multimode fiber to become obsolete and unrecognized by industry standards. Replacing the current multimode fiber will bring the fiber infrastructure up to industry standards, as well as ensure an enterprise (City-wide) standard for connectivity to the Police, Water, and Fire facilities.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

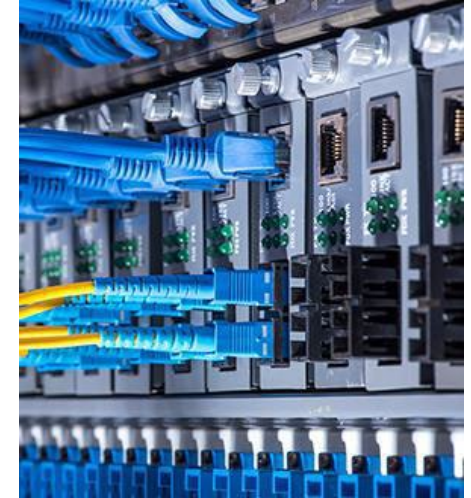
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	N/A		7/1/2023		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$943,100	\$943,100
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$943,100	\$943,100
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$0	\$943,100	\$943,100
Total	\$0	\$0	\$0	\$0	\$943,100	\$943,100
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Network Cabling Replacement

Citywide

Replace the enterprise network station cabling and associated equipment that is reaching end of service life and support. As software applications become larger and network devices become increasingly faster, this would consist of a five year program to replace the existing station cabling and associated equipment with new cabling and equipment necessary to sustain increasing network speeds and bandwidth demands, for all City of Tempe campuses. Because the current cabling infrastructure was replaced more than 10 years ago, it has become necessary to replace the cabling hardware in the communication rooms as the current hardware has become obsolete and is no longer available through vendors for continuing support of the current cabling environment. The recabling of the Apache Police facility has become a prerequisite to the UPS replacement, with the need to relocate the station cables to another communication room to accommodate space for the new UPS. Due to continued shipment delays and resource availability, the cost of recabling continues to rise as much as 35%.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710569		7/1/2021		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$540,000	\$370,000	\$295,000	\$147,500	\$347,500	\$1,700,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$540,000	\$370,000	\$295,000	\$147,500	\$347,500	\$1,700,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$540,000	\$370,000	\$295,000	\$147,500	\$347,500	\$1,700,000
Total	\$540,000	\$370,000	\$295,000	\$147,500	\$347,500	\$1,700,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

PeopleSoft Replacement

120 E 5th St

Replacement of the Oracle Peoplesoft enterprise resource planning (ERP) system, which includes Human Capital Management (HCM) and Financials. Implementation of these programs began in 1997 and while there have been enhancements, the overall functionality of the system has remained the same. The current system has served the City well over the years but has not kept pace with modern software applications that provide enhanced functionality with an improved user interface for both internal and external users and a focus on using the application with a variety of mobile devices. The software support contract for PeopleSoft has been moved away from Oracle to a third-party provider which provides the City with substantial annual savings, but also diminishes the opportunity for future enhancements and creates challenges to maintain the required security of the application. This will be a multi-year project with first year funding for professional consulting to analyze the current state and provide options for possible solutions. The second year of fund will replace the HRMS system and the third year will replace the Financials system.



Primary City Council Priority and Performance Measure Addressed



Financial Stability & Vitality

5.12 Achieve 100% compliance with the National Institute of Standards and Technology (NIST) Cyber Security Framework (CSF) for the protection of critical infrastructure.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6711299		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$250,000	\$1,250,000	\$1,250,000	\$0	\$0	\$2,750,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$250,000	\$1,250,000	\$1,250,000	\$0	\$0	\$2,750,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$250,000	\$1,250,000	\$1,250,000	\$0	\$0	\$2,750,000
Total	\$250,000	\$1,250,000	\$1,250,000	\$0	\$0	\$2,750,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$150,000	\$400,000	\$250,000	\$250,000	\$1,050,000
None	\$0	\$150,000	\$400,000	\$250,000	\$250,000	\$1,050,000

Capital Improvements Program

Public Internet Technology

Citywide

The Public Internet Technology project will enhance the capabilities of Tempe's free public Internet access through public computers and wireless access for citizens visiting public facilities, such as the Library complex, City Hall, Tempe Center for the Arts, and recreation centers. Tempe currently provides over 150 physical computers for web browsing, e-reading, and email to users of our recreation facilities and library. The wireless network averages between 400-600 active device connections at any point during the day, with usage spiking during holidays and summer months. Installed in 2008 for web browsing and email, the system has been updated in 2015. This update supports the evolution of the internet, proliferation of personal smart devices, citizen browsing requirements, and security capabilities to support services Tempe would like to provide (for example; YouTube, Facebook, and online library resources).

The Internet is continually evolving and become more pervasive in our everyday life. The capabilities of smart devices (tablets, cellular phones) and soon wearable technology will continue to consume connections and bandwidth from our public facing wireless systems. Additionally, the usage of a typical user on a public workstation has transitioned from email and web browsing to social media including streaming services such as music and videos.



Primary City Council Priority and Performance Measure Addressed



Strong Community
Connection

2.05 Achieve 90% ratings for Tempe's online services of "Very Satisfied" or "Satisfied" for ease of use and needs met in Customer Experience Surveys and Community Survey.

Priority Type						
Asset Preservation	6708299	7/1/2017			Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$292,500	\$150,000	\$343,000	\$82,500	\$131,850	\$999,850
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$292,500	\$150,000	\$343,000	\$82,500	\$131,850	\$999,850
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$292,500	\$150,000	\$343,000	\$82,500	\$131,850	\$999,850
Total	\$292,500	\$150,000	\$343,000	\$82,500	\$131,850	\$999,850
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$31,200	\$39,000	\$39,000	\$46,800	\$156,000
Total	\$0	\$31,200	\$39,000	\$39,000	\$46,800	\$156,000

Capital Improvements Program

Security Systems Upgrades

Citywide

Tempe maintains 135 buildings covering 1,600,000 million square feet. Special Systems are an important part of safety and security throughout Tempe Facilities. Special Systems include the following: security alarms, video security, card access, environmental and energy management controls. Card access system is comprised of 62 access controls and 440 doors and gates. There are over 44 security alarm panels. The city has over 63 sprinkler systems and has over 370 cameras throughout city facilities.

The useful life of these systems range from cameras with a life cycle of 5-7 years, 10 years on security and surveillance systems. The systems are crucial in protecting our infrastructure and facilities. This project continues the work associated with Apache Police Department Security System and two other projects that were funded in FY 2016-17.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.11 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Feeling of Safety in City Facilities" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey and the Employee Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6707609		7/1/2017		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$2,167,000	\$724,000	\$800,000	\$300,000	\$308,000	\$4,299,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,167,000	\$724,000	\$800,000	\$300,000	\$308,000	\$4,299,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,167,000	\$724,000	\$800,000	\$300,000	\$308,000	\$4,299,000
Total	\$2,167,000	\$724,000	\$800,000	\$300,000	\$308,000	\$4,299,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Team Technology Refresh

Citywide

The Team Technology Refresh - Green Initiative project to replace aging team devices across the city organization on a rotating four year basis. The project was previously known as the Desktop Technology Refresh; with a scope limited to replacing only PCs and Virtual Desktop Hardware.

Evolving technology, laptop docking solutions, secure VPN options, and increased need for work flexibility have increased the utilization of laptops/tablet devices. The "Desktop Technology Refresh" previously did not include refresh of laptops and domain joined tablets (such as Surface models.) Departments were required to fund any such replacements themselves. To enhance support for this business need and enable a "single device usage" model for users requiring mobility, beginning in FY21-22 laptops and dock-capable devices are included. Laptops and Surface style tablets feature greater energy efficiency compared to desktops due to solid state hardware, as well as enabling less total devices requiring power.



Device Costing baxed upon 80-85% Single Device deployments.

Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6707229		7/1/2014		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$2,297,875	\$1,565,475	\$1,704,775	\$1,757,400	\$1,810,450	\$9,135,975
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,297,875	\$1,565,475	\$1,704,775	\$1,757,400	\$1,810,450	\$9,135,975
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,297,875	\$1,080,475	\$1,492,275	\$1,681,325	\$1,810,450	\$8,362,400
Water / Wastewater Fund	\$0	\$485,000	\$0	\$55,675	\$0	\$540,675
Transit Tax	\$0	\$0	\$212,500	\$20,400	\$0	\$232,900
Total	\$2,297,875	\$1,565,475	\$1,704,775	\$1,757,400	\$1,810,450	\$9,135,975
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Comm Room UPS Replacement

Citywide

In each facilities communication room, a battery UPS power unit resides, providing backup power to network services, including telephone service. In the event of a power failure, it not only provides backup power, but it also provide a bridge of power for facilities that have generator backups, as well as conditions and provides clean consistent power source to sensitive network equipment. The power conditioning protects the device electronics from power spikes and surges. Many of the UPS units are more than 10 years old and are approaching end of life with battery and electronic compatibilities. As more services depend on network connectivity, the demand to ensure that these services are available during a power outage increases as well. Critical facilities include Police stations, Fire stations, and Water facilities. The replacement of current UPS's will ensure the ability to monitor each unit remotely, provide power protection for sensitive network equipment, provide temporary power in the event of a power failure for network services, including telephony. Because the life span of UPS batteries is between 5 and 10 years, depending on the size and type of battery, this expenditure will need to be a reoccurring cost. Currently the UPS, located at the Apache Police Station, is failing and needs the batteries and electronics replaced. Standard UPS durations are rated for 15-30 minutes of backup time, enabling backup generators to power up and supply sufficient power. To minimize the impact of a failed generator and provide enough time to relocate 911 Communications from the Apache Police Station to the backup location, at Hardy Police Station, an extended time of 4 hours is required. In addition, two backup UPS' are needed at Apache Police Station, to enable scheduled maintenance to be performed without interruption during maintenance on the initial UPS system. Hence the significant cost to replace the Apache Police Station UPS.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710859		7/1/2022		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$621,300	\$208,000	\$162,000	\$140,000	\$0	\$1,131,300
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$621,300	\$208,000	\$162,000	\$140,000	\$0	\$1,131,300
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$587,300	\$108,000	\$162,000	\$140,000	\$0	\$997,300
Water / Wastewater Fund	\$34,000	\$100,000	\$0	\$0	\$0	\$134,000
Total	\$621,300	\$208,000	\$162,000	\$140,000	\$0	\$1,131,300
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Communications Vault Replacement

Citywide

The City's current communication infrastructure consists of 457 pull boxes and communication vaults. The pull boxes and vaults provide access to City fiber that connects voice, data, security, video, and internet services to City facilities, including Police, Fire, Water, and Recreational facilities. Over the past 30 years, the vaults have begun to deteriorate from weather, traffic, and vandalism. As concrete vaults continue to deteriorate causing metal lids to not close securely, lids have needed to be welded down, for public safety and security measures. Replacing the pull boxes and vaults will provide measures for safety and securing our communication lines between facilities.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

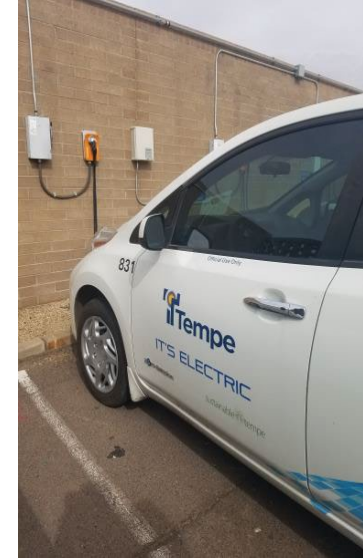
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710869		7/1/2022		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$663,400	\$643,400	\$643,400	\$646,200	\$0	\$2,596,400
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$663,400	\$643,400	\$643,400	\$646,200	\$0	\$2,596,400
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$663,400	\$643,400	\$643,400	\$646,200	\$0	\$2,596,400
Total	\$663,400	\$643,400	\$643,400	\$646,200	\$0	\$2,596,400
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Electric Vehicle Charging Infrastructure/Stations

Multiple Municipal Facility Sites

This project will fund design, construction and installation of fixed electric vehicle (EV) charging station infrastructure and solar-powered mobile charging stations. In advancement of City Council's Climate Action Plan goals, Performance Measure 4.19 and existing strategies 1 and 2 within Performance Measure 4.19, Fleet Services is transitioning all city vehicles less than one ton to EVs. Fleet is already purchasing EVs at an increasing rate, but sufficient EV charging stations located around the city are required prior to EV acquisition to ensure safe and reliable operation. Many of the EV charging stations will also be available to the public and/or employees to charge personal vehicles, aligning with Performance Measure 4.18 Community Carbon Neutrality as well. Associated funding (Operating Budget) provides ongoing staff to manage the EV Program including overseeing the purchase/construction and maintenance of EVs and associated infrastructure, applying for grants and researching emerging technologies such as hydrogen fuel to develop a robust, resilient plan to reduce greenhouse gas emissions from the city fleet. Fleet services does not currently have staff to execute the EV infrastructure CIPs at a high rate. The addition of staff to execute EV CIP projects advances Performance Measure 5.09 CIP Funds Spent or Encumbered.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.19 Achieve the City Council goal of carbon neutrality in municipal operations by 2050.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6709899		10/1/2019		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,080,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,284,000	\$6,874,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,080,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,284,000	\$6,874,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,080,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,284,000	\$6,874,000
Total	\$2,080,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,284,000	\$6,874,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fuel Dispenser Replacement

EVBO Fuel Station

This project will fund replacement of fuel dispensers at the East Valley Bus Operations and Maintenance Facility (EVBO). Existing fuel dispensers are nearing the end of their useful life and need to be replaced by Fiscal Year 2023-2024. If dispensers are not replaced and fail, fueling for first responder and other essential services vehicles may be interrupted. There are two diesel fuel and two unleaded gasoline dispensers, with two hoses per dispenser, that need to be replaced. The estimated design is 52,000 and replacement cost is \$300,000, plus an additional \$50,000 for new electrical and instrumentation conduit and wiring.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6710879		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$352,000	\$0	\$0	\$0	\$0	\$352,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$352,000	\$0	\$0	\$0	\$0	\$352,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$352,000	\$0	\$0	\$0	\$0	\$352,000
Total	\$352,000	\$0	\$0	\$0	\$0	\$352,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Wastewater BioMarker Analytics Program Infrastructure

Various Locations

This request is for funding to sustain the Wastewater Analytics Program initiated with City Council Innovation funding in 2018. Capital Improvement Program (CIP) funding for sampling site infrastructure will increase the number of collection areas from 8 to 12 and replace temporary equipment. A smaller collection area footprint aids data analysis and efficient deployment of resources by TFMR, Human Services, CARE 7. This project includes the construction of four new permanent wastewater sampling stations. The City of Tempe and the ASU Biodesign Center for Environmental Health Engineering continue to monitor opioid and COVID-19 in wastewater throughout the City and the Town of Guadalupe. Prior to the pandemic, and with critical collaboration with Tempe Fire Medical Rescue, the program team started to examine the unique approach of expanding community level biomarker analysis beyond opioids. Utilizing wastewater samples and the resulting data, city departments and community partners are provided early signals and trends on the dashboard to inform operational strategies to protect public health, first responders and service providers.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.31 Achieve an end to opioid abuse and misuse as measured by the percentage of “opioid abuse probable” Emergency Medical Services’ calls.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6710389		9/1/2021		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$16,000	\$0	\$0	\$0	\$0	\$16,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$69,000	\$0	\$0	\$0	\$0	\$69,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$32,000	\$0	\$0	\$0	\$0	\$32,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$463,000	\$0	\$0	\$0	\$0	\$463,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$120,000	\$0	\$0	\$0	\$0	\$120,000
Total	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Total	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Park Improvements / Recreation Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

New project requests are underlined										
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Community Services - Golf										
Golf Course Asset Management	6409809	General Obligation Bonds	37,198	-	37,198	-	-	-	-	37,198
Golf Facilities Asset Management	6408229	General Obligation Bonds	170,737	124,300	295,037	-	-	-	-	295,037
		General Fund Cash Reserve - CIP	-	107,000	107,000	-	-	-	-	107,000
		Project Total	170,737	231,300	402,037	-	-	-	-	402,037
Ken McDonald Clubhouse Renovation	6410789	Capital Projects Fund Balance	60,000	-	60,000	-	-	-	-	60,000
		General Obligation Bonds	-	405,000	405,000	-	3,159,000	-	-	3,564,000
		General Fund Cash Reserve - CIP	-	436,000	436,000	-	-	-	-	436,000
		Public Private Partnership	-	-	-	-	4,057,000	-	-	4,057,000
		Project Total	60,000	841,000	901,000	-	7,216,000	-	-	8,117,000
Ken McDonald Irrigation Renovation	N/A	General Obligation Bonds	-	-	-	343,000	2,657,000	-	-	3,000,000
Park Improvements/Recreation Program Total			267,935	1,072,300	1,340,235	343,000	9,873,000	-	-	11,556,235
Community Services - Parks & Recreation										
Aquatics Infrastructure & Equipment Replacement	6304999	General Obligation Bonds	652,000	370,983	1,022,983	298,000	300,000	275,000	286,000	2,181,983
Athletic Field Lighting Systems	6303089	General Obligation Bonds	1,432,803	1,330,000	2,762,803	520,000	180,000	1,140,000	1,600,000	6,202,803
Bell Butte Management Plan	6309039	General Fund Cash Reserve - CIP	-	-	-	100,000	-	-	-	100,000
Clark Park Pool & Amenities	6310509	General Obligation Bonds	4,177,876	100,000	4,277,876	-	-	-	-	4,277,876
		Development Impact Fees	4,015,645	-	4,015,645	-	-	-	-	4,015,645
		Project Total	8,193,521	100,000	8,293,521	-	-	-	-	8,293,521
Clark Park Improvements	6310519	General Obligation Bonds	410,240	-	410,240	-	-	-	-	410,240
Diablo Stadium Complex Baseball Field Renovations	6308639	General Obligation Bonds	2,179	130,000	132,179	100,000	100,000	100,000	100,000	532,179
Diablo Stadium Contractual Improvements	6303009	Diablo Stadium Revenue	-	47,500	47,500	47,500	47,500	47,500	47,500	237,500
		General Obligation Bonds	23,383	102,500	125,883	52,500	52,500	52,500	52,500	335,883
		Project Total	23,383	150,000	173,383	100,000	100,000	100,000	100,000	573,383
Double Butte Cemetery Study	6311209	General Fund Cash Reserve - CIP	-	100,000	100,000	-	-	-	-	100,000
Double Butte Cemetery Study Improvements	N/A	General Obligation Bonds	-	-	-	250,000	-	-	-	250,000
Implementation of Diablo Stadium Master Plan	6309769	General Obligation Bonds	2,022,657	-	2,022,657	-	30,000,000	-	-	32,022,657
		Capital Projects Fund Balance	10,927,021	-	10,927,021	-	-	-	-	10,927,021
		Development Impact Fees	150,000	-	150,000	750,000	-	-	-	900,000
		Developer Assistance/Contribution	-	12,000,000	12,000,000	-	-	-	-	12,000,000
		Project Total	13,099,678	12,000,000	25,099,678	750,000	30,000,000	-	-	55,849,678

Park Improvements / Recreation Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Implementation of Preserves Management Plan	6308699	General Obligation Bonds	324,347	175,000	499,347	175,000	175,000	175,000	175,000	1,199,347
Implementation of Rio Salado Master Plan	6309909	General Obligation Bonds	235,004	-	235,004	100,000	100,000	100,000	100,000	635,004
Indian Bend Wash Repair and Renovation	6308159	General Obligation Bonds	-	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Kiwanis Tennis Court Asset Preservation	N/A	General Obligation Bonds	-	-	-	128,000	125,000	-	-	253,000
Park Archaeological Monitoring & Mitigation	6310359	General Obligation Bonds	130,532	70,290	200,822	-	-	-	-	200,822
Park Concrete & Sports Court Replacement & Renovation	6305119	General Obligation Bonds	338,739	500,000	838,739	850,000	720,000	515,000	850,000	3,773,739
Park Drainage Infrastructure	6308169	General Obligation Bonds	238,302	25,000	263,302	25,000	25,000	50,000	50,000	413,302
Park Electrical Repair	6307659	General Obligation Bonds	242,946	150,000	392,946	125,000	125,000	125,000	200,000	967,946
Park Emergency Repairs	6305989	General Obligation Bonds	65,959	100,000	165,959	100,000	100,000	100,000	100,000	565,959
Park Infrastructure and Equipment Replacement	6399829	General Obligation Bonds	114,937	432,500	547,437	432,500	432,500	437,500	560,000	2,409,937
Park Irrigation System	6305999	General Obligation Bonds	418,712	450,000	868,712	250,000	100,000	460,000	860,000	2,538,712
	3207019C	Water / Wastewater Fund	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000
Project Total			418,712	490,000	908,712	290,000	140,000	500,000	900,000	2,738,712
Park Lake Improvements	6307629	General Obligation Bonds	634,321	525,000	1,159,321	725,000	-	-	-	1,884,321
Park Landscape Renovation & Buffer	6309789	General Obligation Bonds	185,818	90,000	275,818	190,000	50,000	165,000	100,000	780,818
Park Lighting System Replacement & Renovation	6305489	General Obligation Bonds	118,355	125,000	243,355	125,000	280,000	310,000	430,000	1,388,355
<u>Park Monument Signs</u>	6311219	General Obligation Bonds	-	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Park Playground Infrastructure & Equipment Replacement & Renovation	6305499	General Obligation Bonds	1,564,065	3,360,000	4,924,065	1,290,000	1,780,000	2,070,000	1,430,000	11,494,065
Park Projects - Impact Fee Funded	6310369	Development Impact Fees	1,072,305	750,000	1,822,305	-	-	-	-	1,822,305
Park Ramadas Replacement	6307639	General Obligation Bonds	623,800	175,000	798,800	370,000	360,000	620,000	2,100,000	4,248,800
Park Recreational Value Enhancements	6308189	Capital Projects Fund Balance	1,372,871	165,000	1,537,871	75,000	60,000	180,000	75,000	1,927,871
Park Restrooms Renovations/Replacement	6307649	General Obligation Bonds	427,149	880,000	1,307,149	175,000	310,000	580,000	120,000	2,492,149
Park Sign Package Study/Design	6308679	Capital Projects Fund Balance	94,678	-	94,678	-	-	-	-	94,678
		General Fund Cash Reserve - CIP		-	-	-	-	-	-	-
		Project Total	94,678	-	94,678	-	-	-	-	94,678
Park Sports Field Renovation	6305969	General Obligation Bonds	296,949	180,000	476,949	350,000	75,000	375,000	175,000	1,451,949

Park Improvements / Recreation Program
FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are <u>underlined</u>										
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Parks and Recreation Facilities Assessment	6311229	General Fund Cash Reserve - CIP	-	100,000	100,000	-	-	-	-	100,000
Parks Improvements - Contingency	6309863	Grants/Other Funding	-	1,000,000	1,000,000	-	-	-	-	1,000,000
Parks Urban Forest	6309489	General Obligation Bonds	298,851	442,000	740,851	376,500	305,000	305,000	321,000	2,048,351
Pickleball Courts	6308559	Capital Projects Fund Balance	75,125	-	75,125	-	-	-	-	75,125
Preserves Management Plan	6309469	Capital Projects Fund Balance	150,000	-	150,000	-	-	-	-	150,000
		General Fund Cash Reserve - CIP	-	100,000	100,000	-	-	-	-	100,000
		Project Total	150,000	100,000	250,000	-	-	-	-	250,000
Recreation Emergency Repairs	6310529	General Obligation Bonds	145,279	50,000	195,279	100,000	100,000	100,000	100,000	595,279
Sports Facility Relamping	6309929	General Obligation Bonds	155,915	75,000	230,915	75,000	75,000	75,000	75,000	530,915
Park Improvements/Recreation Program Total			33,138,763	24,370,773	57,509,536	8,425,000	36,247,500	8,627,500	10,177,000	120,986,536
<i>Financial Services</i>										
Diablo Stadium Improvement/Repairs	6308139	General Obligation Bonds	88,000	250,000	338,000	250,000	250,000	250,000	250,000	1,338,000
Financial Services Program Total			88,000	250,000	338,000	250,000	250,000	250,000	250,000	1,338,000
Park Improvements/Recreation Program Total			33,494,698	25,693,073	59,187,771	9,018,000	46,370,500	8,877,500	10,427,000	133,880,771

Capital Improvements Program

Golf Course Asset Management

Ken McDonald and Rolling Hills Golf Courses

This project includes reappropriations for the completion of the pump station at Ken McDonald Golf Course.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6409809		Ongoing		9/30/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$37,198	\$0	\$0	\$0	\$0	\$37,198
Total	\$37,198	\$0	\$0	\$0	\$0	\$37,198
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$37,198	\$0	\$0	\$0	\$0	\$37,198
Total	\$37,198	\$0	\$0	\$0	\$0	\$37,198
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Golf Facilities Asset Management

Ken McDonald and Rolling Hills Golf Courses

Funding in this CIP completes projects in progress at Ken McDonald golf course restaurant and pro shop.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6408229		Ongoing		9/30/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$402,037	\$0	\$0	\$0	\$0	\$402,037
Total	\$402,037	\$0	\$0	\$0	\$0	\$402,037
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$295,037	\$0	\$0	\$0	\$0	\$295,037
Golf Fund	\$107,000	\$0	\$0	\$0	\$0	\$107,000
Total	\$402,037	\$0	\$0	\$0	\$0	\$402,037
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Ken McDonald Clubhouse Renovation

Ken McDonald Golf Course

This project constructs a new clubhouse at Ken McDonald Golf Course.

The current clubhouse was built in 1975 and has had studies completed in 2002 and 2021, identifying drainage issues, failing masonry, unlevel floors, roof leaks and a sinking foundation. Both studies recommended a rebuild of the clubhouse to address the aging infrastructure as well as the flow and layout issues which impede operations.

FY24 – Property Master Plan to site clubhouse; Design of clubhouse

FY26 – Construction of clubhouse

This project is partially funded through a public private partnership.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6410789		7/1/2023		6/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$8,000	\$0	\$64,000	\$0	\$0	\$72,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$23,000	\$0	\$186,000	\$0	\$0	\$209,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$810,000	\$0	\$0	\$0	\$0	\$810,000
Survey / Staking	\$0	\$0	\$54,000	\$0	\$0	\$54,000
Inspection & Construction Management	\$0	\$0	\$378,000	\$0	\$0	\$378,000
Geotech / Material Testing	\$0	\$0	\$54,000	\$0	\$0	\$54,000
Contingency	\$0	\$0	\$540,000	\$0	\$0	\$540,000
Construction / Installation / Improvement	\$0	\$0	\$5,400,000	\$0	\$0	\$5,400,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$540,000	\$0	\$0	\$540,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Total	\$901,000	\$0	\$7,216,000	\$0	\$0	\$8,117,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Golf Fund	\$60,000	\$0	\$0	\$0	\$0	\$60,000
General Obligation Bonds	\$405,000	\$0	\$3,159,000	\$0	\$0	\$3,564,000
General Fund Cash Reserve - CIP	\$436,000	\$0	\$0	\$0	\$0	\$436,000
Public Private Partnership	\$0	\$0	\$4,057,000	\$0	\$0	\$4,057,000
Total	\$901,000	\$0	\$7,216,000	\$0	\$0	\$8,117,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Ken McDonald Irrigation Renovation

Ken McDonald Golf Course

This project replaces the full irrigation system at Ken McDonald Golf Course.

The current irrigation system was installed in 1992 as a full replacement. A study completed in 2021 recommends a complete replacement due to below-ground PVC pipes exceeding lifecycle, outdated control system, inadequate spacing of sprinkler heads, and aging intakes and infrastructure.

Due to the significant construction timeline and impact to the golf course, it is recommended that the irrigation project and a separate clubhouse renovation project be undertaken simultaneously to reduce the amount of time the course is closed.

FY25 - Design of irrigation system

FY26 - Construction of irrigation system



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	NEW		7/1/2024		6/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$3,000	\$24,000	\$0	\$0	\$27,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$10,000	\$68,000	\$0	\$0	\$78,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$330,000	\$0	\$0	\$0	\$330,000
Survey / Staking	\$0	\$0	\$22,000	\$0	\$0	\$22,000
Inspection & Construction Management	\$0	\$0	\$151,000	\$0	\$0	\$151,000
Geotech / Material Testing	\$0	\$0	\$22,000	\$0	\$0	\$22,000
Contingency	\$0	\$0	\$215,000	\$0	\$0	\$215,000
Construction / Installation / Improvement	\$0	\$0	\$2,155,000	\$0	\$0	\$2,155,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$343,000	\$2,657,000	\$0	\$0	\$3,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$343,000	\$2,657,000	\$0	\$0	\$3,000,000
Public Private Partnership	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$343,000	\$2,657,000	\$0	\$0	\$3,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Aquatics Infrastructure and Equipment Replacement

Various

This project will rehabilitate and replace aquatic facility equipment and infrastructure based on life cycle and condition rating to ensure reliable operations. Aquatic facilities include Kiwanis Pool, Escalante Pool, McClintock Pool, splash pads, splash playgrounds and some water fountains.

Projects include:

FY2023-24: Escalante; Color and seal deck, replace pool pump impellers and motor, pebble tech resurfacing, epoxy pump room floor, PA system. Kiwanis and McClintock; Replace motor and pump impellers. Cloud Splash Playground; Computers, pumps, and valves. Parque de Soza (formerly Hudson); - Replace features, deck repair, and shade. Jaycee Splash Pad; Replace features and shade. City Hall (6th Street Plaza and City Hall garden level) - Evaluate improvements for the water fountains.

FY2024-25: Life cycle replacement of pool equipment; Kiwanis and McClintock; Deck repair and reseal; Esquer Splash Pad -Replace features and shade.

FY2025-26: Replace pool equipment at McClintock, replace external fencing

FY2026-27 Replace grates in the gutter at Escalante; Replace chemical controllers at McClintock

FY2027-28 Replace pool pump motor and impellers, gel coat slide flumes, and replace lane lines, at Escalante and McClintock. Replace lifeguard stands at Escalante. Add water feature at Kiwanis Wave Pool



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6304999		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,022,983	\$298,000	\$300,000	\$275,000	\$286,000	\$2,181,983
Total	\$1,022,983	\$298,000	\$300,000	\$275,000	\$286,000	\$2,181,983
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,022,983	\$298,000	\$300,000	\$275,000	\$286,000	\$2,181,983
Total	\$1,022,983	\$298,000	\$300,000	\$275,000	\$286,000	\$2,181,983
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Athletic Field Lighting Systems

Various

This project will upgrade and replace athletic field and sport court lighting that is beyond its useful life to ensure lighting is in compliance with Illuminating Engineering Society (I.E.S.) recommendations through the use of LED athletic field and sport court lights.

Projects scheduled for completion include:

FY 2023-24: Campbell volleyball construction; Celaya & Waggoner soccer & basketball construction; Connolly & McKemy ballfield construction; Jaycee softball, volleyball & basketball design; Kiwanis Fiesta volleyball & basketball design

FY 2024-25: Kiwanis Fiesta volleyball & basketball construction; Jaycee softball, volleyball & basketball construction

FY 2025-26: Redden, Hollis, Palmer, Daumler & Ehrhardt basketball design; Meyer & Mitchell basketball & volleyball design; Indian Bend basketball & tennis design

FY 2026-27: Redden, Hollis, Palmer, Daumler & Ehrhardt basketball construction; Meyer & Mitchell basketball & volleyball construction; Indian Bend basketball & tennis construction; Marcos, McClintock, Corona, and Tempe High Schools tennis design; Kiwanis Romero volleyball & basketball design; Arredondo, Cole, Joyce & Optimist basketball design; metal halide to LED athletic lighting conversions

FY 2027-28: FY 2027-28: Arredondo, Cole, Joyce, Optimist basketball construction; Marcos, McClintock, Corona, and Tempe High Schools tennis construction; Kiwanis Romero volleyball & basketball construction; metal halide to LED athletic lighting conversionsThis project will upgrade and replace athletic field and sport court lighting that is beyond its useful life to ensure lighting is in compliance with Illuminating Engineering Society (I.E.S.) recommendations through the use of LED athletic field and sport court lights.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6303089		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$100,000	\$0	\$180,000	\$290,000	\$0	\$570,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,230,000	\$520,000	\$0	\$850,000	\$1,600,000	\$4,200,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,432,803	\$0	\$0	\$0	\$0	\$1,432,803
Total	\$2,762,803	\$520,000	\$180,000	\$1,140,000	\$1,600,000	\$6,202,803
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,762,803	\$520,000	\$180,000	\$1,140,000	\$1,600,000	\$6,202,803
Total	\$2,762,803	\$520,000	\$180,000	\$1,140,000	\$1,600,000	\$6,202,803
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Bell Butte Management Plan

Bell Butte near Broadway & Priest

This project will fund the creation of a management plan for Bell Butte. There are 3 buttes that are locations for water tanks serving the city: Hayden Butte Preserve, Bell Butte, and Papago Preserve Butte. All three are scheduled for tank restoration by Engineering. They are historically and culturally significant, and two hold preserve status. The upcoming Preserves Management Plan will serve as a template for Bell Butte. This plan will analyze the existing site relative to safety, access, history and cultural significance (working with Historic Preservation, SRP-MIC, and other stakeholders), maintenance and care of the native vegetation.

Bell Butte is highly visible from the I-10 freeway, and a favored venue for graffiti. The management plan will recommend improvements and the standard of care and use for this area.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309039		7/1/2024		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Fund Cash Reserve - CIP	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Clark Park Pool and Amenities

Clark Park

Clark Park has served the community well throughout the years and remains an asset to the surrounding neighborhood, various user groups, recreation program participants and visitors. With the support of City Council, staff engaged the surrounding community to create a conceptual plan in FY 20-21 for various park improvements as well as a new community pool and center. In August 2021, the Clark Park Improvements design plan efforts began. Construction started in Summer 2022 and is expected to be completed in Summer 2023.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type						
Systems Expansions	6310509		7/1/2021		9/30/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$8,293,521	\$0	\$0	\$0	\$0	\$8,293,521
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,293,521	\$0	\$0	\$0	\$0	\$8,293,521
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$4,277,876	\$0	\$0	\$0	\$0	\$4,277,876
Development Impact Fees	\$4,015,645	\$0	\$0	\$0	\$0	\$4,015,645
Total	\$8,293,521	\$0	\$0	\$0	\$0	\$8,293,521
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Personnel Services	\$783,422	\$806,249	\$829,761	\$853,979	\$878,923	\$4,152,334
Supplies and Services	\$0	\$0	\$0	\$0	\$0	\$0
New Revenue Offsets	-\$50,000	-\$50,000	-\$50,000	-\$50,000	-\$50,000	-\$250,000
Total	\$733,422	\$756,249	\$779,761	\$803,979	\$828,923	\$3,902,334

Capital Improvements Program

Clark Park Improvements

Clark Park

This project funds the various park infrastructure improvements into one consolidated project, coordinated with the design and construction of the Clark Park Aquatic Facility. Planned park improvements at Clark Park include playground, ramada, restroom, basketball & volleyball court lighting, additional trees and landscaping. In conjunction with this project, Tempe's ADA Transition Plan for infrastructure compliance will be addressed. A Parks & Recreation Equity Study may identify additional new amenities suitable for addition to Clark Park.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Asset Preservation	6310519		7/1/2022		12/31/2023	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$410,240	\$0	\$0	\$0	\$0	\$410,240
Total	\$410,240	\$0	\$0	\$0	\$0	\$410,240
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$410,240	\$0	\$0	\$0	\$0	\$410,240
Total	\$410,240	\$0	\$0	\$0	\$0	\$410,240
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$9,874	\$9,874	\$9,874	\$9,874	\$39,496
Total	\$0	\$9,874	\$9,874	\$9,874	\$9,874	\$39,496

Capital Improvements Program

Diablo Stadium Complex Baseball Field Renovations

Diablo Stadium

This project will remove the buildup of organic matter in the soil and replace the soil substrate with USGA sand at the main stadium and the other complex baseball fields (7 1/2 fields total); this type of work is recommended to occur every 5-6 years to provide an adequate playing surface and drainage. Scheduled improvements include 1-2 field renovations per year.





Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308639		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$132,179	\$100,000	\$100,000	\$100,000	\$100,000	\$532,179
Total	\$132,179	\$100,000	\$100,000	\$100,000	\$100,000	\$532,179
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$132,179	\$100,000	\$100,000	\$100,000	\$100,000	\$532,179
Total	\$132,179	\$100,000	\$100,000	\$100,000	\$100,000	\$532,179
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Diablo Stadium Contractual Improvements

Diablo Stadium

This project provides ongoing contractual capital requirements and improvements to the Diablo Stadium Sports Complex. The city is contractually required to address Angels-identified Stadium and Diablo Complex capital needs annually. Planned projects by year are:

FY 2023-24: Windscreen replacement, field renovations, safety upgrades, equipment replacement, A/V upgrades; Angels' requests.

FY 2024-25: Stadium pad replacement, netting replacement, safety upgrades, press box/suites carpet replacement; Angels' requests

FY 2025-26: Windscreen replacement, artificial turf replacement, Carpet/flooring replacement – visitors' clubhouse, Press Box counter replacement, signage upgrades/replacement, safety upgrades; Angels' requests

FY 2026-27: Field Equipment replacement (L-Screens, screens, etc.), Street banner replacement (48th St/Alameda - Angels Way), New and upgraded Stadium Graphics (interior and exterior); Angels requests

FY 2027-28: Stadium pad replacement, netting replacement, windscreen replacement



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6303009		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$173,883	\$100,000	\$100,000	\$100,000	\$100,000	\$573,883
Total	\$173,883	\$100,000	\$100,000	\$100,000	\$100,000	\$573,883
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$126,383	\$52,500	\$52,500	\$52,500	\$52,500	\$336,383
Diablo Stadium Revenue	\$47,500	\$47,500	\$47,500	\$47,500	\$47,500	\$237,500
Total	\$173,883	\$100,000	\$100,000	\$100,000	\$100,000	\$573,883
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Double Butte Cemetery Study

Double Butte Cemetery

The city-owned Double Butte Cemetery is closely associated with Tempe's historical past and was established as a cemetery in 1888. In 2012, the City nominated and listed Double Butte Cemetery on the Tempe Historic Property Register. The cemetery, expanded several times over the years to accommodate local demand for burial spaces, was transferred to the City in 1958. In 2008, the cemetery saw its most recent improvements, which included the construction of a main entry feature, the addition of two new burial sections and the enhancement of the existing Memorial Gardens. Most recently, the Tempe Historic Preservation Foundation is funding a needs assessment for landscape and gravestone elements to ensure conservation of this unique site.

Due to the age of the cemetery and its various elements, a more thorough study and needs assessment is necessary, focusing on three main areas:

1. Conservation of historically significant elements. Items in this category require appropriate treatment to ensure long-term, historical conservation.
2. Repair or replacement of existing non-historically significant infrastructure. Items in this category require repair and replacement to ensure a useful lifespan
3. Opportunities for improvement. While historically significant and existing infrastructure needs are identified, additional improvements should be considered.

Though these initial needs have been identified, a more thorough study and prioritization process is necessary.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6311209		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Fund Cash Reserve - CIP	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Double Butte Cemetery Study Improvements

Double Butte Cemetery

This project funds initial implementation of the recommendations from the Double Butte Cemetery Study, once completed.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	New		7/1/2024		6/30/2029	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Total	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Implementation of Diablo Stadium Master Plan

Diablo Stadium Complex

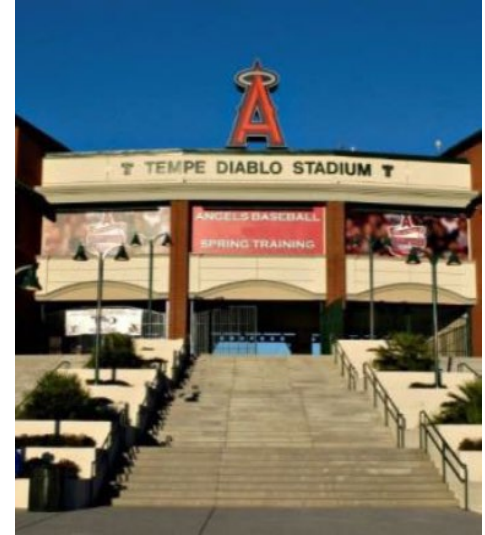
In order to develop a shared vision for the Diablo Stadium Complex to ensure that Diablo Stadium remains an attractive and competitive venue within the Cactus League organization, a master planning effort was undertaken to identify needed improvements and trends in major league baseball that would be implemented over the next 5 years to improve fan experiences and provide operational efficiencies. In conjunction with this project, Tempe's ADA Transition Plan for infrastructure compliance will be addressed.

Scheduled projects include:

FY 2023-24: Continue Phase 1 improvements; Field #3 lighting (design); add internal roadway connector (design and construction)

FY 2024-25: Field #3 lighting (construction); Field #4 lighting retrofit

FY 2025-26: Phase 2 improvements



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309769		7/1/2021		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Construction / Installation / Improvement	\$400,000	\$750,000	\$0	\$0	\$0	\$1,150,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$22,699,708	\$0	\$30,000,000	\$0	\$0	\$52,699,708
Total	\$25,099,708	\$750,000	\$30,000,000	\$0	\$0	\$55,849,708
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,022,657	\$0	\$30,000,000	\$0	\$0	\$32,022,657
Capital Fund Assigned Fund	\$10,927,051	\$0	\$0	\$0	\$0	\$10,927,051
Development Impact Fees	\$150,000	\$750,000	\$0	\$0	\$0	\$900,000
Developer Assistance/Contribution	\$12,000,000	\$0	\$0	\$0	\$0	\$12,000,000
Total	\$25,099,708	\$750,000	\$30,000,000	\$0	\$0	\$55,849,708
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

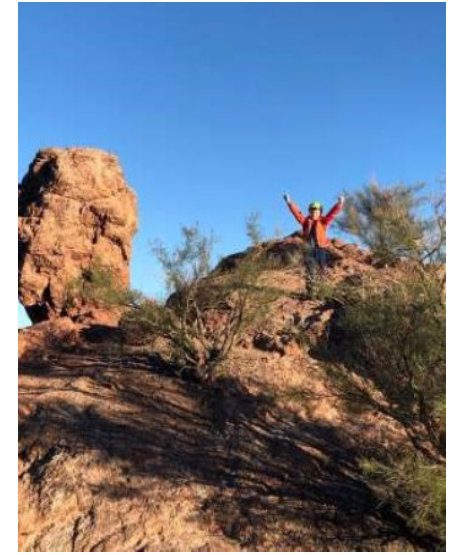
Capital Improvements Program

Implementation of Preserves Management Plan

Papago Park and Hayden Butte

Tempe recognizes the immense value of its two desert preserves: Papago and Hayden Butte. Their unique natural, cultural, social, recreational, educational, historic and archaeological resources require proactive stewardship in order to ensure proper, long-term conservation.

This project funds the implementation of the joint Preserves Management Plan, once completed, focusing on conservation and connection, further described and prioritized within the management plan, consistent with goals of and informed by the work of Tempe's Desert Conservation Commission. Examples of likely projects include the improvement of existing trails and trailheads, new signage, revegetation with native plants and the restoration of quality habitat, supporting native biodiversity and abundance



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308699		7/1/2020		6/30/2031	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$499,347	\$175,000	\$175,000	\$175,000	\$175,000	\$1,199,347
Total	\$499,347	\$175,000	\$175,000	\$175,000	\$175,000	\$1,199,347
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$499,347	\$175,000	\$175,000	\$175,000	\$175,000	\$1,199,347
Total	\$499,347	\$175,000	\$175,000	\$175,000	\$175,000	\$1,199,347
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Implementation of Rio Salado Master Plan

Rio Salado

This project funds a phased implementation of the Rio Salado Park Master Plan beginning with the development of preliminary design in FY23 for multiple activity zones on the north side of Rio Salado Park. CIP and public private partnership funds will be combined to increase the potential for additional recreational amenities.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309909		7/1/2020		6/30/2030	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$235,004	\$0	\$0	\$0	\$0	\$235,004
Total	\$235,004	\$100,000	\$100,000	\$100,000	\$100,000	\$635,004
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$235,004	\$100,000	\$100,000	\$100,000	\$100,000	\$635,004
Total	\$235,004	\$100,000	\$100,000	\$100,000	\$100,000	\$635,004
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Indian Bend Wash Repair and Renovation

Indian Bend

The purpose of the Indian Bend Wash (IBW) System is to contain local flows and convey them efficiently through the cities of Scottsdale and Tempe and into the Salt River. The City of Tempe is required to provide maintenance of the IBW associated with the habitat improvements in accordance with an agreement with the Flood Control District (FCD) of Maricopa County. Each year the FCD inspects the Indian Bend Wash Outlet and provides a written inspection report to the city identifying needed repairs. This project will fund the ongoing repairs needed to fulfill the City's agreement to maintain the Indian Bend Wash, including the removal of deep rooted and other woody vegetation within the riprap and restoration of levee per Flood Control District specifications; back filling of tunnels created by wildlife and cracks in the levee; repair of missing bricks and wall caps on floodwalls; removal of any debris that has the potential of limiting the flood control capacity of this reach of the wash; and any miscellaneous infrastructure repairs and replacement, including those to the pump infrastructure, pond edge, pathways and vegetation.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308159		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Total	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Kiwanis Tennis Court Asset Preservation

Kiwanis Park

The Kiwanis Tennis Center (KTC) was built in 1975 and the tennis courts were renovated in 2018. This project will rehabilitate and replace court equipment and infratsructure to ensure the health and safety of participants and audiences and the continued successes and growth of the tennis program.

FY2024-25: Life cycyle replacement of teaching equipment, nets, and windscreens.

FY2025-26: Life cycle replacement, repair and update of 16 tennis courts



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	New		7/1/2024		ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$128,000	\$125,000	\$0	\$0	\$253,000
Total	\$0	\$128,000	\$125,000	\$0	\$0	\$253,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$128,000	\$125,000	\$0	\$0	\$253,000
Total	\$0	\$128,000	\$125,000	\$0	\$0	\$253,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Archaeological Monitoring and Mitigation

Various

The Parks and Recreation Division currently has several projects underway and planned that have been identified as needing archeological monitoring and possible archeological mitigation. Given the unknowns related to the archeological process and difficulties in calculating costs, this project provides funding for unforeseen expenses related to historical and archaeological studies and potential remediation for all Parks and Recreation capital improvement projects.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6310359		7/1/2021		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$70,290	\$0	\$0	\$0	\$0	\$70,290
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$130,532	\$0	\$0	\$0	\$0	\$130,532
Total	\$200,822	\$0	\$0	\$0	\$0	\$200,822
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$200,822	\$0	\$0	\$0	\$0	\$200,822
Total	\$200,822	\$0	\$0	\$0	\$0	\$200,822
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Concrete and Sports Court Replacement and Renovation

Various

This project funds the regular replacement or resurfacing of park basketball courts, tennis/pickleball courts, plazas, and other park concrete related infrastructure. This project also funds general sidewalk repairs and necessary corrections to the deficiencies listed in the ADA survey.

Scheduled improvements include:

- FY 2023-24: Kiwanis Ballfield Plaza design
- FY 2024-25: Kiwanis Sister Cities construction
- FY 2025-26: Kiwanis Ballfield Plaza construction; Kiwanis Lake sidewalk design
- FY 2026-27: 6th Street Park concrete construction (no design)
- FY 2027-28: Kiwanis Lake Sidewalk ADA corrections



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.28 Ensure the protection of rights to all participants in the criminal justice system by achieving an aggregate rating of “Very Satisfied” or “Satisfied” on 80% of the Criminal Division survey to victims of crime.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6305119		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$838,739	\$850,000	\$720,000	\$515,000	\$850,000	\$3,773,739
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$838,739	\$850,000	\$720,000	\$515,000	\$850,000	\$3,773,739
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$838,739	\$850,000	\$720,000	\$515,000	\$850,000	\$3,773,739
Total	\$838,739	\$850,000	\$720,000	\$515,000	\$850,000	\$3,773,739
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Drainage Infrastructure

Various

Park Drainage Infrastructure

There are over 200 storm structures throughout the park system, which are part of a larger drainage and storm drain system. In some parks there is infrastructure related to drainage from streets into parks or on-site drainage at the parks such as bubbler boxes and dry wells. Several parks are having issues associated with the drainage of water including bubbler boxes backing up and slow draining retention basins. Additionally, turf in detention parks and flood irrigated areas drain slowly. This project will fund solutions to the drainage issues in neighborhood and community parks.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308169		7/1/2017		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$263,302	\$25,000	\$25,000	\$50,000	\$50,000	\$413,302
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$263,302	\$25,000	\$25,000	\$50,000	\$50,000	\$413,302
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$263,302	\$25,000	\$25,000	\$50,000	\$50,000	\$413,302
Total	\$263,302	\$25,000	\$25,000	\$50,000	\$50,000	\$413,302
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Electrical Repair

Various

This project funds the repair and replacement of service entry sections (SES) identified in the most recent ARC Flash Studies and funds the next study in FY 2026. Additionally, many sport lighting and area light timers are beyond their useful life, requiring replacement to newer and more efficient models. Finally, as underground electrical infrastructure continues to age, new wire and conduit pathways need to be added to existing electrical systems.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6307659		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$392,946	\$125,000	\$125,000	\$125,000	\$200,000	\$967,946
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$392,946	\$125,000	\$125,000	\$125,000	\$200,000	\$967,946
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$392,946	\$125,000	\$125,000	\$125,000	\$200,000	\$967,946
Total	\$392,946	\$125,000	\$125,000	\$125,000	\$200,000	\$967,946
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Emergency Repairs

Various

Each year due to the age of our facilities, weather, and other unforeseen incidences, there are unscheduled infrastructure failures requiring repair. Even with a program of regular infrastructure replacements there will be some failure(s) or demands which cannot wait for their scheduled replacement. This project creates funding to address the unexpected infrastructure failures, public health and safety issues, and/or contractual obligations. In recent years due to an aging parks and recreation facility system, a series of emergency and/or unexpected infrastructure repairs and replacements has been required.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6305989		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$165,959	\$100,000	\$100,000	\$100,000	\$100,000	\$565,959
Total	\$165,959	\$100,000	\$100,000	\$100,000	\$100,000	\$565,959
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$165,959	\$100,000	\$100,000	\$100,000	\$100,000	\$565,959
Total	\$165,959	\$100,000	\$100,000	\$100,000	\$100,000	\$565,959
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Infrastructure/Equipment Replacement

Various

This project funds the replacement of picnic tables/equipment, benches, trash & recycle receptacles, drinking fountains, backstops, fencing, soccer goals, signage, sand, rubber safety surfacing maintenance and repair, etc. in City of Tempe parks.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6399829		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$432,500	\$432,500	\$432,500	\$437,500	\$560,000	\$2,295,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$114,937	\$0	\$0	\$0	\$0	\$114,937
Total	\$547,437	\$432,500	\$432,500	\$437,500	\$560,000	\$2,409,937
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$547,437	\$432,500	\$432,500	\$437,500	\$560,000	\$2,409,937
Total	\$547,437	\$432,500	\$432,500	\$437,500	\$560,000	\$2,409,937
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Irrigation Systems

Various

Tempe maintains living infrastructure in city parks and sports complexes including trees, shrubs, groundcovers, and turf through multiple irrigation methods, including flood, drip, bubbler and spray heads. Much of the irrigation infrastructure has extended beyond its useful life. This project funds modifications and replacements of irrigation systems components, and where possible, will be combined with other existing CIP projects, such as playground and sport field renovations, in order to maximize benefits and minimize park impacts. This project will also fund the full conversion of irrigation controllers, including the installation of flow meters and master valves, in order to efficiently and effectively manage irrigation.

Scheduled projects include:

FY 2023-24: Benedict Sports Complex (construction), Kiwanis pump station (construction); new irrigation controllers

FY 2024-25: Benedict Sports Complex (construction); new irrigation controllers

FY 2025-26: New irrigation controllers

FY 2026-27: Tempe Sports Complex (design); new irrigation controllers

FY 2027-28: Kiwanis (design); new irrigation controllers



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Asset Preservation	6305999		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$200,000	\$100,000	\$300,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$908,712	\$290,000	\$140,000	\$300,000	\$800,000	\$2,438,712
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$908,712	\$290,000	\$140,000	\$500,000	\$900,000	\$2,738,712
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$868,712	\$250,000	\$100,000	\$460,000	\$860,000	\$2,538,712
Water / Wastewater Fund	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Total	\$908,712	\$290,000	\$140,000	\$500,000	\$900,000	\$2,738,712
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$4,000	\$6,000	\$8,000	\$10,000	\$28,000
Total	\$0	\$4,000	\$6,000	\$8,000	\$10,000	\$28,000

Capital Improvements Program

Park Lake Improvements

Various

Within the 6 parks (Hallman Park, Selleh Park, Kiwanis Park, Papago South, Indian Bend Habitat Ponds and Tempe Town Lake), Tempe maintains the lake edge, boating infrastructure and requires periodic dredging of the lakes. Erosion of the lake edge results in an unstable ground surrounding the water. This project will fund the reconstruction of eroded lake edges to prevent further erosion, line lakes to improve water retention, and add elements to improve water quality.

Scheduled projects include:

FY 2023-24: Hallman lake edge, bottom & aeration system phased construction
FY 2024-25 Papago lake water source construction; Hallman lake edge, bottom, and aeration system phased construction



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6307629		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$525,000	\$725,000	\$0	\$0	\$0	\$1,250,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$634,321	\$0	\$0	\$0	\$0	\$634,321
Total	\$1,159,321	\$725,000	\$0	\$0	\$0	\$1,884,321
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,159,321	\$725,000	\$0	\$0	\$0	\$1,884,321
Total	\$1,159,321	\$725,000	\$0	\$0	\$0	\$1,884,321
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Landscape Renovation & Buffer

Various

Many of Tempe's parks include landscape areas consisting of plants, shrubs, trees, concrete headers, groundcover, and drip irrigation. Much of this infrastructure has extended beyond its useful life and needs to be renovated. Additionally, many parks border residential walls with sprinkled turf; these areas also include park assets, such as SES cabinets and irrigation controllers that are within turf areas. This project will fund moving sprinkler heads away from walls, along with installing a concrete header and decomposed granite buffers between parks and residential walls; these changes will increase the life of park assets and reduce irrigation overspray onto private property. Costs will include irrigation modifications, as well as decomposed granite and concrete header installation.

The following projects will be completed:

FY 2023-24: Campbell and Optimist landscape buffers

FY 2024-25: Celaya and Gaicki landscape buffer and landscape renovation

FY 2025-26: General landscape and curbing improvements

FY 2026-27: Petersen curbing, irrigation adjustments and landscape buffer

FY 2027-28: General landscape and curbing improvements



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309789		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$275,818	\$190,000	\$50,000	\$165,000	\$100,000	\$780,818
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$275,818	\$190,000	\$50,000	\$165,000	\$100,000	\$780,818
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$275,818	\$190,000	\$50,000	\$165,000	\$100,000	\$780,818
Total	\$275,818	\$190,000	\$50,000	\$165,000	\$100,000	\$780,818
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Lighting System Replacement & Renovation

Various

There are more than 3,000 light poles providing area and security lighting in city parks with an approximate life cycle for the lamps of 5 years (note: this is different from the very specialized sports field lighting in a different CIP). This project will proactively re-lamp area lights with LED based on a condition assessment matrix and existing projects. This project has been accelerated to achieve full conversion by the end of FY 2023. Benefits of LED lights include a longer life cycle, reduced energy use compared to High Pressure Sodium (HPS) lights, and reduced maintenance and utility costs. Funding will also be utilized to begin replacing light poles identified in the FY19/20 light pole study.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6305489		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$125,000	\$125,000	\$280,000	\$280,000	\$430,000	\$1,240,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$118,355	\$0	\$0	\$0	\$0	\$118,355
Total	\$243,355	\$125,000	\$280,000	\$310,000	\$430,000	\$1,388,355
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$243,355	\$125,000	\$280,000	\$310,000	\$430,000	\$1,388,355
Total	\$243,355	\$125,000	\$280,000	\$310,000	\$430,000	\$1,388,355
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Signage

Various

A Park Sign Package study and design addresses the updating and replacement of park monument signs, parks rules and regulations signs, educational signs and wayfinding signs. This project constructs and installs park monuments and park signs following the outcome of the Park Sign Package study.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6311219		7/1/2023		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Playground Infrastructure & Equipment Replacement & Renovation

Various

This project funds the complete replacement of all equipment and safety surfacing in an average of 2-3 park playgrounds per year. Each playground is brought into compliance with current Consumer Products Safety Commission (CPSC), American Society for Testing and Materials (ASTM) and American with Disabilities Act (ADA) guidelines, standards and law. Playgrounds will also include rubber safety surfacing and other elements that match Tempe's recreational value standard, including equipment that meets inclusivity index standards. In conjunction with this project, Tempe's ADA Transition Plan for infrastructure compliance will be implemented.

This project will consist of the following playground updates:

FY 2023-24: Optimist, Kiwanis North & Campbell (construction); Waggoner (design)

FY 2024-25: Daley & Jaycee (design); Joyce (minor); Waggoner (construction)

FY 2025-26: Daley & Jaycee (construction); Papago North (design); Cole & Rotary (design)

FY 2026-27: Papago North, Cole & Rotary (construction); Kiwanis Romero, Stroud & Hanger (design)

FY 2027-28: Stroud & Hanger (construction); Papago South & Esquer (design)



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Asset Preservation	6305499		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$60,000	\$90,000	\$180,000	\$170,000	\$130,000	\$630,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$4,864,065	\$1,200,000	\$1,600,000	\$1,900,000	\$1,300,000	\$10,864,065
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$4,924,065	\$1,290,000	\$1,780,000	\$2,070,000	\$1,430,000	\$11,494,065
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$4,924,065	\$1,290,000	\$1,780,000	\$2,070,000	\$1,430,000	\$11,494,065
Total	\$4,924,065	\$1,290,000	\$1,780,000	\$2,070,000	\$1,430,000	\$11,494,065
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$22,845	\$31,983	\$45,690	\$54,828	\$155,346
Total	\$0	\$22,845	\$31,983	\$45,690	\$54,828	\$155,346

Capital Improvements Program

Park Projects- Impact Fee Funded

Various

Development Impact Fees are a funding source representing development's proportionate share of infrastructure costs and are used to construct system improvements needed to accommodate new development. In the Parks and Recreation category, several types of park improvement projects are eligible to be funded with development impact fees as identified in a 2021 development fee study. These include installation of new lighting, adding sport courts and dog parks, and other projects that expand the capacity for park utilization. Projects defined in the Parks and Recreation Master Plan to maintain level of service as population increases may also be eligible for impact fee funding; an equity study is currently underway to determine the most suitable project locations. Development impact fees may also be used for certain aspects of projects as part of the Rio Salado Master Plan implementation. This project authorizes spending authority for eligible projects, as they are determined through staff and public input, and uses impact fees as the funding source.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6310369		7/1/2021		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,822,305	\$0	\$0	\$0	\$0	\$1,822,305
Total	\$1,822,305	\$0	\$0	\$0	\$0	\$1,822,305
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Development Impact Fees	\$1,822,305	\$0	\$0	\$0	\$0	\$1,822,305
Total	\$1,822,305	\$0	\$0	\$0	\$0	\$1,822,305
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Ramadas Replacement

Various

Tempe maintains ramadas in neighborhood and community parks. This CIP will replace/renovate ramadas to ensure they are safe, accessible and in good working condition. It funds the full replacement (including design) or minor renovation of park ramadas based on a life cycle or condition rating. Additionally, projects are scheduled in conjunction with identified playground renovations, in order to minimize park impact. In conjunction with this project, Tempe's ADA Transition Plan for infrastructure compliance will be implemented.

Scheduled replacement or minor renovations include the following parks:

FY 2023-24: Campbell (construction); Indian Bend Wash (renovation)
FY 2024-25: Jaycee (design) Esquer, Papago South, Joyce, Gaiki (renovations)
FY 2025-26: Jaycee (construction); Kiwanis Fishing Ramadas (design); 6th street park (renovation)
FY 2026-27: Tempe Beach Park (renovations), Kiwanis Fiesta and Romero (design)
FY 2027-28: Kiwanis Fishing ramadas (construction); Kiwanis lake ramadas (renovation)



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6307639		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$45,000	\$135,000	\$520,000	\$0	\$700,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$175,000	\$325,000	\$225,000	\$100,000	\$2,100,000	\$2,925,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$623,800	\$0	\$0	\$0	\$0	\$623,800
Total	\$798,800	\$370,000	\$360,000	\$620,000	\$2,100,000	\$4,248,800
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$798,800	\$370,000	\$360,000	\$620,000	\$2,100,000	\$4,248,800
Total	\$798,800	\$370,000	\$360,000	\$620,000	\$2,100,000	\$4,248,800
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Recreational Value

Various

This project will fund park improvements to bring city parks up to the base "recreational value" standard, as determined by existing amenities in the park. Methodology for implementing this CIP addresses base amenity standardization and is informed by Tempe's ADA Transition Plan for infrastructure compliance. Base amenities consist of playgrounds (full rubber surfacing, shade structure, single structure, individual elements, and inclusive equipment), shaded picnic areas, trees and miscellaneous site furnishings (benches, waste and recycling containers, etc.). Parks are ranked by base amenity deficiency and improvements are planned in conjunction with already scheduled CIP projects, such as playground and ramada renovations. This project also funds enhancements such as benches, bleachers, dugout windscreens, scoreboards, safety netting and shade canopies for the most popular and highly used sports fields and courts. This project has been accelerated to be completed by the end of FY 2026.

Scheduled projects include:

FY 2023-24: Optimist ramada (construction), Waggoner ramada (design)

FY 2024-25: Waggoner ramada (construction)

FY 2025-26: Cole, Rotary ramadas (design) Papago South playgrounds (minor); foul ball safety netting

FY 2026-27: Cole, Rotary ramadas (construction), Stroud ramada (design)

FY 2027-28: Stroud ramada (construction)



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type						
Customer Enhancements	6308189		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$15,000	\$0	\$60,000	\$30,000	\$0	\$105,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$1,522,871	\$75,000	\$0	\$150,000	\$75,000	\$1,822,871
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,537,871	\$75,000	\$60,000	\$180,000	\$75,000	\$1,927,871
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$1,537,871	\$75,000	\$60,000	\$180,000	\$75,000	\$1,927,871
Total	\$1,537,871	\$75,000	\$60,000	\$180,000	\$75,000	\$1,927,871
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$3,972	\$4,242	\$8,214	\$10,200	\$26,628
Total	\$0	\$3,972	\$4,242	\$8,214	\$10,200	\$26,628

Capital Improvements Program

Park Restrooms Renovations/Replacement

Various

This project funds full restroom replacements and partial renovations. Restrooms undergoing full replacements require design and will generally be rebuilt in the same location and only relocated when necessary and practical. This CIP will replace/renovate restrooms to ensure they are safe, accessible and in good working condition. In conjunction with this project, Tempe's ADA Transition Plan for infrastructure compliance will be implemented.

Scheduled projects include:

FY 2023-24: Kiwanis Fiesta, Sister Cities and South Lake (partials); Kiwanis North and Concession (construction)

FY 2024-25: Daley and Hudson (partials); Connolly and McKemy (design)

FY 2025-26: McKemy (construction)

FY 2026-27: Connolly (construction); Papago N, TSC Dawson, Skate, Soccer (partials), Kiwanis Romero (design)

FY 2027-28: Marina and Tempe Beach (partials)



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Asset Preservation	6307649		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$75,000	\$0	\$60,000	\$0	\$135,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$1,307,149	\$100,000	\$310,000	\$520,000	\$120,000	\$2,357,149
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,307,149	\$175,000	\$310,000	\$580,000	\$120,000	\$2,492,149
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,307,149	\$175,000	\$310,000	\$580,000	\$120,000	\$2,492,149
Total	\$1,307,149	\$175,000	\$310,000	\$580,000	\$120,000	\$2,492,149
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$8,576	\$12,864	\$17,152	\$17,152	\$55,744
Total	\$0	\$8,576	\$12,864	\$17,152	\$17,152	\$55,744

Capital Improvements Program

Park Sign Package Study/Design

Various

This project funds a study and the design for neighborhood and community park signage, which is currently in need of structural, aesthetic and informational updates and improvements. The study and subsequent design will address the following: concrete monument markers, parks rules and regulations signs, educational signs, and wayfinding signs (including accessibility features where applicable). The construction and installation of signs will be funded through the asset specific Park Infrastructure/Equipment Replacement CIP project.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308679		7/1/2021		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$94,678	\$0	\$0	\$0	\$0	\$94,678
Total	\$94,678	\$0	\$0	\$0	\$0	\$94,678
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$94,678	\$0	\$0	\$0	\$0	\$94,678
General Fund Cash Reserve - CIP	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$94,678	\$0	\$0	\$0	\$0	\$94,678
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Park Sports Field Renovation

Various

The city has 27 ballfields and 40 soccer fields in neighborhood parks, community parks, regional parks and sports complexes.

This project will fund:

Softball and baseball infield renovations by removing existing infield material and warning track mix, laser level, spike, roll and replace with a product that is dust free and allows play to continue very quickly even after rain. The replacement infield material and warning track mix will last approximately 5-10 years and requires less maintenance.

Soccer fields renovations include aerification, leveled sand, new sprinkler heads, fertilization and sod or hydro-stolons, where necessary. Soccer fields occur on a 5-7 year schedule at sports complexes and community parks, and 10-12 years at neighborhood parks.

Scheduled projects include:

FY 2023-24: Benedict (2 soccer); Jaycee (ballfield); Neighborhood and Community Park soccer and ballfield renovations

FY 2024-25: Benedict (2 soccer); Tempe Beach Park (ballfield); Neighborhood and Community Park soccer

FY 2025-26: Neighborhood and Community Park soccer and ballfield renovations

FY 2026-27: Tempe Sports Complex (3 soccer); Kiwanis (4 soccer); Palmer (ballfield); Neighborhood and Community Park soccer renovations

FY 2027-28: Benedict (2 soccer)



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type						
Asset Preservation	6305969		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$180,000	\$350,000	\$75,000	\$375,000	\$175,000	\$1,155,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$296,949	\$0	\$0	\$0	\$0	\$296,949
Total	\$476,949	\$350,000	\$75,000	\$375,000	\$175,000	\$1,451,949
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$476,949	\$350,000	\$75,000	\$375,000	\$175,000	\$1,451,949
Total	\$476,949	\$350,000	\$75,000	\$375,000	\$175,000	\$1,451,949
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$10,750	\$10,750	\$16,125	\$16,125	\$53,750
Total	\$0	\$10,750	\$10,750	\$16,125	\$16,125	\$53,750

Capital Improvements Program

Parks and Recreation Facilities Assessment

Various

The Recreation Facilities Condition and Needs Assessment (RFCNA) will build upon the recommendations from the 2019 Makers Facilities Master Plan, Parks and Recreation Master Plan update as well as the Parks & Recreation Equity Study anticipated to be complete in the Summer of 2023. The purpose of the RFCNA is to provide comprehensive documentation and analysis of the City's existing six (6) recreation centers. This analysis will be utilized for prioritizing capital improvements and maintenance requirements, which will assist in the allocation of operating budgets. The assessment will include information from all reliable sources of existing data and should produce an analysis that identifies all facility components and elements requiring maintenance, repair and/or major capital investment.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6311229		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Fund Cash Reserve - CIP	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Parks Improvements-Contingency Fund-Grants/Other

Various

This CIP creates spending authority for grants and other funding that are received mid-year.
Projects will be based on an asset management, best practices approach to ensure that the most critical elements take priority.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309863		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Grants/Other	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Parks Urban Forest

Various

This project funds new trees in neighborhood, community and regional parks, as well as sports complexes, to implement the municipal portion of the Urban Forest Master Plan's 25% tree and shade canopy coverage performance measure. Where possible, tree planting projects will occur in conjunction with other, already scheduled projects, such as playground, ramada, or irrigation renovations, ensuring parks are negatively impacted as little as possible. The neighborhood and community park portions of this project have been accelerated to be completed by the end of FY 2025.

This project also funds replacement trees lost to storm damage, natural senescence (age), vandalism, and accident. An industry standard rate of 2% each year will be used for replacements until data provides a clearer annual number. Scheduled projects include:

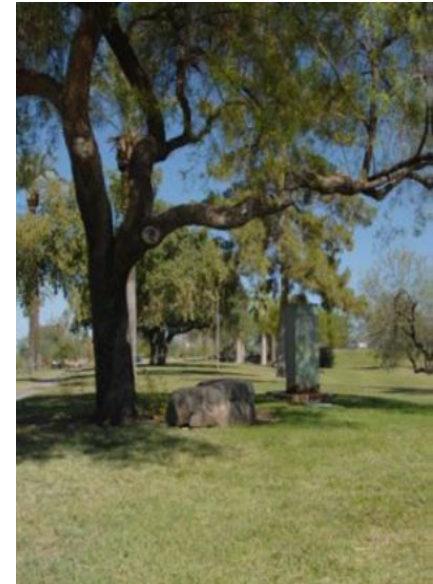
FY 2023-24: Campbell, Estrada, Optimist, Waggoner East, Rio Salado, Kiwanis, Benedict Sports Complex and Tempe Sports Complex; annual replacements

FY 2024-25: Ehrhardt, Arredondo, Joyce, Rio Salado, Kiwanis Park, Benedict Sports Complex and Tempe Sports Complex; annual replacements

FY 2025-26: Rio Salado, Kiwanis and Tempe Sports Complex; annual replacements

FY 2026-27: Rio Salado, Kiwanis and Tempe Sports Complex; annual replacements

FY 2027-28: Rio Salado, Kiwanis and Tempe Sports Complex; annual replacements



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.11 Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

Priority Type						
Asset Preservation	6309489		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$740,851	\$376,500	\$305,000	\$305,000	\$321,000	\$2,048,351
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$740,851	\$376,500	\$305,000	\$305,000	\$321,000	\$2,048,351
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$740,851	\$376,500	\$305,000	\$305,000	\$321,000	\$2,048,351
Total	\$740,851	\$376,500	\$305,000	\$305,000	\$321,000	\$2,048,351
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$42,160	\$54,560	\$66,960	\$79,360	\$243,040
Total	\$0	\$42,160	\$54,560	\$66,960	\$79,360	\$243,040

Capital Improvements Program

Pickleball Courts

Tempe Sports Complex

This project designs and builds eight (8) dedicated pickleball courts at the Tempe Sports Complex. In conjunction with this project, Tempe’s ADA Transition Plan for infrastructure compliance will be implemented. This project is substantially complete and remaining funds will be used for needed corrections.





Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6308559		7/1/2017		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$75,125	\$0	\$0	\$0	\$0	\$75,125
Total	\$75,125	\$0	\$0	\$0	\$0	\$75,125
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$75,125	\$0	\$0	\$0	\$0	\$75,125
Total	\$75,125	\$0	\$0	\$0	\$0	\$75,125
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Preserves Management Plan

Papago Park

Tempe recognizes the immense value of its two desert preserves: Papago and Hayden Butte. Their unique natural, cultural, social, recreational, educational, historic and archaeological resources require proactive stewardship in order to ensure proper long-term conservation. Parks and Recreation, in partnership with other City departments, the Desert Conservation Commission, and the community will develop a management plan to identify necessary improvements, methods of care, and an implementation plan for both desert preserves. A separate project will implement the components of the management plan.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309469		7/1/2018		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Project Fund Balance	\$150,000	\$0	\$0	\$0	\$0	\$150,000
General Fund Cash Reserve - CIP	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Recreation Emergency Repair

Various

This project creates funding to address the unexpected failures, public safety, and/or contractual obligations. Each year, aging infrastructure, weather or other incidents cause unscheduled facility and equipment failures that require repair or replacement. Even with a program of regular asset replacements there will be some unanticipated failures that would cause significant service interruptions if demands cannot wait for scheduled replacement. A few examples of emergencies are pool heater failure, broken fitness equipment, unexpected damage to fixtures and furnishings and damage to fencing and netting caused by damage.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6310529		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$145,279	\$0	\$0	\$0	\$0	\$145,279
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$450,000
Total	\$195,279	\$100,000	\$100,000	\$100,000	\$100,000	\$595,279
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$195,279	\$100,000	\$100,000	\$100,000	\$100,000	\$595,279
Total	\$195,279	\$100,000	\$100,000	\$100,000	\$100,000	\$595,279
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Sports Facility Relamping

Various

This project provides funding for regular re-lamping of our sports facilities' lighting systems to ensure optimum light levels. It establishes a 5-year cycle of re-lamping and cleaning of light fixtures for all non-LED softball/baseball fields, soccer fields, swimming pools, and skate parks, as well as basketball, volleyball, racquetball, tennis, and pickleball courts.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

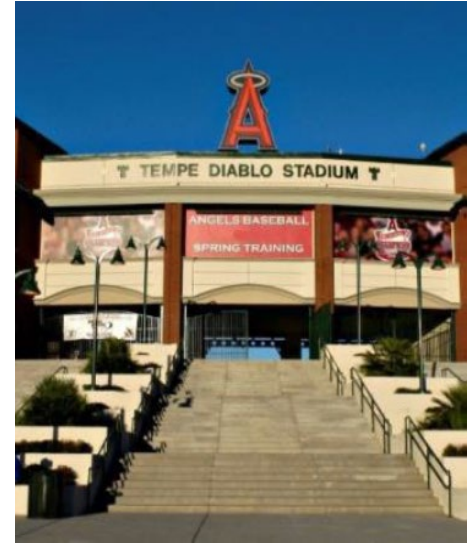
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6309929		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$155,915	\$0	\$0	\$0	\$0	\$155,915
Total	\$230,915	\$75,000	\$75,000	\$75,000	\$75,000	\$530,915
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$230,915	\$75,000	\$75,000	\$75,000	\$75,000	\$530,915
Total	\$230,915	\$75,000	\$75,000	\$75,000	\$75,000	\$530,915
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Diablo Stadium Improvements/Repairs

Diablo Stadium

Tempe Diablo Stadium was constructed in the late 1960's and has undergone several renovations since that time including an extensive renovation in 2005. This project will provide for the ongoing critical maintenance of the facility and its systems. There are repairs needed for concrete, roofing, fencing, and issues relating to HVAC's, electrical, and plumbing systems. Annual maintenance repairs are also needed for the high volume of use in spring. The impacted areas will include but may not be limited to the grandstands, concourse, stairwells and locker room areas. Future additional funding for this project is dependent on the outcome of the major Diablo Stadium Complex renovations. Current renovations are set to start in FY25/26 and continue into FY26/27.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	6308139		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$276,183	\$250,000	\$250,000	\$250,000	\$250,000	\$1,276,183
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$276,183	\$250,000	\$250,000	\$250,000	\$250,000	\$1,276,183
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$276,183	\$250,000	\$250,000	\$250,000	\$250,000	\$1,276,183
Total	\$276,183	\$250,000	\$250,000	\$250,000	\$250,000	\$1,276,183
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Police Program FY 2023/24- FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
9-1-1/Radio Recording Equipment Refresh	5510709	General Obligation Bonds	-	500,000	500,000	-	-	-	-	500,000
<u>Cell Site Simulator Upgrade</u>	N/A	General Obligation Bonds	-	-	-	-	-	-	765,000	765,000
City Regional Radio System Maintenance and Replacement	5501989	General Obligation Bonds	3,200,000	4,049,883	7,249,883	1,563,824	4,476,869	4,100,707	6,494,509	23,885,792
	3207439	Water / Wastewater Fund	-	-	-	-	-	75,600	-	75,600
		Project Total	3,200,000	4,049,883	7,249,883	1,563,824	4,476,869	4,176,307	6,494,509	23,961,392
Detention Facility Improvements	5509699	General Obligation Bonds	170,800	79,200	250,000	100,000	-	-	-	350,000
Digital Forensics Server Unit Project	N/A	General Obligation Bonds	-	-	-	-	-	350,000	-	350,000
Evidence Impound Vehicle Storage Lot	5509909	General Obligation Bonds	1,521,273	500,000	2,021,273	-	-	-	-	2,021,273
Expansion and Replacement of Rifles	5508629	General Obligation Bonds	-	-	-	-	-	400,000	-	400,000
Explosive Ordnance Detection Large-Frame Robot Replacement	5511139	General Obligation Bonds	-	450,000	450,000	-	-	-	-	450,000
Explosive Ordnance Detection X Ray System Replacement	N/A	General Obligation Bonds	-	-	-	-	-	200,000	-	200,000
Explosive Ordnance Disposal Deployment Vehicle Replacement	N/A	General Obligation Bonds	-	-	-	750,000	-	-	-	750,000
Fingerprint Identification System Update	5508999	General Obligation Bonds	115,230	-	115,230	73,000	-	-	-	188,230
Incident Command Vehicle Replacement	5510319	General Obligation Bonds	615,854	-	615,854	-	-	-	-	615,854
Mobile and Enhanced Computer Replacement	5509189	General Obligation Bonds	236,654	2,250,000	2,486,654	-	95,000	50,000	-	2,631,654
New Police Substation	5511149	Development Impact Fees	-	6,000,000	6,000,000	6,278,446	-	-	-	12,278,446
		General Obligation Bonds	-	-	-	-	5,000,000	-	-	5,000,000
		General Fund Cash Reserve-CIP	-	-	-	15,650,000	-	-	-	15,650,000
		Project Total	-	6,000,000	6,000,000	21,928,446	5,000,000	-	-	32,928,446

Police Program
FY 2023/24- FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Police Analytics Integrated Information System	N/A	General Obligation Bonds	-	-	-	750,000	-	-	-	750,000
Police Facilities Repair/Remodel (formerly Hardy Substation HVAC and Gear Locker)	5510309	General Obligation Bonds	250,000	-	250,000	350,000	775,000	-	-	1,375,000
Protective and Emergency Preparedness Equipment	5509719	General Obligation Bonds	950,807	-	950,807	290,000	-	120,000	-	1,360,807
Public Safety Communications Equipment Replacement	5510709	General Obligation Bonds	-	600,000	600,000	-	700,000	-	-	1,300,000
SWAT Van Replacement	5510719	General Obligation Bonds	297,639	-	297,639	-	-	-	-	297,639
Taser Refresh	5508819	General Obligation Bonds	-	87,600	87,600	87,600	87,600	87,600	87,600	438,000
Police Protection Program Total			7,358,257	14,516,683	21,874,940	25,892,870	11,134,469	5,383,907	7,347,109	71,633,295

Capital Improvements Program

9-1-1/Radio Recording Equipment Refresh

1855 E. Apache Blv.

The Communications Bureau provides recordings for 9-1-1 and non-emergency calls as well as police radio traffic for Public Records Requests, the City Attorney’s Office and outside agencies. The equipment provides protection for the Police Department and the City from liability and aids in the prosecution of suspects on a daily basis. Furthermore, it provides the ability for the Communications Supervisors to conduct regular assessments of employee activity and focus training on topics needed to better serve the community. The radio recording equipment was replaced in 2013 and the telephone recording equipment was replaced in 2017. Since most technology has a 5 - 7 year life span, the existing equipment will need to be replaced during this time frame. While components many be replaced separately, doing so will cause issues with compatibility when storing and retrieving recordings. As such, this request is to replace the full recording system to meet the existing technological needs and broadening the capability to allow for storage of Next Generation 9-1-1 information such as video and text messaging in the future.



Primary City Council Priority and Performance Measure Addressed

Safe & Secure Communities

1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5510709		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$45,000	\$45,000	\$45,000	\$45,000	\$180,000
Total	\$0	\$45,000	\$45,000	\$45,000	\$45,000	\$180,000

Capital Improvements Program

Cell Site Simulator Upgrade

Various

The latest upgrade to our cellular tracking capability to 4G was approximately in 2013. The current system we have has reached its end of life due to the change in technology therefore, we are no longer able to capture all pertinent data from the simulator. The figure below is an estimate based on that amount and the speed in which cellular technology is changing. The cellular tracking equipment used by the Tempe Police Department, Technical Unit has been instrumental in providing valuable investigative support in a multitude of high priority investigations. These investigations include homicides, robberies, missing persons, sex crimes, aggravated assaults, wanted persons, property crimes, etc. The benefits of having this equipment will include faster response times when attempting to locate suspects and victims in high priority incidents. Additionally, the technological advantages provided by this equipment substantially increase the capabilities of Tempe PD's investigative units. Our current equipment has not only benefitted Tempe, but we have also been used to assist Gilbert, Chandler, Mesa and Scottsdale with investigations in their city. This equipment is essential for locating dangerous / violent suspects as well as gathering intelligence. Cell site simulators save time and money by reducing the amount of time and personnel needed when looking for dangerous suspects and/or locating victims.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2027		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$765,000	\$765,000
Total	\$0	\$0	\$0	\$0	\$765,000	\$765,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$0	\$765,000	\$765,000
Total	\$0	\$0	\$0	\$0	\$765,000	\$765,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Regional Radio System Maintenance and Replacement

120 E 5th St

The City of Tempe currently utilizes the Regional Wireless Cooperative (RWC), a regional Project 25 700/800 MHz interoperable radio system. The RWC has twenty three partners and many other interoperable partners, allowing for seamless interoperability among federal, state, transit, county and municipal users. To support the infrastructure, maintenance, upgrades and support staff, RWC members must pay ongoing yearly costs. The RWC system makes significant use of the 700 MHz public safety frequency band, and as such is cognizant of the upcoming FCC requirement to narrowband operations to achieve 6.25 kHz equivalent efficiency in that band. The RWC has communicated to its users, including Tempe that it plans to upgrade to Project 25 Phase 2 TDMA operations within the next six years in order to comply with the FCC's mandate. Tempe continues to upgrade and/or replacing "end user" equipment to accommodate this upgrade.

All Tempe municipal, police and fire portable and mobile radios continue to be replaced. Dispatch equipment used at the Apache Police substation must be replaced prior to upcoming end of support, Dispatch equipment at the Hardy Police substation, Johnny G Martinez Water facility will also need to be replaced. JGM dispatch equipment has been ordered but is delayed. Hardy Police substation equipment replacement is scheduled for fiscal year 24/25. This project will continue to allow secure, day-to-day, real time communications between Tempe users as well as allowing interoperability between Tempe and the twenty six other member agencies and the numerous other state agencies. The purchase of PD Comsets for Tactical Team will be deferred until fiscal year 23/24 due to the PD purchasing new radios and the time needed to find compatible Comsets.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5501989		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$4,149,883	\$1,563,824	\$4,476,869	\$4,176,307	\$6,494,509	\$20,861,392
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$4,149,883	\$1,563,824	\$4,476,869	\$4,176,307	\$6,494,509	\$20,861,392
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$4,149,883	\$1,563,824	\$4,476,869	\$4,100,707	\$6,494,509	\$20,785,792
Water / Wastewater Fund	\$0	\$0	\$0	\$75,600	\$0	\$75,600
Total	\$4,149,883	\$1,563,824	\$4,476,869	\$4,176,307	\$6,494,509	\$20,861,392
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Detention Facility Improvements

120 E. 5th Street Tempe AZ 85281

This is a request to roll over appropriations from FY 2022-23 to next year in order to complete this project. The existing contract for this project has fallen through requiring a new process. Additional costs have been added due to inflation. This is an approved improvement request to renovate, improve, and replace fixtures, locks, and workstations that are either faulty or at End-of-life (EOL). The majority of lighting fixtures, toilet fixtures, locks and the control room workstations have not been replaced or remodeled in 20 years. To maintain and preserve the infrastructure of the Detention Facility there is a need to replace lighting fixtures, toilet fixtures, locks, and other detention facility related items for the health and welfare of the employees, arrestees, and the facility. The funding requested for FY 2024-25 would be utilized to replace toilet fixtures and related valves and plumbing which are faulty and leaking. The Tempe Police Department Detention Facility is able to house 50 arrested individuals at any given time, 24 hours a day, 7 days a week. The facility consists of 22 cells, which include lighting fixtures, toilet fixtures, and locks on each of the cell doors, as well as locks on exterior doors of the facility. Also, within the Detention Facility is a Control Room workstation in which Detention Officers process booking paperwork, monitor detainees, and answer phone calls. The Detention Bureau's overall responsibility is to maintain care, custody, and control of those arrested so they are safe, do not have the opportunity to escape, or the ability to take control of the facility.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5509699		Ongoing		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$250,000	\$100,000	\$0	\$0	\$0	\$350,000
Total	\$250,000	\$100,000	\$0	\$0	\$0	\$350,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$250,000	\$100,000	\$0	\$0	\$0	\$350,000
Total	\$250,000	\$100,000	\$0	\$0	\$0	\$350,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Digital Forensics Unit Server Replacement Project

Head Quarters

The Digital Forensics Unit of the police department maintains a specialized computer server which stores sensitive evidence from significant criminal investigations, such as homicide and child exploitation investigations. This server is used to assist our Internet Crimes Against Children (ICAC) unit in their fight to combat crimes against children and store specific case information that leads to the apprehension of child predators. Additionally, our Digital Forensics Unit processes technology such as phones, computers, etc. for all our investigations, and requires a high level of technology to achieve this. The current server will be 10 years old in 2027, which is the end of its effective lifespan. The server is a crucial piece of technology and therefore should be replaced. The software subscription, service and warranty will require recurring operational costs.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.05 Achieve ratings for responses to “When it comes to the threat of crime, how safe do you feel in your neighborhood?” between 80 and 100 on a scale of 0 (not safe at all) to 100 (completely safe) greater than or equal to the top ten percent of national benchmark cities as measured by the monthly Police Sentiment Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2026		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Total	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$0	\$0	\$0	\$16,000	\$16,000
Total	\$0	\$0	\$0	\$0	\$16,000	\$16,000

Capital Improvements Program

Evidence Impound Vehicle Storage Lot

Greentree Drive and 52nd Street

The Police Department is seeking funding to develop a parcel of land for storing and maintaining all impounded vehicles the Police Department seizes for criminal justice purposes. On average, the Police Department seizes and impounds over 700 vehicles a year. These vehicles are often held for extended periods of time based on State law and the severity of the case for which they were seized. Currently, these vehicles are stored at multiple locations which make it extremely difficult and time consuming for Property Unit staff and case detectives to secure and manage them.

This project is being considered as part of the 2018-19 Citywide Facility Planning Project by MAKERS. The Police Department needs a short-term storage solution on city owned property to alleviate current conditions and a long-term solution which coincides with the City's master plan on City owned property.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5509909		1/1/2022		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,021,273	\$0	\$0	\$0	\$0	\$2,021,273
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,021,273	\$0	\$0	\$0	\$0	\$2,021,273
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,021,273	\$0	\$0	\$0	\$0	\$2,021,273
Total	\$2,021,273	\$0	\$0	\$0	\$0	\$2,021,273
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Expansion and Replacement of Rifles

Various

This project aims to replace the Tempe Police Department's (TPD) existing Special Weapons And Tactics (SWAT) handguns, rifles, precision rifles, and related accessories in FY 2026-27. The SWAT team's existing weapons systems will have reached their end of life expectancy by 2027 and will require replacement. These weapons systems are the primary weapons used by SWAT operators and snipers during high-risk incidents. The estimated costs for the weapons systems are as follows: \$60,000 (handguns); \$140,000 (rifles); \$160,000 (precision rifles); and \$40,000 (accessories). Funding this project ensures TPD's SWAT operators are equipped with the necessary tools and resources needed to address public safety threats while keeping our law enforcement officers and community safe.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5508629		7/1/2026		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Total	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Total	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Explosive Ordnance Detection Large-Frame Robot Replacement

Various

This project aims to replace the Tempe Police Department's (TPD) existing Explosive Ordnance Detection (EOD) large-frame robot. EOD robots are critical tools used by law enforcement to protect citizens and law enforcement officers (LEOs) in high-risk situations involving explosives and dangerous individuals. TPD'S existing EOD large-frame robot (Remotec F6B) was in service for approximately 17 years (as of FY 2022-23) and is now inoperable due to an electrical issue stemming from the repair of an electric drive motor. The Remotec F6B is a large, remotely operated robotic platform capable of service to the bomb squad in diagnosing and rendering safe suspect packages and Improvised Explosive Devices (IEDs). The robot can also access vehicles (using attached tools) and deploy countercharges to counteract Vehicle-Borne Improvised Explosive Devices (VBIED's). In situations involving dangerous individuals, the TPD's tactical team uses the EOD large-frame robot in multiple ways. For example, the robot can perform surveillance and intelligence collection missions, breach barricaded doors and windows, flatten the tires of suspect vehicles, move obstacles, and provide a communication portal via its two-way radio. TPD's is requesting that replacement of the EOD large-frame robot be moved to FY 23-24 because the old one is no longer operational.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5511139		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Total	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Total	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Explosive Ordnance Detection X-Ray System Replacement

Various

This project aims at replacing the Tempe Police Department's (TPD) Explosive Ordnance Detection (EOD) Unit's five X-ray systems. TPD's existing EOD x-ray systems have been in service for approximately 16 years (as of FY 22-23). EOD X-ray systems safely and effectively diagnose Improvised Explosive Devices (IEDs), suspicious packages, and other items that need to be analyzed without manipulation. In addition, x-ray systems are the first tool EOD technicians use to in counter IED detection. Taking into consideration the anticipated life expectancy and technological advances, existing X-ray systems will be regarded as obsolete in FY 2026-27 and will need to be replaced. The estimated cost to replace the x-ray systems is \$200,000.00 (with no recurring fees).



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	N/A		7/1/2026		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Explosive Ordnance Detection Deployment Vehicle Replacement

Various

This project aims to replace the Tempe Police Department's (TPD) existing Explosive Ordnance Detection (EOD) Deployment Vehicle. EOD deployment vehicles are used to store and secure specialized EOD equipment and transport the equipment to and from scenes involving potential explosives and dangerous individuals. TPD's existing EOD deployment vehicle has been in service for approximately 16 years (as of FY 2021-22). The specialized equipment secured and transported in the existing EOD deployment vehicle is critical to safeguard victims, innocent bystanders, and Law Enforcement Officers (LEOs) in high-risk incidents involving potential explosives and dangerous individuals. TPD's existing EOD deployment vehicle has surpassed its life expectancy. It is also limited in its capacity for equipment storage. The new EOD deployment vehicle would provide the additional storage space needed by the EOD Unit and ensure the equipment's safe and secure transport. With increases in vehicle manufacturing and fabrication costs, the EOD deployment vehicle's estimated cost has risen from \$625,000 to \$750,000.00 in FY 2024-25.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2024		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Total	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Total	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Outlay	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$12,000
Total	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$12,000

Capital Improvements Program

Fingerprint Identification System Update

Various

This project will continue to allow technological updates the Police Department's fingerprint identification equipment by replacing technology that has passed its useful life expectancy and adding additional technology to create greater workload efficiencies. These systems provide a means to produce consistent, high quality fingerprint images into an inkless, digital format to create criminal history records. As current equipment reaches its life expectancy, it must be replaced to ensure there is no disruption of fingerprint processing services. In addition, these systems are the only approved means to transmit City of Tempe fingerprint records to the Department of Public Safety (DPS) and the Federal Bureau of Investigations (FBI). Specific equipment needing to be replaced and added includes three Morpho Livescan machines, a store and forward computer and a latent print workstation. Expansion of this project will address inefficiencies in the Department's fingerprint process by adding two additional workstations: One additional Livescan machine at the Detention facility and a latent print workstation will be added in the Forensic Services Unit (FSU) to address resource-use conflicts. This expansion will further allow for equipment replacement and expected maintenance, as it is anticipated the lead agency we are mandated to be in compliance with (DPS) will also undergo technological upgrades which will necessitate us following suit. This CIP is also seeking to roll the FY23 funds over to FY24, as there is a possibility the money will not be spent before the end of this fiscal year due to potential delays.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.12 Achieve a clearance rate of violent cases greater than or equal to the national 5-year average for cities our population size.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5508999		7/18/2018		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$115,230	\$73,000	\$0	\$0	\$0	\$188,230
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$115,230	\$73,000	\$0	\$0	\$0	\$188,230
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$115,230	\$73,000	\$0	\$0	\$0	\$188,230
Total	\$115,230	\$73,000	\$0	\$0	\$0	\$188,230
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Incident Command Vehicle Replacement

Various

This project will replace the Tempe Police Department's (TPD) existing Incident Command Vehicle (ICV). An ICV is an oversized vehicle that serves as a mobile command post for use at city special events, local and multi-jurisdictional task force operations, criminal investigations (i.e., missing person/child searches), and natural disasters that occur locally and statewide. ICVs are self-contained with workstations, small meeting room(s), a restroom, equipment, and computer technology necessary to provide an investigative and emergency operation center on the scene in the field. Unfortunately, given the existing ICV is over 20 years old, there is significant downtime for repairs, and technology has outpaced its replacement schedule. As a result, an important asset has become unavailable for critical investigations, large events, and significant incidents in Tempe and surrounding communities. The option of remodeling the existing ICV was explored; however, this approach was impractical and not cost-effective. After inquiries, it was decided that the most cost-efficient and practical option was to replace the existing ICV with two smaller ICVs, one of which has been purchased. The new ICV will provide adequate work, meeting, and planning spaces; and updated technology and communication capabilities critical to personnel responding to and managing significant incidents, events, and investigations in our community. The second ICV is on order, but will not be delivered prior to end of FY 2022-23, therefore the funds need to be rolled over to FY 2023-24 to complete the project. No operating impacts as appropriation has been placed in existing budget.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Public Health and Safety	5510319	7/1/2023		6/30/2024		
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$615,854	\$0	\$0	\$0	\$0	\$615,854
Total	\$615,854	\$0	\$0	\$0	\$0	\$615,854
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$615,854	\$0	\$0	\$0	\$0	\$615,854
Total	\$615,854	\$0	\$0	\$0	\$0	\$615,854
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Outlay	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$12,000
Total	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$12,000

Capital Improvements Program

Mobile and Enhanced Computer Replacement

Various

Police mobile and enhanced computers are essential for field and investigative employees to maintain constant access to a fully integrated public safety system. The public safety system is comprised of computer aided dispatch, records management systems, investigative case management systems, evidence management, and crime scene mapping, along with analytical systems. Mobile computers provide field employees with the ability to communicate with each other, respond to calls for service, and complete police reports, records of field contacts, and arrests/bookings. Enhanced computers also provide investigative field employees with the ability to manage their caseload from the field or office, map crime and crash scenes, and conduct analysis and intelligence research. Mobile computers, enhanced computers, vehicle mounting equipment, desktop mounts, cabling and connections, and related peripheral equipment and items to enable continuous functioning need to be replaced every five (5) years to ensure employees have access to critical systems and limit individual and systems failures to prevent a negative impact on the ability of field and investigative personnel to deliver police services effectively and efficiently.





Safe & Secure Communities

1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5509189		Ongoing		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$2,486,654	\$0	\$95,000	\$50,000	\$0	\$2,631,654
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,486,654	\$0	\$95,000	\$50,000	\$0	\$2,631,654
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$2,486,654	\$0	\$95,000	\$50,000	\$0	\$2,631,654
Total	\$2,486,654	\$0	\$95,000	\$50,000	\$0	\$2,631,654
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

New Police Substation

8201 S. Hardy Dr.

In support of Tempe Police Departments key initiatives, reduce crime/fear of crime and community and regional engagement, and in accordance with the City's Facilities Master Plan (Makers April 2019), this project will provide design services and construction of a new Police Substation. Restructuring will occur and this new substation will house South Patrol Operations, some of the Investigation Division, Records, Training and all associated support functions. With the growth and urbanization in Tempe the Police Department is restructuring patrol services by adding another patrol bureau: Central, North, and South. Central Bureau will be located at Headquarters enhancing patrol services in North Tempe. The new division of patrolling services will also be emulated in the Communications Bureau. Together each bureau will provide more efficient policing services throughout the city. Units from the Investigations Division (Criminal and Special Investigation Bureaus) will also relocate from headquarters. The vacated spaces will make room for the Courts/Justice Center Expansion and for the Central Bureau (Officers, Bikes, School Resource Officers, Transit, and Special Events). The new substation at Hardy will house approximately 150 police employees. This project is the starter/1st phase for many projects to come as noted in the Facilities Master Plan and directly affects the following projects: 1) Vacate the Hawk Substation, 2) Vacate the Bike area in the garden level, 3) vacate building #2 at HQ (Courts Modernization/expansion). See Makers and Arrington Watkins 2019 Studies for details. Please note the project is partially funded through development impact fees. Land costs are not included in the project estimates - by utilizing the existing land at 8201 S. Hardy Dr substantial savings are realized.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5511149		12/1/2022		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$6,000,000	\$0	\$0	\$0	\$0	\$6,000,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$21,928,446	\$5,000,000	\$0	\$0	\$26,928,446
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$6,000,000	\$21,928,446	\$5,000,000	\$0	\$0	\$32,928,446
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Development Impact Fees	\$6,000,000	\$6,278,446	\$0	\$0	\$0	\$12,278,446
General Obligation Bonds	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000
General Fund Cash Reserve - CIP	\$0	\$15,650,000	\$0	\$0	\$0	\$15,650,000
Total	\$6,000,000	\$21,928,446	\$5,000,000	\$0	\$0	\$32,928,446
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Police Analytics Integrated Information System

120 E Fifth Street

This project will enhance the integration of hardware and software crime and intelligence systems. Strategic and Tactical Crime and Intelligence Analysis are a key initiative for the Police Department, making accurate, timely, and actionable data and intelligence available to support key initiatives. Having quality data and intelligence supported by well-informed analysis improves the speed and effectiveness of decision making that is so vital to problem solving, and meeting City performance measures. The project will integrate hardware, software, public safety/open source databases currently being used, leverage emerging predictive analytic techniques, and will support the development, implementation, and activation of a Real Time Crime Center (RTCC) to enable more efficient and effective deployment of Police resources in responding to crime. A drive in this direction will enhance public safety by improving the quality of life in the community and contribute to an increase in citizen satisfaction in police responses and service.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	NA		7/1/2024		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Total	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Police Facilities Repair/Remodel

Various

With the aging infrastructure at all three of the police substations, and various ancillary facilities, this CIP will assist to cover costs for improvements that are currently needed and will be required as workgroups and services are strategically relocated and/or as new requirement(s) are presented.



Primary City Council Priority and Performance Measure Addressed



Sustainable Growth & Development

4.14 Achieve an average Facilities Condition Index (FCI) less than or equal to the national benchmark standards.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5510309		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$250,000	\$0	\$350,000	\$0	\$775,000	\$1,375,000
Total	\$250,000	\$0	\$350,000	\$0	\$775,000	\$1,375,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$250,000	\$0	\$350,000	\$0	\$775,000	\$1,375,000
Total	\$250,000	\$0	\$350,000	\$0	\$775,000	\$1,375,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Protective and Emergency Preparedness Equipment

Various

This request is to replace Department’s current inventory of emergency preparedness and protective equipment.

In FY 22-23, Tempe PD will replace ballistic helmets issued to every sworn personnel in the Department. The helmets ensure the safety of our police officers during the performance of their duties including serving warrants, contacting barricaded subjects as well as protecting officers and citizens of Tempe during any active shooter type incident. Also planned for replacement are 60 rifle shields and ballistic vest capable of defeating rifle ammunition for the Tactical Team. Equipment has been ordered, due to supply chain issues, receipt has been delayed / unpredictable. In FY 24-25 we will be replacing motor helmets for the Traffic Officers and tactical heavy vests for SWAT and CAST reaching end of useful life. These vests are rifle rated and provided to these teams for necessary protection when entries are made during search warrants, barricaded subjects, active shooter and/or all tactical situations. In FY 2026-27 we will be replacing gas masks (55) for members of SWAT.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

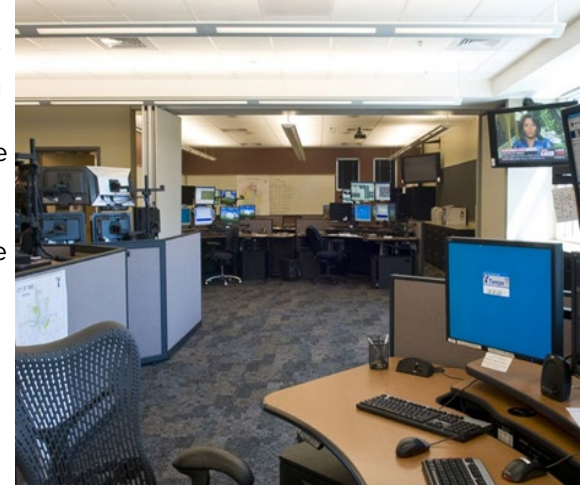
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5509719		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$950,807	\$290,000	\$0	\$120,000	\$0	\$1,360,807
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$950,807	\$290,000	\$0	\$120,000	\$0	\$1,360,807
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$950,807	\$290,000	\$0	\$120,000	\$0	\$1,360,807
Total	\$950,807	\$290,000	\$0	\$120,000	\$0	\$1,360,807
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Public Safety Communications Equipment Replacement

1855 E. Apache

This project will replace all monitors, furniture and equipment in the 911 Emergency Dispatch Center. This facility was built in 2008 and is used 24/7/365 to receive emergency calls for service and dispatch the appropriate police personnel as needed. With advances in technology, the Call Center will need to replace the audio/visual display system and static single-monitor/software concept with a flexible, as-needed display profile. Furthermore, the system will allow a supervisor or other team member to share the information with all employees on duty within the Call Center at the same time. This system will allow dispatchers to set up a display in a manner that is conducive to productive and comfortable working environment. Communications will replace technology in FY24. The Communications Bureau will ultimately move to another station, furniture will then be purchased in FY26 once that happens. The equipment undergoes extensive wear and tear, beyond that of normal office equipment and will need to be replaced to maintain the operational capability of assigned personnel.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.07 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Local Police Services" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5510709		7/1/2023		6/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$700,000	\$0	\$0	\$700,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$600,000	\$0	\$700,000	\$0	\$0	\$1,300,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$600,000	\$0	\$700,000	\$0	\$0	\$1,300,000
Total	\$600,000	\$0	\$700,000	\$0	\$0	\$1,300,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

SWAT Equipment Van Replacement

Various

This project aims to replace the Tempe Police Department's (TPD) existing Special Weapons And Tactics (SWAT) Equipment Vehicle. TPD's existing SWAT equipment vehicle has been in service for approximately 18 years (as of FY 2022-23). Due to a significant increase in the cost of the original vehicle, the decision was made to purchase two smaller SWAT equipment trucks instead of a single van. These vehicles will store specialized tactical equipment used by SWAT team operators and transport this equipment to scenes where the team is deployed. The specialized equipment secured within this vehicle is necessary to safeguard victims, innocent bystanders, and law enforcement officers during high-risk incidents. Additionally, the ability to transport SWAT equipment to any location gives tactical officers the ability to respond quickly to high-risk situations and provides a central location for the needed equipment. New SWAT equipment trucks would provide additional storage space and ensure that the equipment will be available when and where it is needed all within the remaining CIP. This purchase will require an additional \$3,000 per vehicle, per year in operating costs for gas and maintenance.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type						
Public Health and Safety	5510719		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$297,639	\$0	\$0	\$0	\$0	\$297,639
Total	\$297,639	\$0	\$0	\$0	\$0	\$297,639
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$297,639	\$0	\$0	\$0	\$0	\$297,639
Total	\$297,639	\$0	\$0	\$0	\$0	\$297,639
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Capital Outlay	\$0	\$6,000	\$6,000	\$6,000	\$6,000	\$24,000
Total	\$0	\$6,000	\$6,000	\$6,000	\$6,000	\$24,000

Capital Improvements Program

Taser Refresh

Various

The purpose of this project is to replace all departmental Tasers, conducted electrical weapons, issued as part of the Taser Refresh in 2022. The warranty for these units expires 2026. Funds allocated for the project will be used to purchase: 400 Tasers, 400 Taser battery packs, 400 Taser holsters, 2500 Taser cartridges, 4 Taser data download systems, training, and a 4-year Taser warranty. Failure to fund this project could result in an increase in non-warrantied equipment malfunctions and an increased risk of injury to both officers and suspects during use of force encounters. All sworn police and detention officers are issued a Taser as part of their assigned equipment.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5508819		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$87,600	\$87,600	\$87,600	\$87,600	\$87,600	\$438,000
Total	\$87,600	\$87,600	\$87,600	\$87,600	\$87,600	\$438,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$87,600	\$87,600	\$87,600	\$87,600	\$87,600	\$438,000
Total	\$87,600	\$87,600	\$87,600	\$87,600	\$87,600	\$438,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Storm Drains Program

FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
McKellips Storm Drain Improvements	N/A	General Obligation Bonds	-	-	-	-	-	-	396,815	396,815
		Flood Control District - Maricopa County	-	-	-	-	-	-	793,630	793,630
		City of Scottsdale	-	-	-	-	-	-	396,814	396,814
		Project Total	-	-	-	-	-	-	1,587,259	1,587,259
Mill Avenue Drainage Improvements	5810749	General Obligation Bonds	58,000	-	58,000	-	67,000	415,829	-	540,829
		Flood Control District - Maricopa County	58,000	-	58,000	-	66,000	830,683	-	954,683
		Project Total	116,000	-	116,000	-	133,000	1,246,512	-	1,495,512
Roosevelt Storm Drain	5810911	General Obligation Bonds	861,000	252,824	1,113,824	1,097,176	-	-	-	2,211,000
		City of Scottsdale	-	-	-	1,750,000	-	-	-	1,750,000
		Flood Control District - Maricopa County	-	469,529	469,529	6,030,471	-	-	-	6,500,000
		Project Total	861,000	722,353	1,583,353	8,877,647	-	-	-	10,461,000
Storm Drain Improvements	5899971	General Obligation Bonds	1,182,766	333,000	1,515,766	333,000	333,000	333,000	333,000	2,847,766
Watson Drive - Bonarden Lane Drainage Improvements	5810079	General Obligation Bonds	416,991	509,190	926,181	-	-	-	-	926,181
		Flood Control District - Maricopa County	540,670	1,033,810	1,574,480	-	-	-	-	1,574,480
		Project Total	957,661	1,543,000	2,500,661	-	-	-	-	2,500,661
Storm Drains Program Total			3,117,427	2,598,353	5,715,780	9,210,647	466,000	1,579,512	1,920,259	18,892,198

Capital Improvements Program

McKellips Drive Storm Drain

McKellips Road and Scottsdale Road

This is the second highest ranked project in the Tempe Drainage Master Study. We will apply to Flood Control District of Maricopa County for this project for the District's Capital Improvement Program funding at 50% match and requires participation from the City of Tempe and the City of Scottsdale. The drainage solutions for this area are focused on increasing the stormdrain capacity as well as increasing the capture capacity to provide relief from areas of potential flooding. The proposed improvements involve replacement of the existing, undersized 48-in storm drain that currently runs from Indian Bend Wash (IBW) to Miller Rd. Since the Scottsdale Road stormdrain is undersized, it will also be connected to the new McKellips Drive stormdrain at McKellips Road, freeing up its capacity runoff south of McKellips Road. The proposed stormdrain includes three laterals that will intercept flow upstream of McKellips Rd. The lateral stormdrains extend north from McKellips Road in Scottsdale Road, 74th Street, and Miller Road. The lateral in Scottsdale Road will parallel the existing Scottsdale Road stormdrain and turn west at Fillmore Street, where it will extend to 71st Street. In addition to the new laterals, inlets will also be added along McKellips Road at the upstream side of intersecting streets, improving drainage conditions for the neighborhoods south of McKellips Rd. The proposed flood mitigation alternative is from the LIBW ADMSP. Desing is anticipated to begin in Fiscal Year 2027/28 and construction is anticipated for funding in Fiscal Year 2028/29.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2027		12/31/2029	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$15,600	\$15,600
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$44,400	\$44,400
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$1,527,259	\$1,527,259
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$1,587,259	\$1,587,259
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Flood Control District - Maricopa County	\$0	\$0	\$0	\$0	\$793,630	\$793,630
City of Scottsdale	\$0	\$0	\$0	\$0	\$396,814	\$396,814
General Obligation Bonds	\$0	\$0	\$0	\$0	\$396,815	\$396,815
Total	\$0	\$0	\$0	\$0	\$1,587,259	\$1,587,259
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Mill Ave and UPRR Storm Drain Improvements

Mill Ave and Union Pacific Railroad, SE Corner

This project is identified in the Tempe Drainage Master Study. It is a project that will be eligible for Flood Control District of Maricopa County Project Funding. The project will focus on increasing the downstream stormdrain capacity, as well as connection of two separate stormdrain systems to provide relief to the systems, and increased capture capacity in the area of potential flooding. Possible flood mitigation components for this location include: 1) Provide relief to the storm drainage system by replacement/addition of 1000'-24" storm drain along Mill Ave to connect to 13th St. system. Upsize 13th St. pipe from 30" to 42" to the Union Pacific Rail Road (UPRR) and the UPRR crossing pipe to 48"; 2) Provide additional capture capacity by replacement of 18" storm drain with 24" and addition of new catch basin.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

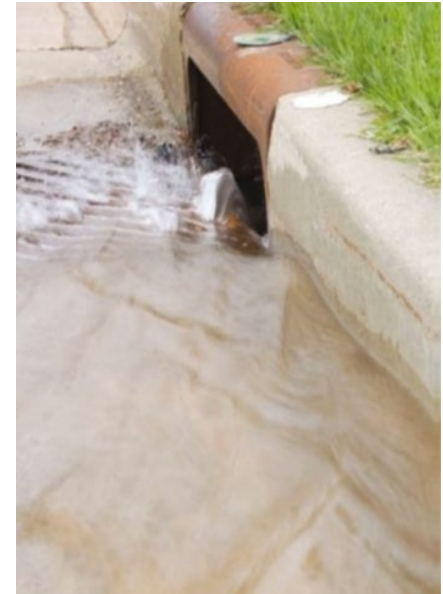
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5810749		7/1/2025		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$1,000	\$10,000	\$0	\$11,000
Land Acquisition	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Permit / Agency Fees	\$0	\$0	\$4,000	\$30,000	\$0	\$34,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$116,000	\$0	\$128,000	\$0	\$0	\$244,000
Survey / Staking	\$0	\$0	\$0	\$9,000	\$0	\$9,000
Inspection & Construction Management	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Geotech / Material Testing	\$0	\$0	\$0	\$9,000	\$0	\$9,000
Contingency	\$0	\$0	\$0	\$86,000	\$0	\$86,000
Construction / Installation / Improvement	\$0	\$0	\$0	\$856,512	\$0	\$856,512
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$86,000	\$0	\$86,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$116,000	\$0	\$133,000	\$1,246,512	\$0	\$1,495,512
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Flood Control District - Maricopa County	\$58,000	\$0	\$66,000	\$830,683	\$0	\$954,683
General Obligation Bonds	\$58,000	\$0	\$67,000	\$415,829	\$0	\$540,829
Total	\$116,000	\$0	\$133,000	\$1,246,512	\$0	\$1,495,512
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Roosevelt Storm Drain

Continental Drive and Roosevelt Road

This project ranked highly in the Tempe Drainage Master Study. The Flood Control District of Maricopa County recommended and approved this project for the District's Capital Improvement Program funding at 50% match and requires participation from the City of Tempe and the City of Scottsdale. The project will focus on increasing the stormdrain capacity and increasing the capture capacity to provide relief for areas of current and potential future flooding. The proposed Roosevelt Street stormdrain is an extension of the existing 78-inch stormdrain that outlets to IBW at Roosevelt Street. New stormdrains are also proposed to capture the flows in the east-west streets north of Roosevelt Street/Continental Drive (in Scottsdale), including new laterals in 74th Street., 70th Street, and 68th Street. A fourth lateral is proposed at the west end of Continental Drive, through Supai Middle School, to intercept the 100-year, 6-hour peak discharge that is released through the 42-inch culvert underneath the Crosscut Canal. In addition to the proposed lateral stormdrains, inlets will also be added along Roosevelt Street/Continental Drive at the upstream side of intersecting streets to collect runoff before it can leave the roadway gutter and flow to the south, improving drainage conditions for the neighborhood areas south of Continental Dr./Roosevelt.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5810911		2/1/2023		12/31/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$7,000	\$78,000	\$0	\$0	\$0	\$85,000
Land Acquisition	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Permit / Agency Fees	\$20,000	\$227,000	\$0	\$0	\$0	\$247,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$1,556,353	\$103,647	\$0	\$0	\$0	\$1,660,000
Survey / Staking	\$0	\$71,000	\$0	\$0	\$0	\$71,000
Inspection & Construction Management	\$0	\$497,000	\$0	\$0	\$0	\$497,000
Geotech / Material Testing	\$0	\$71,000	\$0	\$0	\$0	\$71,000
Contingency	\$0	\$710,000	\$0	\$0	\$0	\$710,000
Construction / Installation / Improvement	\$0	\$7,100,000	\$0	\$0	\$0	\$7,100,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,583,353	\$8,877,647	\$0	\$0	\$0	\$10,461,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Flood Control District - Maricopa County	\$469,529	\$6,030,471	\$0	\$0	\$0	\$6,500,000
City of Scottsdale	\$0	\$1,750,000	\$0	\$0	\$0	\$1,750,000
General Obligation Bonds	\$1,113,824	\$1,097,176	\$0	\$0	\$0	\$2,211,000
Total	\$1,583,353	\$8,877,647	\$0	\$0	\$0	\$10,461,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Storm Drain Improvements

Various

The city’s storm drainage system includes approximately 225 miles of storm drains, 3,600 catch basins, 1,670 storm manholes and two railroad underpass pump stations. This CIP project funds the following asset maintenance and improvements to the storm drainage system:

- 1) Replacement of substandard storm drain infrastructure (mainly catch basins) in conjunction with street reconstruction projects.
- 2) Repair and replace storm drain infrastructure as identified by the Water Utilities Storm Drain Assessment Program.
- 3) Small projects identified from the 2019 Stormwater Management Master Plan.
- 4) Safety and access improvements to the railroad underpass pump stations located at Rural Road and McClintock Drive

These activities will improve our storm drain system in areas across the City to enhance safety and lower the risk of flooding and property damage.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

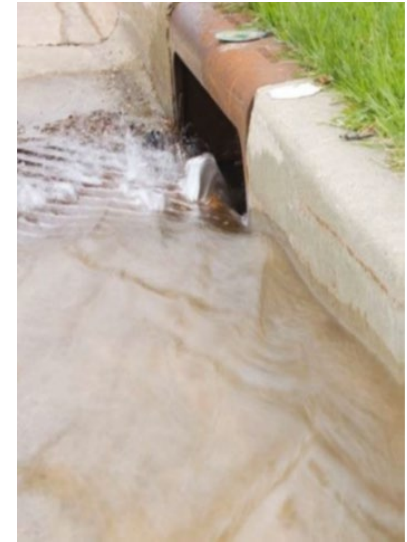
Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	589971		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$45,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$180,000
Survey / Staking	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
Inspection & Construction Management	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$85,000
Geotech / Material Testing	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
Contingency	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000
Construction / Installation / Improvement	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,200,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$1,182,766	\$0	\$0	\$0	\$0	\$1,182,766
Total	\$1,515,766	\$333,000	\$333,000	\$333,000	\$333,000	\$2,847,766
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,515,766	\$333,000	\$333,000	\$333,000	\$333,000	\$2,847,766
Total	\$1,515,766	\$333,000	\$333,000	\$333,000	\$333,000	\$2,847,766
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Watson Drive - Bonarden Lane Drainage Improvements

Watson Drive - Bonarden Lane

This is a ranked project in the Tempe Drainage Master Study. This project was a recipient of the Flood Control District of Maricopa County Small Project Funding. However, the cost of this project exceeded the funding limit for that program. The FCDMC has encouraged us to reapply for the Capital Improvement Planning Prioritization (Large Project Funding). This area has been subject to multiple structure flooding events. The drainage solutions in this area are focused on providing storage area (provides relief to the existing overtaxed stormdrain system) and connecting multiple stormdrain systems to provide relief to the systems. Possible flood mitigation components for this location include: An additional storm drain outlet from the neighborhood by adding a 36" pipe to connect from Watson Drive to Rural Road. And, either increasing storage volume at Scudder Park or adding a new storm drain from the neighborhood to connect to the existing Kiwanis system along Watson Drive, Palm Drive, and Sesame Street to College Avenue. Due to cost increases in the construction market, the funding program with the Flood Control District has change requiring a new agreement.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5810079		3/1/2021		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$14,000	\$0	\$0	\$0	\$0	\$14,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$13,000	\$0	\$0	\$0	\$0	\$13,000
Inspection & Construction Management	\$88,000	\$0	\$0	\$0	\$0	\$88,000
Geotech / Material Testing	\$13,000	\$0	\$0	\$0	\$0	\$13,000
Contingency	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Construction / Installation / Improvement	\$2,207,661	\$0	\$0	\$0	\$0	\$2,207,661
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,500,661	\$0	\$0	\$0	\$0	\$2,500,661
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$926,181	\$0	\$0	\$0	\$0	\$926,181
Flood Control District - Maricopa County	\$1,574,480	\$0	\$0	\$0	\$0	\$1,574,480
Total	\$2,500,661	\$0	\$0	\$0	\$0	\$2,500,661
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

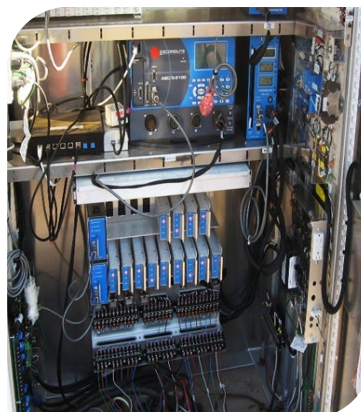
Transportation Program

Transportation projects total \$73.6 million in FY 2023/24 and account for 12% of the 2023/24 appropriated CIP budget

The Transportation element of the Capital Improvements Program includes all new and ongoing improvements put into service under the City's Transportation and Right-of-Way, and Traffic Signal and Street Lighting programs. Combined the two programs represent \$73.6 million of the Capital Improvements Budget for FY 2023/24.

In FY 2023/24 the main funding sources for transportation projects are the planned issuance of \$54.9 million in general obligation bonds, \$7.9 million from the transportation fund, and the balance from existing transportation capital project funds, federal grants, and other outside funding sources.

The Transportation and Right-of-Way program is scheduled to complete a variety of arterial and residential street maintenance, resurfacing, and reconstruction projects. The Traffic Signal and Street Lighting program is primarily focused on projects that maintain, replace and upgrade various technologies that support the City's traffic signals system, as well as on street light pole replacement.



Traffic Signals and Street Lighting Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Downtown ITS Operations	6909609	General Obligation Bonds	266,714	-	266,714	-	-	-	-	266,714
		Development Impact Fees	70,899	-	70,899	-	-	-	-	70,899
		Project Total	337,613	-	337,613	-	-	-	-	337,613
Fiber Optic Installation - University, Broadway Southern, McClintock, and Warner	6909629	General Obligation Bonds	484,000	-	484,000	-	-	-	-	484,000
		Development Impact Fees	-	-	-	-	-	-	-	-
		Project Total	484,000	-	484,000	-	-	-	-	484,000
ITS Network Infrastructure Upgrade	6911309	Federal Grants	-	744,970	744,970	-	-	-	-	744,970
		General Obligation Bonds	-	55,030	55,030	-	-	-	-	55,030
		Project Total	-	800,000	800,000	-	-	-	-	800,000
ITS Traffic Signal CCTV Upgrades	N/A	Highway User Revenue Fund	-	-	-	50,000	-	-	-	50,000
		General Obligation Bonds	-	-	-	500,000	250,000	-	-	750,000
		Project Total	-	-	-	550,000	250,000	-	-	800,000
New Signals/Safety Upgrades	6906209	General Obligation Bonds	1,140,665	450,000	1,590,665	-	-	-	-	1,590,665
New Traffic Signals - Developer Participation	6909669	Developer Funds	450,000	450,000	900,000	-	-	-	-	900,000
Priest Dr. Fiber Project	N/A	Highway User Revenue Fund	-	-	-	-	250,000	50,000	-	300,000
		Federal Grants	-	-	-	-	-	2,000,000	-	2,000,000
		Project Total	-	-	-	-	250,000	2,050,000	-	2,300,000
Southern Ave. Fiber Project	N/A	Highway User Revenue Fund	-	-	-	-	250,000	50,000	-	300,000
		Federal Grants	-	-	-	-	-	2,000,000	-	2,000,000
		Project Total	-	-	-	-	250,000	2,050,000	-	2,300,000
Streetlight LED Replacement Program	6908399	General Obligation Bonds	9,355	500,000	509,355	500,000	500,000	500,000	500,000	2,509,355
Streetlight Pole Structural Replacement	6999849	General Obligation Bonds	52,226	704,951	757,177	704,951	705,951	204,951	204,951	2,577,981
Streetlight Upgrade/New Installation	6999869	Highway User Revenue Fund	283,082	100,000	383,082	100,000	100,000	100,000	100,000	783,082
Traffic Management Center Upgrade	6910199	General Obligation Bonds	269,916	-	269,916	-	-	-	-	269,916
		Federal Grants	743,084	-	743,084	-	-	-	-	743,084
		Project Total	1,013,000	-	1,013,000	-	-	-	-	1,013,000

Traffic Signals and Street Lighting Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

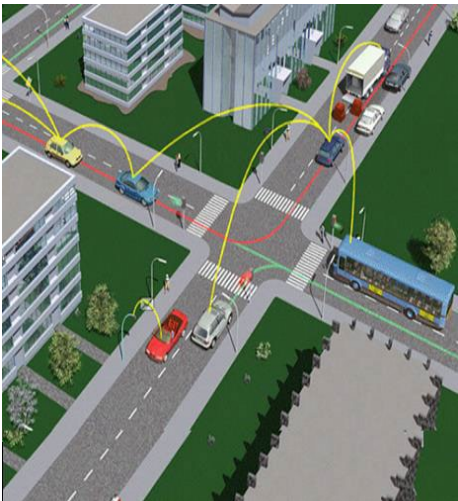
Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Traffic Signal Green Signs	6909229	General Obligation Bonds	98,412	99,522	197,934	99,522	99,522	99,522	150,522	647,022
Traffic Signal Infrastructure	6903383	General Obligation Bonds	92,015	525,000	617,015	525,000	525,000	525,000	525,000	2,717,015
<u>Traffic Signal Pedestrian Access Improvements</u>	6909679	General Obligation Bonds	52,413	-	52,413	50,000	50,000	50,000	50,000	252,413
Update Signalized Intersection Detection	6910209	General Obligation Bonds	506,038	325,000	831,038	250,000	250,000	250,000	250,000	1,831,038
Warner Rd. and Kyrene Canal Bike Ped Signal	6910479	General Obligation Bonds	529,820	-	529,820	-	-	-	-	529,820
Western Canal @ Guadalupe Rd Crossing Improvements	6910489	General Obligation Bonds	670,179	-	670,179	-	-	-	-	670,179
Traffic Signals and Street Lighting Program Total			5,718,818	3,954,473	9,673,291	2,779,473	2,980,473	5,829,473	1,780,473	23,043,183

Capital Improvements Program

Downtown ITS Operations

Downtown

The project will provide the City with safety and performance upgrades of its Transportation Systems and Operations network to improve communications reliability and expand its capabilities to view, monitor and actively manage traffic conditions along the streetcar route. This project will install new controllers, CCTVs, detection cameras and EMTRAC transit signal priority devices to improve real-time traffic signal operations and improve traffic flow in coordination with the modern streetcar project.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

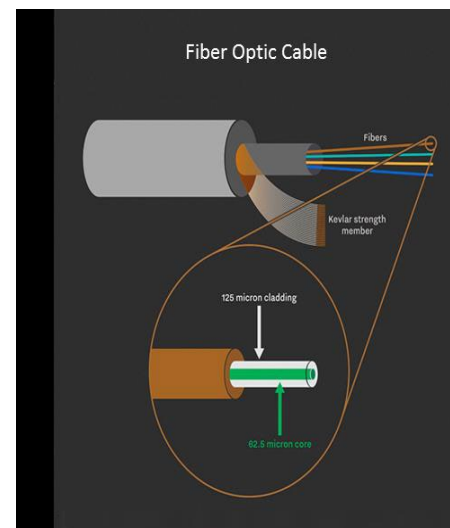
Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6909609		7/1/2022		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$337,613	\$0	\$0	\$0	\$0	\$337,613
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$337,613	\$0	\$0	\$0	\$0	\$337,613
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$266,714	\$0	\$0	\$0	\$0	\$266,714
Development Impact Fees	\$70,899	\$0	\$0	\$0	\$0	\$70,899
Total	\$337,613	\$0	\$0	\$0	\$0	\$337,613
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fiber Optic Installation - University, Broadway, Southern, McClintock and Warner

University, Broadway, Southern, McClintock, Warner

The project will install fiber in vacant conduit that was installed by previous projects. The installation of the fiber backbone on Rural Road now provides a framework for branching onto these adjacent roadways. Devices to be installed to complete the system include fiber, pull boxes, splice closures, patch panels, fiber optic jumper cables, and Ethernet switches. The purpose of this project is to provide the City with a reliable communications network to view, monitor, and actively manage traffic conditions. Fiber is more reliable than wireless technologies, has increased bandwidth and eliminates the need for telephone lease lines. The project will add fiber to one mile of University Drive (Rural Road to McClintock Drive), one mile of Broadway Road (Rural Road to Mill Avenue), half of a mile on Southern Avenue (Rural Road to College Avenue), half of a mile on McClintock Drive (University Drive to Apache Blvd) and one mile on Warner Road (Rural Road to McClintock Drive).



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	6909629		7/1/2022		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$484,000	\$0	\$0	\$0	\$0	\$484,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$484,000	\$0	\$0	\$0	\$0	\$484,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$397,879	\$0	\$0	\$0	\$0	\$397,879
Development Impact Fees	\$86,121	\$0	\$0	\$0	\$0	\$86,121
Total	\$484,000	\$0	\$0	\$0	\$0	\$484,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

ITS Network Infrastructure Upgrade

Citywide

Management of the City's transportation operations and signalization requires reliable communications with the capacity to transmit data to allow staff to actively manage traffic conditions. The goal of this project is to improve network performance with upgraded equipment and network architecture to support current and future ITS network bandwidth needs. Replace outdated and out-of-warranty backbone and edge switching equipment with new high bandwidth equipment for lower O&M costs, expanded capabilities, and improved reliability. Existing fiber splicing will be reexamined for improved operational performance, as well as the addition of mid-level switches and modification of network. Review and modify the existing fiber and wireless networks to improve data throughput, resiliency and redundancy to support the City's growing ITS infrastructure.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6911309		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Federal Grants	\$744,970	\$0	\$0	\$0	\$0	\$744,970
General Obligation Bonds	\$55,030	\$0	\$0	\$0	\$0	\$55,030
Total	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

ITS Traffic Signal CCTV Upgrades

Citywide

This project will upgrade 150 outdated CCTV cameras throughout the City with new, high resolution units to continue to provide staff with full situational awareness of traffic conditions throughout the City. These CCTV cameras are a major component of the City's Intelligent Transportation System (ITS) and allow staff to monitor the transportation network in real-time and make adjustments as needed to move traffic as safely and efficiently as possible, as referenced in the City's ITS Strategic Plan.



Primary City Council Priority and Performance Measure Addressed

Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.



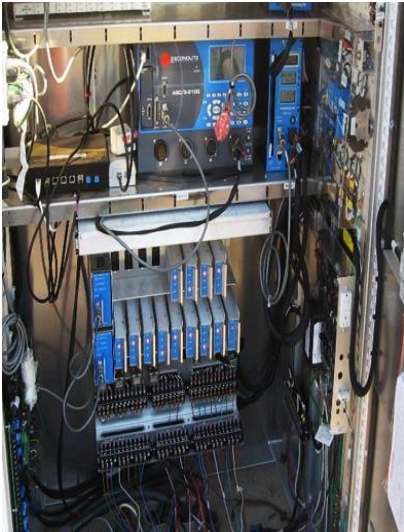
Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2022		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$500,000	\$250,000	\$0	\$0	\$750,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$550,000	\$250,000	\$0	\$0	\$800,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Highway User Revenue	\$0	\$50,000	\$0	\$0	\$0	\$50,000
General Obligation Bonds	\$0	\$500,000	\$250,000	\$0	\$0	\$750,000
Total	\$0	\$550,000	\$250,000	\$0	\$0	\$800,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

New Signals/Safety Upgrades

Citywide

This project provides for the installation of new traffic signals and associated equipment based on traffic engineering studies and warrants. It will also allow for replacement of existing equipment to meet safety features required by state and federal regulations. An intersection with modular traffic signal poles costs on average \$800,000 depending of the size of intersection, which takes into account two modular poles at each corner. ADA elements, including accessible push buttons and ramps are included in all signal projects.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6906209		7/1/2022		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,590,665	\$0	\$0	\$0	\$0	\$1,590,665
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,590,665	\$0	\$0	\$0	\$0	\$1,590,665
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$1,590,665	\$0	\$0	\$0	\$0	\$1,590,665
Total	\$1,590,665	\$0	\$0	\$0	\$0	\$1,590,665
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

New Traffic Signals - Developer Participation

Citywide

This project provides for the installation of new traffic signal warranted through the development process and allows for the reimbursement of the new signal construction costs from the developer. An intersection costs an average of \$800,000 depending on the size of intersection, which takes into account two poles at each corner and a cabinet with hardware.



Primary City Council Priority and Performance Measure Addressed

Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.



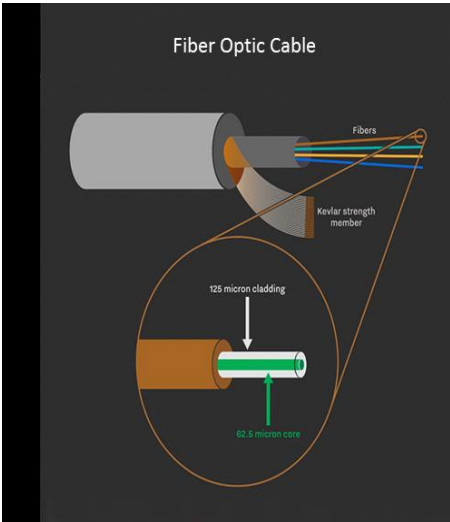
Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6909669		7/1/2022		6/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Developer Assistance/Contribution	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Total	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Priest Dr Fiber Optic Install

Priest Drive

This project will upgrade the communications infrastructure along the entire Priest Drive arterial corridor from wireless to fiber optics. Conduit, fiber optic cabling and network switches will be installed at every signalized intersection along the corridor to provide full connectivity back to the Transportation Management Center. This work is needed to improve the reliability and security of the communications network and provide higher bandwidth to support the growing data needs of the City's Transportation Management Systems and Operations infrastructure, enabling staff to efficiently monitor and manage the operation of this corridor.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

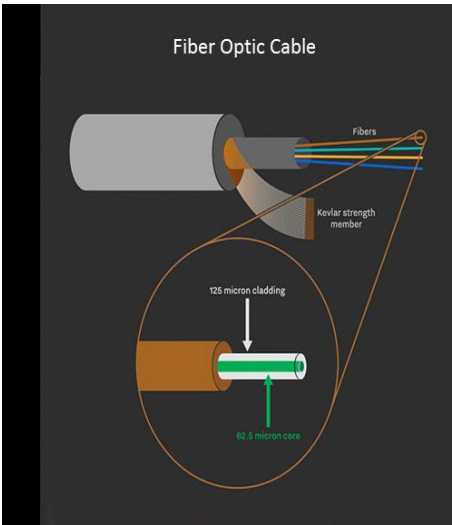
Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	N/A		7/1/2025		9/1/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$250,000	\$50,000	\$0	\$300,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$250,000	\$2,050,000	\$0	\$2,300,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Highway User Revenue Fund	\$0	\$0	\$250,000	\$50,000	\$0	\$300,000
Grant	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Total	\$0	\$0	\$250,000	\$2,050,000	\$0	\$2,300,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Southern Ave Fiber Project

Southern Ave

This project will upgrade the communications infrastructure along the entire Southern Avenue arterial corridor from wireless to fiber optics. Conduit, fiber optic cabling and network switches will be installed at every signalized intersection along the corridor to provide full connectivity back to the Transportation Management Center. This work is needed to improve the reliability and security of the communications network and provide higher bandwidth to support the growing data needs of the City's Transportation Systems Management and Operations infrastructure, enabling staff to better monitor and manage the operation of this corridor.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	N/A		7/1/2024		1/30/2026	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$250,000	\$50,000	\$0	\$300,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$250,000	\$2,050,000	\$0	\$2,300,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Highway User Revenue	\$0	\$0	\$250,000	\$50,000	\$0	\$300,000
Federal Grants	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Total	\$0	\$0	\$250,000	\$2,050,000	\$0	\$2,300,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

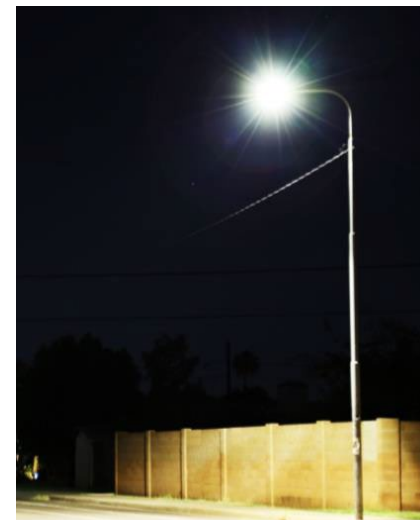
Capital Improvements Program

Streetlight LED Replacement Program

Citywide

Beginning in year 2021, 5,000 arterial roadway luminaires will be changed to energy efficient LED type luminaires. Approximately 1,000 luminaires will be replaced each year. All arterial LED Streetlights will be completed this fiscal year and as part of our arterial network LED conversion, a focus will be to convert all 1500 existing High Pressure Sodium to LED luminaires at all signalized intersections by 24/25. The signalized intersection luminaires are significantly more expensive than the arterials. In addition the remaining years funds would assist with finishing off the remaining 1250 residential streetlight luminaires that are Induction and have reached the end of their useful life.

The purpose and need for this project is to replace aging High Pressure Sodium (HPS) streetlight luminaires with energy efficient LED type luminaires. LED luminaires produce clean white light with improved color rendition that the human eye uses to see. For this reason, LED luminaires significantly improve night time visibility of our vulnerable roadway users including bicyclists and pedestrians. Research demonstrates that bicyclists and pedestrians are over-represented in night time crashes. LED luminaires also consume 50% less energy and have a reduced maintenance cost. Energy savings realized will be contingent upon continued negotiations with both APS and SRP.



Primary City Council Priority and Performance Measure Addressed

Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.



Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6908399		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$509,355	\$500,000	\$500,000	\$500,000	\$500,000	\$2,509,355
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$509,355	\$500,000	\$500,000	\$500,000	\$500,000	\$2,509,355
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$509,355	\$500,000	\$500,000	\$500,000	\$500,000	\$2,509,355
Total	\$509,355	\$500,000	\$500,000	\$500,000	\$500,000	\$2,509,355
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Streetlight Pole Structural Replacement

Citywide

This project will focus on addressing the 2022 survey which found 308 poles to be structurally deficient. These streetlight poles are on foundation and will need to be replaced due to wet, corrosive environments. Approximately 50 poles can be replaced per year and by the end of 2022/23 approximately 300 poles will have been replaced. After the 2022 survey replacements are complete a new survey will be completed to re-evaluate the direct bury and foundation poles not previously replaced. Out-year funds will continue to be requested to cover any poles found deficient in the new survey. The new survey was recently completed by Phoenix National Laboratory (PNL) and 280 were structurally deficient and need to be replaced.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6999849		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$757,177	\$704,951	\$705,951	\$204,951	\$204,951	\$2,577,981
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$757,177	\$704,951	\$705,951	\$204,951	\$204,951	\$2,577,981
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$757,177	\$704,951	\$705,951	\$204,951	\$204,951	\$2,577,981
Total	\$757,177	\$704,951	\$705,951	\$204,951	\$204,951	\$2,577,981
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Streetlight Upgrade New Installation

Citywide

This project allows staff to strategically prioritize improvements to the street light system including the installation of arterial dual-side street lights and residential street lights per citizen requests.

Tempe currently has some arterial roadways that lack dual-side lighting and this project would continue to add lighting in order to meet the minimum lighting standard. For FY2023-2024 dual-side lighting proposed projects include: North Side of Broadway Rd from UPRR tracks to Beck Ave.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6999869		7/1/2022		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$383,082	\$100,000	\$100,000	\$100,000	\$100,000	\$783,082
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$383,082	\$100,000	\$100,000	\$100,000	\$100,000	\$783,082
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$383,082	\$100,000	\$100,000	\$100,000	\$100,000	\$783,082
Total	\$383,082	\$100,000	\$100,000	\$100,000	\$100,000	\$783,082
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Traffic Management Center Upgrade

Tempe Transportation Center

The Tempe Transportation Center opened in August of 2008 and included the city's first Transportation Management Center. In order to continue to monitor the safety and operations of the transportation system, equipment upgrades are necessary before the existing equipment in the TMC has reached the end of its useful life. Project objectives include the replacement of outdated video wall displays and processors with modern systems for lower O&M costs and enhanced monitoring capabilities. This will integrate multiple real-time data sources for complete situational awareness of traffic conditions. It will also include the upgrade of communications infrastructure to support sharing of data with other Tempe departments while providing greater resiliency and disaster preparedness.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6910199		7/1/2022		6/30/2027	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$788,000	\$0	\$0	\$0	\$0	\$788,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,013,000	\$0	\$0	\$0	\$0	\$1,013,000
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$269,916	\$0	\$0	\$0	\$0	\$269,916
Federal Grants	\$743,084	\$0	\$0	\$0	\$0	\$743,084
Total	\$1,013,000	\$0	\$0	\$0	\$0	\$1,013,000
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Traffic Signal Green Signs

Citywide

This project will allow for the replacement of the traffic signal internally illuminated green signs which have exceeded their expected life. As part of the development of the Transportation and Traffic Engineering Division Asset Management Plan, staff has identified the green signs and downtown blue signs as an asset in the system for inclusion in the plan and development of a program for the systematic replacement of the signs. Current traffic signal internally illuminated signs have been in place for at least 15+ years and have exceeded their product life cycle. As part of a continuing transportation asset management program, this project will continue the process of replacing sign faces (eight per intersection) at a rate of 15 intersections per year with a total of 190 modular signalized intersections to complete.

This project will allow Tempe thru a contracted vendor to replace its aging green sign faces, which will increase visibility and improve safety for the motoring public. Currently 164 intersections out of the 190 have not been replaced. While the assets have a typical life of 15 years, ongoing funding is being requested to ensure the assets can be replaced should additional faces need to be replaced due to fading or vandalism.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6909229		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$197,934	\$99,522	\$99,522	\$99,522	\$150,522	\$647,022
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$197,934	\$99,522	\$99,522	\$99,522	\$150,522	\$647,022
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$197,934	\$99,522	\$99,522	\$99,522	\$150,522	\$647,022
Total	\$197,934	\$99,522	\$99,522	\$99,522	\$150,522	\$647,022
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Traffic Signal Infrastructure

Citywide

The City's transportation system includes 250 signalized intersections and associated infrastructure to support the safe movement of all modes of travel in Tempe. This project provides for the installation and repair of existing equipment related to the traffic signal system and as warranted by traffic engineering studies. The installation includes 50 new Green Myers meter pedestal equipment in the downtown area as a measure to safely de-energize the streetlighting and traffic signal power before traffic signal technicians proceed with their troubleshooting. 37 of the remaining 50 will need to be replaced this fiscal year. It also provides up to date Smart Malfunction Management Unit (SMMU) to 90 of the total number of signalized intersections. These MMUs will display the cabinet's status, monitor faulty signals, report malfunctions and provide accurate diagnoses. We have replaced 10 of the 90 this year. This project is necessary in order to keep the signal system functioning properly by supplementing our existing traffic signal construction program (two full time employees) with installing infrastructure which may include underground items such as conduit repair and replacements, new traffic signal underground j-boxes and new signal foundations.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6903383		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$617,015	\$525,000	\$525,000	\$525,000	\$525,000	\$2,717,015
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$617,015	\$525,000	\$525,000	\$525,000	\$525,000	\$2,717,015
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$617,015	\$525,000	\$525,000	\$525,000	\$525,000	\$2,717,015
Total	\$617,015	\$525,000	\$525,000	\$525,000	\$525,000	\$2,717,015
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Traffic Signal Pedestrian Access Improvements

Various

This project will install pedestrian pushbuttons at intersections in order to accommodate pedestrians such as the elderly and persons with disabilities. This project also provides funding for audible pedestrian signals for persons with disabilities who contact the city needing assistance crossing at signalized intersections.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6909679		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$52,413	\$50,000	\$50,000	\$50,000	\$50,000	\$252,413
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$52,413	\$50,000	\$50,000	\$50,000	\$50,000	\$252,413
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$52,413	\$50,000	\$50,000	\$50,000	\$50,000	\$252,413
Total	\$52,413	\$50,000	\$50,000	\$50,000	\$50,000	\$252,413
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Updated Signalized Intersection Detection

Citywide

The Transportation Division is responsible for delivering a balanced transportation system for all modes of travel. As development in the City has continued to grow, the level of congestion has also increased. This project will upgrade real-time intersection detection systems to: identify vehicular, bicycle, and pedestrian demand, and to allow staff to gather additional data to better time and coordinate the signalized intersections along arterial corridors. Once installed, these advanced detection systems will also begin to provide the data required for a future Adaptive Signal Control system that will help to reduce environmental impacts and manage traffic flow by automatically adjusting signal timings to accommodate real-time traffic patterns. The identified projects include installation at five arterial intersections per year. It will also include the purchase of software to run the adaptive signals. In the first three years, the city will focus on congested intersections in the urban core that can benefit from optimized signal timing and advanced artificial intelligence capabilities. This will be followed by 35 intersections in the following seven years, for a total of 50 intersections citywide. Operating budget impacts include an ongoing maintenance budget of \$5,000 per year beginning in year (FY22/23). This project also includes updating the City's ITS Strategic Plan to review the current system and future needs while incorporating the latest system technology.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	6910209		7/1/2022		6/30/2028	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$175,000	\$0	\$0	\$0	\$0	\$175,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$656,038	\$250,000	\$250,000	\$250,000	\$250,000	\$1,656,038
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$831,038	\$250,000	\$250,000	\$250,000	\$250,000	\$1,831,038
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$831,038	\$250,000	\$250,000	\$250,000	\$250,000	\$1,831,038
Total	\$831,038	\$250,000	\$250,000	\$250,000	\$250,000	\$1,831,038
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Warner Rd and Kyrene Canal Bike Ped Signal

Kyrene Canal Path and Warner Rd

The Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. As part of a continuing transportation safety program, Traffic Engineering staff studies locations within the City that could benefit from the implementation of traffic safety measures. Staff has received comments from pedestrians and bicyclists about this portion of the Kyrene Canal Path. As a first phase in improving the crossing, the City installed a median refuge area so that users could negotiate a two-stage crossing of Warner Rd if necessary. This project would complete the second phase of the improvements. A study performed at this location shows that the Kyrene Canal crossing on Warner Rd warrants a traffic signal. This project will construct a signalized crossing at the Kyrene Canal in order to provide a controlled crossing for pedestrians and bicyclists. The design of the project is ongoing and construction will occur in FY23/24.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6910479		7/1/2022		6/30/2024	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$529,820	\$0	\$0	\$0	\$0	\$529,820
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$529,820	\$0	\$0	\$0	\$0	\$529,820
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$529,820	\$0	\$0	\$0	\$0	\$529,820
Total	\$529,820	\$0	\$0	\$0	\$0	\$529,820
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

Western Canal & Guadalupe Rd Crossing Improvements

Western Canal Path and Guadalupe Rd

The City of Tempe's Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. As part of a continuing transportation safety program, Traffic Engineering staff proactively identifies potential locations within the City that could benefit from the implementation of traffic safety measures. Due to the popularity of the Western Canal Multi-use Path, staff continues to get comments from bicyclists and pedestrians requesting a signalized crossing at Guadalupe Road to improve safety. This project will design and construct a signalized crossing. It is anticipated that a significant amount of coordination will be required with Salt River Project. This project will include ADA Transition Plan identified repairs. The design of the project is ongoing and construction will occur in FY23/24.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	6910489		7/1/2022		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$670,179	\$0	\$0	\$0	\$0	\$670,179
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$670,179	\$0	\$0	\$0	\$0	\$670,179
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
General Obligation Bonds	\$670,179	\$0	\$0	\$0	\$0	\$670,179
Total	\$670,179	\$0	\$0	\$0	\$0	\$670,179
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Transportation and R.O.W. Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
2022 MAG Sweepers	5411061	Federal Grants/Other	-	281,921	281,921	-	-	-	-	281,921
5th Street Streetscape (Farmer to College Avenues)	5411041	General Obligation Bonds	196,880	4,243,000	4,439,880	-	-	-	-	4,439,880
	6011041	Transit Tax	-	387,000	387,000	-	-	-	-	387,000
		Highway User Revenue Fund	-	500,000	500,000	-	-	-	-	500,000
		Project Total	196,880	5,130,000	5,326,880	-	-	-	-	5,326,880
ADA Improvements	5408021	General Obligation Bonds	1,585,820	-	1,585,820	99,000	600,000	600,000	777,000	3,661,820
Architectural Monument Signs	5410661	Highway User Revenue Fund	100,000	-	100,000	-	-	-	-	100,000
Arterial Walls	5411071	General Obligation Bonds	-	500,000	500,000	-	-	-	-	500,000
Bridge Maintenance	5499891	General Obligation Bonds	242,955	470,000	712,955	21,000	470,000	21,000	470,000	1,694,955
Broadway Road Revitalization Corridor	5411081	General Obligation Bonds	-	200,000	200,000	441,000	-	-	-	641,000
City Facility Parking Lots	5407791	General Obligation Bonds	1,607,485	2,300,000	3,907,485	2,000,000	1,000,000	1,500,000	1,500,000	9,907,485
		ADOT	789,284	1,177,000	1,966,284	-	-	-	-	1,966,284
		Project Total	2,396,769	3,477,000	5,873,769	2,000,000	1,000,000	1,500,000	1,500,000	11,873,769
City Hall Complex Restrooms and Parking Reconfiguration	5410671	General Obligation Bonds	150,000	1,475,443	1,625,443	-	-	-	-	1,625,443
Clark Park and Mitchell Park Alley Stabilization	5410399	Federal Grants/Other	1,027,523	163,250	1,190,773	-	-	-	-	1,190,773
	3410409	Solid Waste Fund	135,477	-	135,477	-	-	-	-	135,477
		Project Total	1,163,000	163,250	1,326,250	-	-	-	-	1,326,250
Fire Medical Rescue Facilities Pavement Replacement	5410439	General Obligation Bonds	776,210	1,500,000	2,276,210	-	-	-	-	2,276,210
Future Fiber Network Expansion	5409680	General Obligation Bonds	1,235,678	300,000	1,535,678	300,000	300,000	300,000	400,000	2,835,678
<u>High School Speed Zone Safety Improvements</u>	5409991	Highway User Revenue Fund	98,750	-	98,750	-	-	-	-	98,750
Hudson Manor/University Heights Neighborhood Alley Stabilization	5410391	Federal Grants/Other	863,340	-	863,340	-	-	-	-	863,340
	3410429	Solid Waste Fund	106,265	-	106,265	-	-	-	-	106,265
		Project Total	969,605	-	969,605	-	-	-	-	969,605
Infrastructure Improvements Smith Innovation Hub	5410441	General Obligation Bonds	2,071,596	3,500,000	5,571,596	500,000	-	-	-	6,071,596

Transportation and R.O.W. Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Loop 202 & McClintock Dr T1 Feasibility Study	5410219	Highway User Revenue Fund	150,000	-	150,000	-	-	50,000	-	200,000
Loop 202 & Scottsdale Road On-Ramp Expansion	5411091	General Obligation Bonds	-	130,000	130,000	780,000	-	-	-	910,000
Maple Ash, Wilson Art and Garden, and Mitchell Park Neighborhood Association Traffic Calming	5410459	General Obligation Bonds	468,203	-	468,203	-	-	-	-	468,203
Minor Concrete Improvements	5401417	General Obligation Bonds	160,653	265,000	425,653	273,000	281,000	290,000	322,000	1,591,653
Minor Pavement Preservation	5409661	General Obligation Bonds	2,894,132	2,380,000	5,274,132	2,692,500	2,800,000	3,000,000	3,500,000	17,266,632
Neighborhood Traffic Calming	5408051	Highway User Revenue Fund	260,618	425,000	685,618	300,000	300,000	300,000	300,000	1,885,618
Pedestrian and Bicycle Grade Separation - University and College	5411101	TA Grant	-	1,462,950	1,462,950	-	4,506,798	-	-	5,969,748
		Development Impact Fees	-	-	-	-	-	-	-	-
		ASU Participation	-	-	-	-	2,266,126	-	-	2,266,126
		General Obligation Bonds	-	353,050	353,050	-	1,913,076	-	-	2,266,126
		Project Total	-	1,816,000	1,816,000	-	8,686,000	-	-	10,502,000
Quiet Zone and Alameda Intersection Improvements	5410169	Highway User Revenue Fund	192,914	150,000	342,914	-	-	-	-	342,914
Right of Way (ROW) Landscape Replacement	5406149	Highway User Revenue Fund	995,102	1,000,000	1,995,102	1,000,000	1,000,000	1,000,000	1,000,000	5,995,102
Roadway Mill & Overlay & Reconstructions (formerly Arterial Resurfacing)	5499741	General Obligation Bonds	10,398,362	7,100,000	17,498,362	7,100,000	7,100,000	8,600,000	9,350,000	49,648,362
		Highway User Revenue Fund	-	3,450,000	3,450,000	3,450,000	3,450,000	2,900,000	-	13,250,000
		Capital Project Fund Balance	1,000,000	-	1,000,000	-	-	-	-	1,000,000
		Project Total	11,398,362	10,550,000	21,948,362	10,550,000	10,550,000	11,500,000	9,350,000	63,898,362
Roundabout at College and McKellips	5411121	General Obligation Bonds	-	210,000	210,000	1,045,194	-	-	-	1,255,194
		Development Impact Fees	-	-	-	229,806	-	-	-	229,806
		Project Total	-	210,000	210,000	1,275,000	-	-	-	1,485,000

Transportation and R.O.W. Program FY 2023/24 - FY2027/28 CIP Project Listing

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
Rural Rd & Baseline Rd Intersection Improvements	5410681	General Obligation Bonds	247,500	50,000	297,500	1,698,437	-	-	-	1,995,937
		Development Impact Fees			-	326,563	-	-	-	326,563
		Project Total	247,500	50,000	297,500	2,025,000	-	-	-	2,322,500
<u>Smith Rd at Rio Salado Pkwy and University Dr Redesign</u>	5411111	General Obligation Bonds	-	250,000	250,000	-	-	-	-	250,000
		Capital Project Fund Balance	-	-	-	1,800,000				1,800,000
		Project Total	-	250,000	250,000	1,800,000	-	-	-	2,050,000
Street Grant Contingency	5409854	Federal Grants/Other	-	1,000,000	1,000,000	-	-	-	-	1,000,000
Vision Zero Infrastructure Improvements	5410189	General Obligation Bonds	506,532	325,000	831,532	200,000	325,000	200,000	325,000	1,881,532
Warner I-10 Drainage Channel Access Ramp	5410691	Highway User Revenue Fund	150,000	-	150,000	-	-	-	-	150,000
Transportation and R.O.W. Program Total			28,411,279	35,548,614	63,959,893	24,256,500	26,312,000	18,761,000	17,944,000	151,233,393

Capital Improvements Program

2022 MAG Sweeper Grant

Citywide

On March 28, 2022, the Maricopa Association of Governments (MAG) received notification from the Arizona Department of Transportation (ADOT) that the transposition of federal Congestion Mitigation and Air Quality Improvement (CMAQ) funds for MAG Highway User Revenue Funds has been completed for the Prioritized List of Proposed PM-10 Certified Street Sweepers for FY 2022. On December 1, 2022, the MAG Regional Council approved the Prioritized List of Proposed PM-10 Certified Street Sweepers for FY 2023 CMAQ Funding. Two PM-10 certified street sweeper projects requested by the City of Tempe have been approved for FY 2023 funding for an amount not to exceed \$281,921 for each sweeper. MAG is requesting that the street sweepers be purchased and reimbursement request be sent to MAG by March 30, 2023.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

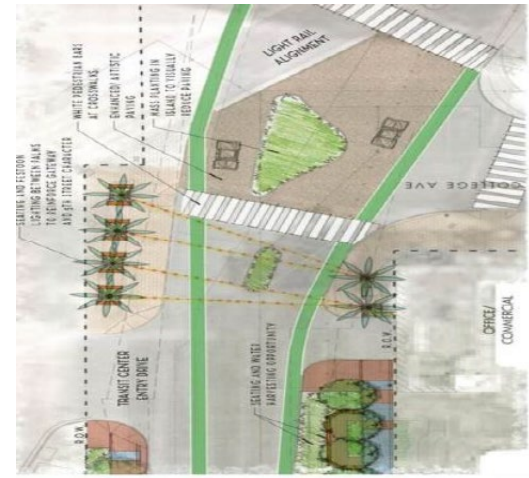
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5411061		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$281,921	\$0	\$0	\$0	\$0	\$281,921
Total	\$281,921	\$0	\$0	\$0	\$0	\$281,921
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Federal Grants	\$281,921	\$0	\$0	\$0	\$0	\$281,921
Total	\$281,921	\$0	\$0	\$0	\$0	\$281,921
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

5th Street Streetscape - Farmer to College Ave

5th Street Streetscape - Farmer to College Ave

The 5th Street Streetscape is a redesign and reconstruction of a Tempe collector street that links established neighborhoods to Arizona State University, downtown Tempe and the City Hall Complex. The project is intended to create a street with greater multi-modal access for all users with expanded landscaping and shade, enhanced bicycle, transit and pedestrian facilities and ADA upgrades as identified in the Transition Plan. The project will include gateway treatments, shade enhancements, additional crosswalks, on-street parking, and medians. The project will also explore integration of low impact development and sustainable practices like water harvesting and greater tree canopy coverage. This project is a joint funding effort with the Downtown Tempe Authority. Project construction funding is anticipated to come from a variety of sources including HURF, Transit Tax and GO Bonds. The project will be coordinated with pavement resurfacing and the City ADA Transition Plan.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.14 Achieve accessibility in all city rights-of-way, parks, and facilities as identified in the Tempe ADA Transition Plan.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5411041		1/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$128,614	\$0	\$0	\$0	\$0	\$128,614
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$196,880	\$0	\$0	\$0	\$0	\$196,880
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$419,550	\$0	\$0	\$0	\$0	\$419,550
Construction / Installation / Improvement	\$3,931,439	\$0	\$0	\$0	\$0	\$3,931,439
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$350,397	\$0	\$0	\$0	\$0	\$350,397
ADA Accessibility	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Archeological Monitoring/Reporting	\$100,000	\$0	\$0	\$0	\$0	\$100,000
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,326,880	\$0	\$0	\$0	\$0	\$5,326,880
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Highway User Revenue	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Transit Tax	\$387,000	\$0	\$0	\$0	\$0	\$387,000
General Obligation Bonds	\$4,439,880	\$0	\$0	\$0	\$0	\$4,439,880
Total	\$5,326,880	\$0	\$0	\$0	\$0	\$5,326,880
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
None						

Capital Improvements Program

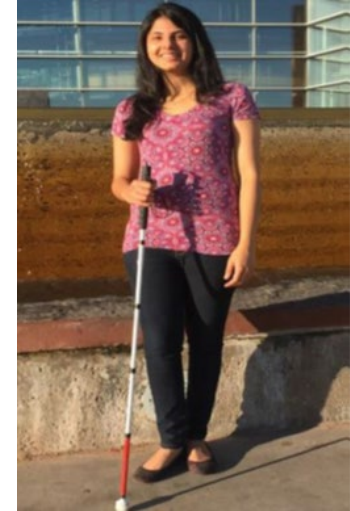
ADA Improvements

Citywide

This project involves updating infrastructure not constructed to current ADA specifications and improving overall accessibility using the 2016, 2017 and 2018 ADA Accessibility survey to identify and prioritize needed improvements and to establish a long term plan for making the city more accessible.

The first phase of the ADA survey covered the downtown area. The survey identified needed corrections valued at \$10.2 million. A majority of the corrections (\$8.7 million) involve sidewalks that cross commercial driveways. Phase II of the survey which covered areas north of Guadalupe Road identified approximately \$35 million in corrections involving sidewalks, cur ramps and pedestrian signals. Additional discussion will be started in order to determine policy direction for making these corrections and then future funding can be programmed.

The remaining corrections that do not involve commercial property were phased into fiscal years 2017-18 through 2019-20 based on the prioritization in the ADA survey report. An additional amount is included each year to address ADA requests that come in throughout the year.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.14 Achieve accessibility in all city rights-of-way, parks, and facilities as identified in the Tempe ADA Transition Plan.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5408021		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,585,820	\$99,000	\$600,000	\$600,000	\$777,000	\$3,661,820
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,585,820	\$99,000	\$600,000	\$600,000	\$777,000	\$3,661,820
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$1,585,820	\$99,000	\$600,000	\$600,000	\$777,000	\$3,661,820
Total	\$1,585,820	\$99,000	\$600,000	\$600,000	\$777,000	\$3,661,820
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Architectural Monument Signs

Various

This request is for funding to construct visually impactful, large scale monument signs/branded structures located within the city's interior and/or at gateway points. The funds will be used for determining locations, cost of materials, the design process and maintenance.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.23 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Landscape maintenance along streets/sidewalks" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5410661		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Arterial Walls

Citywide

This project will include an assessment of arterial right-of-way walls that have fallen into disrepair including establishing prioritization criteria and a program for replacement. Once the assessment is complete and based on the prioritization list, replacement of the walls would begin thereafter.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5411071		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Bridge Maintenance

Various

Under federal law the National Bridge Inspection Program mandates the inspection of all bridges in the country at least once every two years. ADOT has been administering these inspections for the City of Tempe's bridges for many years and subsequently submitting a report to the City defining required repairs and maintenance. Currently ADOT inspects 32 bridges for the City, all of which are at least twenty years old. Repairs are prioritized based upon the sufficiency rating produced by ADOT which varies for each inspection year. Funding in FY23 and future years is for completing the required repairs in alternating years as identified by ADOT from the inspection. In addition, there are ongoing yearly costs for monitoring and testing of the retaining walls of the Center Parkway Bridge. We anticipate these costs to decrease in the upcoming out years. This CIP will also fund the inspection and asset management for the City's pedestrian bridges including the bridge over Tempe Town Lake. ADA elements are incorporated into the projects where applicable.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5499891		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$4,000	\$0	\$4,000	\$0	\$4,000	\$12,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$12,000	\$1,000	\$12,000	\$1,000	\$12,000	\$38,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$47,000	\$20,000	\$47,000	\$20,000	\$47,000	\$181,000
Survey / Staking	\$3,000	\$0	\$3,000	\$0	\$3,000	\$9,000
Inspection & Construction Management	\$22,000	\$0	\$22,000	\$0	\$22,000	\$66,000
Geotech / Material Testing	\$3,000	\$0	\$3,000	\$0	\$3,000	\$9,000
Contingency	\$32,000	\$0	\$32,000	\$0	\$32,000	\$96,000
Construction / Installation / Improvement	\$557,955	\$0	\$315,000	\$0	\$315,000	\$1,187,955
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$32,000	\$0	\$32,000	\$0	\$32,000	\$96,000
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$712,955	\$21,000	\$470,000	\$21,000	\$470,000	\$1,694,955
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$712,955	\$21,000	\$470,000	\$21,000	\$470,000	\$1,694,955
Total	\$712,955	\$21,000	\$470,000	\$21,000	\$470,000	\$1,694,955
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Broadway Road Revitalization Corridor

Broadway Rd, 55th St to Mill Ave

Currently the corridor has areas where no sidewalks exist as well as areas that do not meet the 8-ft standard. The Broadway Road working group discussed installing sidewalks to bring the corridor up to current standards as well as enhancing the intersections by installing a surface treatment or stamping and painting. This CIP identifies money to be spent on upgrades to the corridor. Specific improvements will be identified by the working group or be brought forward to a council committee at the time when funding is in place.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.14 Achieve accessibility in all city rights-of-way, parks, and facilities as identified in the Tempe ADA Transition Plan.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	5411081		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$441,000	\$0	\$0	\$0	\$441,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$200,000	\$441,000	\$0	\$0	\$0	\$641,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$200,000	\$441,000	\$0	\$0	\$0	\$641,000
Total	\$200,000	\$441,000	\$0	\$0	\$0	\$641,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Facility Parking Lots

Citywide

This project provides for the sealing, resurfacing and reconstruction of the city's 74 parking lots in order to maintain the lots at a safe and acceptable level. Staff worked with a consultant to analyze the condition of the assets. Like the PQI levels identified for the street pavement network, the condition rating will be used to prioritize the rehabilitation of the parking lots. ADA elements are included in this project when applicable.

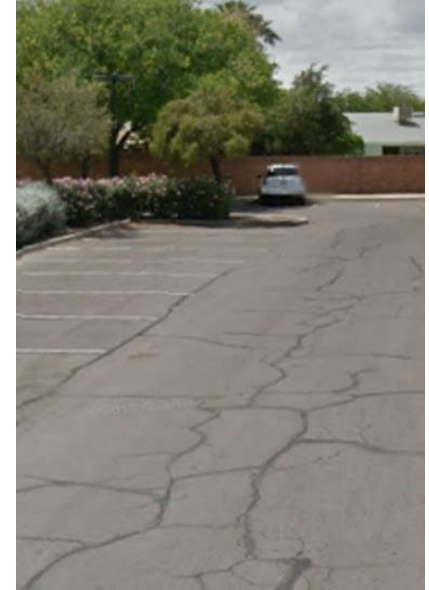
2023/24: Diablo Stadium (ADOT funded), Tempe Public Library, Ken McDonald Golf Course, Kiwanis Park, Tempe Sports Complex, Westside Multigenerational Center, Escalante Park and Indian Bend Wash.

2024/25: Hangar Park, Peterson Park, Tempe Town Lake Parking Lots (5), Benedict Sports Complex, Daley Park

2025/26: Kiwanis Park (All American Way Lot)

2026/27: Tempe Center for Arts, Kiwanis Park, Gaicki Park, Kyrene Reclamation Facility, Papago Park, Ken McDonald Maintenance Yard

2027/28: JGM Water Treatment Plant, North Tempe Multigenerational Center, Diablo Stadium, South Water Treatment Plant, 4th St Parking Lot



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5407791		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$5,873,769	\$2,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$11,873,769
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,873,769	\$2,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$11,873,769
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$3,907,485	\$2,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$9,907,485
ADOT	\$1,966,284	\$0	\$0	\$0	\$0	\$1,966,284
Total	\$5,873,769	\$2,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$11,873,769
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

City Hall Complex Restrooms and Parking Reconfiguration

City Hall

This project emerged during the design phase of the Fifth Street Streetscape project, as efforts to identify suitable downtown locations for public use restrooms coincided with programmed improvements to the streetscape and right of way. The project includes two, freestanding public use restroom facilities installed in a reconfiguration of the City Hall parking lot, which is intended to provide improved flow to the City Hall Complex and 6th Street Park. The project will also review sustainability elements that might be implemented with the construction of the restrooms.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5410670		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,475,443	\$0	\$0	\$0	\$0	\$1,475,443
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,625,443	\$0	\$0	\$0	\$0	\$1,625,443
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$1,625,443	\$0	\$0	\$0	\$0	\$1,625,443
Total	\$1,625,443	\$0	\$0	\$0	\$0	\$1,625,443
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Supplies and Services	\$0	\$140,000	\$140,000	\$140,000	\$140,000	\$560,000
Total	\$0	\$140,000	\$140,000	\$140,000	\$140,000	\$560,000

Capital Improvements Program

Clark Park and Mitchell Park Alley Stabilization

Various

This project will improve the deteriorating alley surface and provide dust control and mitigation, as required by Maricopa County, for alleyways located in the Clark Park and Mitchell Park neighborhoods. This project includes all alleys located in the area bounded by University Drive to the north, Broadway Road to the south, Roosevelt Street to the east and Hardy Drive to the west. The project will remove six inches of the alley surface and replace it with double-rolled reclaimed asphalt pavement (RAP). RAP will be applied to 18 feet of the 20-foot wide alleyway, eliminating potential conflict with utilities generally located within the one foot outer edge of alleys. The project will improve air quality and mitigate detrimental public health effects from excessive dust production during the summer months and on windy days. The project will advance implementation of federally-approved measures, submitted by the region, to comply with mandated particulate matter (PM10) levels. This project was eliminated from the HURF Capital Program in April 2020 due to cash funding constraints.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.01 Achieve 85% on the Code Compliance Composite Score while ensuring equity across all demographic categories.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5410399		Ongoing		12/31/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,326,250	\$0	\$0	\$0	\$0	\$1,326,250
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,326,250	\$0	\$0	\$0	\$0	\$1,326,250
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Solid Waste Fund	\$135,477	\$0	\$0	\$0	\$0	\$135,477
Federal Grants	\$1,190,773	\$0	\$0	\$0	\$0	\$1,190,773
Total	\$1,326,250	\$0	\$0	\$0	\$0	\$1,326,250
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Fire Medical Rescue Facilities Pavement Replacement

City Fire Facilities

The primary purpose of this project is to replace the pavement for the driveway areas (entrances/exits) for apparatus at TFMR facilities. This will improve the long-term life of fire station driveways by replacing the current asphalt surfaces with a resilient and durable surface that is deemed appropriate for the weight and size of our emergency apparatus. The project includes funding for Station 1, Station 4, Station 5, and the drivers training track at the FMR Training Center.

2023/24: FMR Station #1 and FMR Station #5

2024/25: FMR Station #4 and FMR Training Center



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.01 Achieve total response times to advanced life support (ALS) incidents of 6 minutes or less in 90% of calls for service.

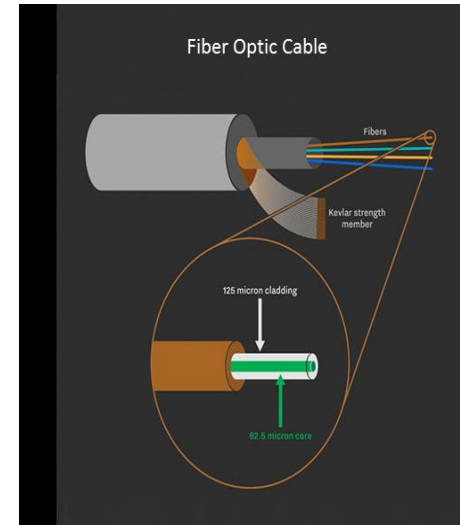
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5410439		7/1/2021		6/30/2025	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$2,276,210	\$0	\$0	\$0	\$0	\$2,276,210
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,276,210	\$0	\$0	\$0	\$0	\$2,276,210
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$2,276,210	\$0	\$0	\$0	\$0	\$2,276,210
Total	\$2,276,210	\$0	\$0	\$0	\$0	\$2,276,210
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Future Fiber Network Expansion

Citywide

This project will provide funding for the expansion of the City's fiber network in conjunction with other City CIP projects underway. By creating a funding source for joint projects, efficiency and cost savings will be realized by allowing infrastructure projects within the right of way to include the installation of conduit while the street is dug up. Fiber installation will follow with little disruption to the street. Projects in this five-year period will include conduit and/or fiber installations along McClintock (University to Apache and Warner to Well #16), Apache (McClintock to Dorsey), Warner (McClintock to Rural), Broadway Rd. (Rural Rd. to Mill Ave.), S. College (Apache to Broadway), Curry Rd. (Miller Rd. to McClintock), Priest (13th St. to University), University (Priest to Farmer and Rural to McClintock), Broadway Rd (Rural to McClintock). In addition, conduit and fiber will be installed along the new bridge and reconstructed Broadway Rd that is part of the I-10/Broadway Curve project. This work will require payment to ADOT.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	5409680		7/1/2022		6/30/2028	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$1,535,678	\$300,000	\$300,000	\$300,000	\$400,000	\$2,835,678
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,535,678	\$300,000	\$300,000	\$300,000	\$400,000	\$2,835,678
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$1,535,678	\$300,000	\$300,000	\$300,000	\$400,000	\$2,835,678
Total	\$1,535,678	\$300,000	\$300,000	\$300,000	\$400,000	\$2,835,678
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

High School Speed Zone Safety Improvements

Various

This project funded the purchase of flashing speed limit signs adjacent to Tempe high schools. As directed by the City Council at the June 4, 2020 Issue Review Session, high school speed limits zones will include flashing speed limit signs used to identify times of day when high school zones are 35 mph. At all other times, the non-illuminated, posted speed limit signs shall be followed. Additional signs may be added if necessary to improve compliance.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5409991		Ongoing		6/30/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$98,750	\$0	\$0	\$0	\$0	\$98,750
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$98,750	\$0	\$0	\$0	\$0	\$98,750
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Highway User Revenue	\$98,750	\$0	\$0	\$0	\$0	\$98,750
Total	\$98,750	\$0	\$0	\$0	\$0	\$98,750
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Hudson Manor / University Heights Neighborhood Alley Stabilization

Various

This project will improve the deteriorating alley surface and provide dust control and mitigation, as required by the Maricopa County, for alleyways located in the Hudson Manor and University Heights neighborhoods. This project includes all alleys located in the area bounded by 8th Street to the north, Union Pacific Rail Line to the south, McClintock Drive to the east and Dorsey Lane/Cedar Street to the west. The project will remove six inches of the alley surface and replace it with double-rolled reclaimed asphalt pavement (RAP). RAP will be applied to 18 feet of the 20-foot wide alleyway, eliminating potential conflict with utilities generally located at the one foot outer edge of alleys. The project will improve air quality and mitigate detrimental public health effects from excessive dust production during summer months and on windy days. The project will advance implementation of federally-approved measures, submitted by the region, to comply with mandated particulate matter (PM10) levels. This project was eliminated from the HURF Capital Program in April 2020 due to cash funding constraints.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.01 Achieve 85% on the Code Compliance Composite Score while ensuring equity across all demographic categories.

Project Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5410391		On-going		12/31/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$969,605	\$0	\$0	\$0	\$0	\$969,605
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$969,605	\$0	\$0	\$0	\$0	\$969,605
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Solid Waste Fund	\$106,265	\$0	\$0	\$0	\$0	\$106,265
Federal Grants	\$707,485	\$0	\$0	\$0	\$0	\$707,485
General Obligation Bonds	\$155,855	\$0	\$0	\$0	\$0	\$155,855
Total	\$969,605	\$0	\$0	\$0	\$0	\$969,605
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Infrastructure Improvements - Smith Innovation Hub

Smith Innovation Hub

The City recently completed a master plan for infrastructure improvements in the Smith Innovation Hub area. The area is bounded by University Dr on the south, Rio Salado Pkwy on the north, McClintock Dr on the west and Price Rd on the east. Infrastructure that was evaluated included sidewalks, crosswalks, signage, markings, lighting, bike facilities, city utilities, and transit stops. The project will now begin the outreach, design, and construction of specific improvements along Perry Lane, Smith Road, and Fifth Street identified in the master plan. For continuity and access to light rail, this project also includes the portion of Smith Road immediately south of the Smith Innovation Hub, between University Drive and Apache Boulevard.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5410441		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$5,271,596	\$500,000	\$0	\$0	\$0	\$5,771,596
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$100,000	\$0	\$0	\$0	\$0	\$100,000
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,571,596	\$500,000	\$0	\$0	\$0	\$6,071,596
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$5,571,596	\$500,000	\$0	\$0	\$0	\$6,071,596
Total	\$5,571,596	\$500,000	\$0	\$0	\$0	\$6,071,596
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Loop 202 & McClintock Dr TI Feasibility Study

Loop 202 & McClintock Dr TI

The Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. Arizona State University (ASU) is undertaking significant urban development on the Tempe campus and within the Novus Innovation Corridor. In order to proactively plan for the necessary traffic related infrastructure for Novus and other private development projects in and around Tempe, the City and ASU recently collaborated to complete the Small Area Transportation Study. One of the outcomes of that study was a recommendation to improve area access and reduce congestion by converting the Loop 202 traffic interchange (TI) at McClintock Dr from a half TI to a full TI. This would reduce congestion in Tempe by providing access to/from the east on Loop 202 at McClintock Dr and relieving some of the traffic demands on Rural Road. This initial project is studying the feasibility of improving the Loop 202/McClintock Drive TI and identify possible alternatives. This study involves coordination with the Arizona Department of Transportation, the Salt River Pima-Maricopa Indian Community, and the City of Mesa. If the study shows that the interchange can be modified to have access to/from the east, then it is anticipated that design and construction of the improvement would be a strong candidate for funding through future regional transportation funds and federal grants.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	5410219		7/1/2022		6/30/2027	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$150,000	\$0	\$0	\$50,000	\$0	\$200,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$0	\$0	\$0	\$0	\$0
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$150,000	\$0	\$0	\$50,000	\$0	\$200,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$150,000	\$0	\$0	\$50,000	\$0	\$200,000
Total	\$150,000	\$0	\$0	\$50,000	\$0	\$200,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Loop 202 & Scottsdale Rd On Ramp Extension

Loop 202 & Scottsdale Rd

The Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. Arizona State University (ASU) is undertaking significant urban development on the Tempe campus and within the Novus Innovation Corridor. In order to proactively plan for the necessary traffic related infrastructure for Novus and other private development projects in and around downtown Tempe, the City and ASU having been collaborating on projects to help address congestion. Staff has held meetings with ASU to review the benefits that might be gained with the installation of an additional lane for turns from Scottsdale Rd northbound to the SR202 eastbound. The ramp currently only has a single lane which results in backup on Scottsdale Rd across the town lake during the evening peak hours. Discussions took place with ADOT since the work would be in their right-of-way and no major concerns were identified. Staff will be working to finalize the traffic analysis and ADOT will be conducting a utility locate to confirm that the improvements would not involve major utility relocation. Once these steps are complete, the project would be designed and necessary permits would be obtained from ADOT for construction in Fiscal Year 24/25.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.27 Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Systems Expansions	5411091		7/1/2024		6/30/2026	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Geotech / Material Testing	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$10,000	\$10,000	\$0	\$0	\$0	\$20,000
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$130,000	\$780,000	\$0	\$0	\$0	\$910,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$130,000	\$780,000	\$0	\$0	\$0	\$910,000
Total	\$130,000	\$780,000	\$0	\$0	\$0	\$910,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Maple Ash, Wilson Art and Garden, and Mitchell Park Neighborhood Association Traffic Calming

Various

The neighborhoods of Maple Ash, Wilson Art and Garden and Mitchell Park received a grant to create a plan to address the collective neighborhood traffic concerns of the three neighborhoods related to cut through traffic, crashes, bicycle and pedestrian safety, and speeding. The proposed plan included improved lighting, pavement markings, a raised crosswalk, chicanes, and closures/diverters. While the neighborhood as a whole did not support implementation of the overall plan, funding is being rolled over to install individual elements should the residents receive support following the neighborhood traffic calming guidelines.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Customer Enhancements	5410459		7/1/2023		6/30/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$468,203	\$0	\$0	\$0	\$0	\$468,203
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$468,203	\$0	\$0	\$0	\$0	\$468,203
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$468,203	\$0	\$0	\$0	\$0	\$468,203
Total	\$468,203	\$0	\$0	\$0	\$0	\$468,203
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Minor Concrete Improvements

Citywide

This project supplements the City's Concrete Program and the strategy of utilizing city staff (two employees) to handle smaller less complex jobs. This project will provide for peak demands and emergency replacement of broken curbs, gutters, and sidewalks throughout the City. Other uses of the project include the construction of curbs, gutters, sidewalks and ADA accessible ramps to improve the continuity of the infrastructure and to improve accessibility and mobility for pedestrians in various areas. This project is also used in emergency call out situations as needed. Funds for the project will allow for approximately 18,000 square feet of minor concrete repair per year.

This CIP provides a cost-effective way of quickly repairing concrete damages of the estimated 5.0 million lineal feet of curb, gutter and sidewalk. Funding this project is crucial to the residents by providing safe and easily traversable pedestrian and wheelchair access throughout the city.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.14 Achieve accessibility in all city rights-of-way, parks, and facilities as identified in the Tempe ADA Transition Plan.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5401417		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$425,653	\$273,000	\$281,000	\$290,000	\$322,000	\$1,591,653
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$425,653	\$273,000	\$281,000	\$290,000	\$322,000	\$1,591,653
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$425,653	\$273,000	\$281,000	\$290,000	\$322,000	\$1,591,653
Total	\$425,653	\$273,000	\$281,000	\$290,000	\$322,000	\$1,591,653
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Minor Pavement Preservation

Citywide

This project provides for the proactive preservation of pavement assets to prevent the need for major rehabilitation or reconstruction in future years. The pavement life is extended maximizing the value of each dollar spent. Another important benefit of the pavement preservation approach is to preserve good roads which will require substantially less in future funding. Minor Pavement Preservation enables the preservation of four to 10 times more streets than if staff focused on fixing the roads in disrepair first. Improvements are necessary to ensure accessibility and safety for residents and businesses on Tempe's streets and to accommodate all modes of traffic including pedestrians, bicyclists, and vehicular traffic. Depending on the condition of the pavement structure, different pavement preservation treatments are available which can be used to extend the life of the pavement network. These include (in order of cost): crack seal, seal coat, slurry seal, microsurfacing, chip seals and thin mill & overlays. This project is an important component of our strategic plan to maintain/preserve the 1241 lanes miles (447 Arterial Lane Miles, 107 Collector Lane Miles, 72 Industrial Lane Miles, and 615 Local Lane Miles) of asphalt roadways in good condition.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities

1.22 Achieve adopted standards for Pavement Quality Index equal to a citywide average rating of 70 or higher., 1.22 Achieve adopted standards for Pavement Quality Index equal to a citywide average rating of 70 or higher across all demographic categories.

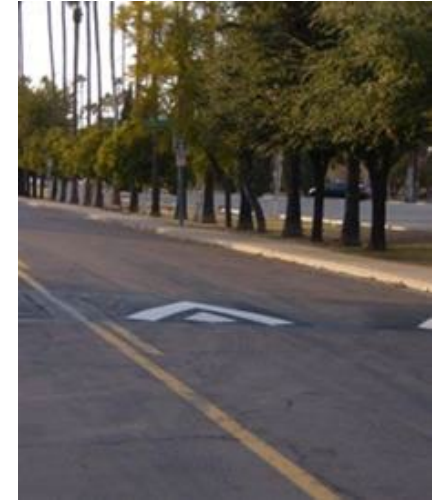
Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5409661		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$5,274,132	\$2,692,500	\$2,800,000	\$3,000,000	\$3,500,000	\$17,266,632
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,274,132	\$2,692,500	\$2,800,000	\$3,000,000	\$3,500,000	\$17,266,632
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$5,274,132	\$2,692,500	\$2,800,000	\$3,000,000	\$3,500,000	\$17,266,632
Total	\$5,274,132	\$2,692,500	\$2,800,000	\$3,000,000	\$3,500,000	\$17,266,632
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Neighborhood Traffic Calming

Citywide

This project will provide the Transportation Division with resources to strengthen its ability to address neighborhood traffic concerns with the installation of traffic calming devices. Staff continues to receive requests from residents to install speed cushions to help in addressing neighborhood quality of life issues impacted by speeding and cut-through. The cost of speed cushions project depends on the total number to be installed, but average about \$12,000 apiece (including signing and marking). The number of speed humps/cushions varies by the length of the street, with most projects including three or four cushions. Staff has an ongoing list of residents interested in having speed cushions installed. Staff has been reaching out to the residents to determine if they are still interested and the list has been narrowed down to 30 locations. Residents are also submitting requests for devices other than speed cushions. In addition, the City continues to receive multiple resident requests for a comprehensive neighborhood traffic calming. The design funding in FY 23-24 is for a neighborhood that has submitted a formal request for study and mitigation per the Neighborhood Traffic Mitigation Manual.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5408051		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	\$400,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$585,618	\$225,000	\$225,000	\$225,000	\$225,000	\$1,485,618
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$685,618	\$300,000	\$300,000	\$300,000	\$300,000	\$1,885,618
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Highway User Revenue	\$685,618	\$300,000	\$300,000	\$300,000	\$300,000	\$1,885,618
Total	\$685,618	\$300,000	\$300,000	\$300,000	\$300,000	\$1,885,618
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Pedestrian and Bicycle Grade Separation - University and College

University Dr and College Ave

The city in partnership with ASU, engaged a consultant to review conflict areas for pedestrians in the downtown core area with the goal of studying the feasibility of constructing pedestrian and bike grade separation facilities. This project looked at three crossing locations around the Arizona State University, Tempe campus. The study locations included the intersections of College/University, Rural/6th Street, and Rural/Terrace. Following the analysis, Tempe and ASU discussed moving forward with the University Dr and College Ave location given the number of pedestrians and bicyclists in the area and the benefits that would be gained from the grade separation. As part of the analysis, budgetary estimates were identified for each of the locations. This project would jointly fund the design and construction of the grade separation project. Staff also plans to apply for federal funds next fiscal year for appropriation in FY25/26 that would help reduce the local costs.



Primary City Council Priority and Performance Measure Addressed

Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.



Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5411101		7/1/2023		6/30/2027	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$9,000	\$0	\$74,000	\$0	\$0	\$83,000
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$27,000	\$0	\$214,000	\$0	\$0	\$241,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$930,000	\$0	\$0	\$0	\$0	\$930,000
Survey / Staking	\$0	\$0	\$62,000	\$0	\$0	\$62,000
Inspection & Construction Management	\$0	\$0	\$534,000	\$0	\$0	\$534,000
Geotech / Material Testing	\$0	\$0	\$62,000	\$0	\$0	\$62,000
Contingency	\$0	\$0	\$420,000	\$0	\$0	\$420,000
Construction / Installation / Improvement	\$0	\$0	\$6,200,000	\$0	\$0	\$6,200,000
Furnishings / Equipment	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$300,000	\$0	\$0	\$300,000
ITD / Telecommunications	\$0	\$0	\$620,000	\$0	\$0	\$620,000
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$850,000	\$0	\$0	\$0	\$0	\$850,000
Total	\$1,816,000	\$0	\$8,686,000	\$0	\$0	\$10,502,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$353,050	\$0	\$947,907	\$0	\$0	\$1,300,957
Development Impact Fees	\$0	\$0	\$1,930,337	\$0	\$0	\$1,930,337
ASU Participation	\$0	\$0	\$1,300,958	\$0	\$0	\$1,300,958
TA Grant and Other Federal Grants	\$1,462,950	\$0	\$4,506,798	\$0	\$0	\$5,969,748
Total	\$1,816,000	\$0	\$8,686,000	\$0	\$0	\$10,502,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Quiet Zone and Alameda Intersection Improvements

UPRR Railroad Crossing along the Quiet Zone and Alameda Drive

This project funds safety improvements to upgrade the railroad crossing at the west end of Alameda Dr (west of Mill) to Wilson Street. Improvements to date include removal and replacement of broken pathway to provide safe access for pedestrians and bicyclists. The next phase includes the acquisition of the right-of-way and construction of the missing gap of path at the parking lot just west of the railroad tracks and east of Wilson Street. The improvements will address ADA elements to ensure access for all users.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5410169		7/1/2023		9/30/2024	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$342,914	\$0	\$0	\$0	\$0	\$342,914
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$342,914	\$0	\$0	\$0	\$0	\$342,914
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Highway User Revenue	\$342,914	\$0	\$0	\$0	\$0	\$342,914
Total	\$342,914	\$0	\$0	\$0	\$0	\$342,914
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Right of Way (ROW) Landscape Replacement

Citywide

The City of Tempe's right of way and median landscape consists of an eclectic mix of trees and shrubs covering over 7.5 million square feet of landscape maintained. There is currently an inventory of over 9,000 City street trees valued at over \$16 million which also serve to support clean air and clean water goals. There is a mixture of public, home-owner association, and commercial development properties that blend together along city arterials. In many areas, the ROW landscaping is showing incredible signs of decline, including plant stress. Recent construction and revitalization projects for both buildings and streets have also taken their toll on the landscaping. This request supports the replacement and regeneration of the ROW landscape areas, as well as the implementation of the Urban Forest Masterplan.

Annual assessment for revitalization projects has identified 5 locations for fiscal year 23/24.

2023/2024

Rural Rd from Broadway to Guadalupe Rd

Price Rd from Rio Salado to Broadway Rd (South bound)

Warner Rd from McClintock Dr to Price Rd

Rio Salado Pkwy from Rural Rd to McClintock Dr

Mill Ave from Broadway Rd to Southern Ave



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.23 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Landscape maintenance along streets/sidewalks" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type						
Asset Preservation	5406149		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvemer	\$1,995,102	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,995,102
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,995,102	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,995,102
Funding Sources	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Highway User Revenue	\$1,995,102	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,995,102
Total	\$1,995,102	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,995,102
Operating Impacts	2023-24	2024-25	2025-26	2026-27	2027-28	Total 5 -Year
Supplies and Services	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000

Capital Improvements Program

Roadway Mill and Overlay & Reconstruction (formerly Arterial Resurfacing)

Citywide

This project provides for the rehabilitation on pavements that exhibit distresses that are beyond the benefit/cost effectiveness of applying a minor preservation technique. These pavements typically have a Pavement Quality Index (PQI) score of 60 or less. If pavement assets have deteriorated to a point where minor preservation cannot be performed, then a mill/overlay, reconstruction or rehabilitation is performed as part of the pavement asset management program. These include (in order of cost): standard mill & overlays, hot or cold in-place recycling, full-depth reclamation and full reconstruction. Rehabilitation and reconstruction increase the strength and the durability of the roadway. This project is an important component of our strategic plan to maintain/preserve the 1241 lanes miles of asphalt roadways (447 Arterial Lane Miles - Current Average PQI of 71; 107 Collector Lane Miles - Current Average PQI of 63; 72 Industrial Lane Miles - Current Average PQI of 62; and 615 Local Lane Miles - Current Average PQI of 52).

Tempe's current overall pavement network has an average PQI score of 60. The increase in funding is needed due to 46% of the pavement network being below good condition (PQI below 60). This funding will move the needle toward increasing the network score to a PQI score of 70. Pavement Quality was one of the top three priorities identified in the most recent community survey. Improvements are necessary to ensure accessibility and safety for residents and businesses on Tempe's streets and to accommodate all modes of traffic including pedestrians, bicyclists, and vehicular traffic. This project also addresses ADA Transition Plan identified repairs.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.22 Achieve adopted standards for Pavement Quality Index equal to a citywide average rating of 70 or higher., 1.22 Achieve adopted standards for Pavement Quality Index equal to a citywide average rating of 70 or higher across all demographic categories.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5499741		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$21,948,362	\$10,550,000	\$10,550,000	\$11,500,000	\$9,350,000	\$63,898,362
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$21,948,362	\$10,550,000	\$10,550,000	\$11,500,000	\$9,350,000	\$63,898,362
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$17,498,362	\$7,100,000	\$7,100,000	\$8,600,000	\$9,350,000	\$49,648,362
Highway User Revenue	\$3,450,000	\$3,450,000	\$3,450,000	\$2,900,000	\$0	\$13,250,000
Total	\$21,948,362	\$10,550,000	\$10,550,000	\$11,500,000	\$9,350,000	\$63,898,362
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Roundabout at College and McKellips

College Ave & McKellips Road

The Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. As part of a continuing transportation safety program, Traffic Engineering staff proactively identifies potential locations within the City that could benefit from the implementation of traffic safety measures. The intersection of College Avenue and McKellips Road is currently controlled by a traffic signal. Traffic Engineering staff met with local neighborhoods and received feedback from residents requesting traffic calming on College Avenue. Traffic Engineering staff is recommending the construction of a modern roundabout as an alternative to the existing traffic signal. Roundabouts have proven safety benefits and reduce maintenance costs when compared to traffic signals. Roundabouts also have sustainability benefits since they have no need for electricity and don't require replacement of aging equipment. This project will include ADA Transition Plan identified repairs.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5411121		7/1/2021		6/30/2025	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Land Acquisition	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Permit / Agency Fees	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Survey / Staking	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Inspection & Construction Management	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Geotech / Material Testing	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Contingency	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Construction / Installation / Improvement	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$210,000	\$1,275,000	\$0	\$0	\$0	\$1,485,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Development Impact Fees	\$0	\$229,806	\$0	\$0	\$0	\$229,806
General Obligation Bonds	\$210,000	\$1,045,194	\$0	\$0	\$0	\$1,255,194
Total	\$210,000	\$1,275,000	\$0	\$0	\$0	\$1,485,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Total	\$0	\$0	\$0	\$0	\$0	\$0

Capital Improvements Program

Rural Rd & Baseline Rd Intersection Improvements

Rural Rd and Baseline Rd

The Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. As part of a continuing transportation safety program, Traffic Engineering staff proactively identifies potential locations within the City that could benefit from the implementation of traffic safety measures. In addition, through review of traffic counts, staff monitors traffic flow on arterial roadways. This project will construct safety and capacity improvements at the intersection of Rural Road and Baseline Road. Improvements will include construction of an eastbound to southbound right-turn lane and improvements to the traffic signal, sidewalks (including ADA), lighting, striping, and transit stops. An early design phase will be started to develop an overall safety program concept for Baseline Road from Priest Dr to Rural Rd.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5410681		7/1/2022		6/30/2026	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$12,500	\$0	\$0	\$0	\$0	\$12,500
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$270,000	\$0	\$0	\$0	\$0	\$270,000
Survey / Staking	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Inspection & Construction Management	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$5,000	\$5,000	\$0	\$0	\$0	\$10,000
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$297,500	\$2,025,000	\$0	\$0	\$0	\$2,322,500
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$297,500	\$1,698,437	\$0	\$0	\$0	\$1,995,937
Development Impact Fees	\$0	\$326,563	\$0	\$0	\$0	\$326,563
Total	\$297,500	\$2,025,000	\$0	\$0	\$0	\$2,322,500
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Smith Rd at Rio Salado Pkwy and University Dr Redesign

Smith Rd at University and Smith Rd at Rio Salado

As part of the Smith Innovation Hub Infrastructure Masterplan, the intersection of Smith Rd and Rio Salado Parkway and Smith Rd and University Dr were identified for safety upgrades and improvements. This project will be coordinated with the Smith Rd project which extends from Apache Blvd to Rio Salado Pkwy that is currently being designed and scheduled for construction in FY 23-24 and FY24-25. Improvements will included updated infrastructure for bicycles and pedestrians as well as ensuring the intersections are ADA compliant.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.26 Achieve a percentage of dwellings where residents can utilize a multimodal transportation system (walk, bicycle, or use public transit) to meet all basic daily, non-work needs within 20 minute city criteria.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5411111		7/1/2023		6/30/2025	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$0	\$1,800,000	\$0	\$0	\$0	\$1,800,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$250,000	\$1,800,000	\$0	\$0	\$0	\$2,050,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$250,000	\$1,800,000	\$0	\$0	\$0	\$2,050,000
Total	\$250,000	\$1,800,000	\$0	\$0	\$0	\$2,050,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Street Grant Contingency

Various

This project creates spending authority for grants or other funding that may become available during the fiscal year.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.27 Achieve 100% compliance with industry standards related to the replacement or rehabilitation of infrastructure and assets.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	9854		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$0	\$0	\$0	\$0	\$0	\$0
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Federal Grants	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Vision Zero Infrastructure Improvements

Citywide

The Transportation Division has developed a Vision Zero Action Plan. The goal of the plan is to eliminate fatal and serious injury crashes on the City's transportation system. The Vision Zero Action Plan identifies specific strategies, including infrastructure improvements, that will reduce fatal and serious injury crashes. Projects that would be included are signal visibility improvements, and implementation of Safety Corridors in conjunction with the Police Department and the installation of left turn signals at approximately 10 locations. Improvements at pedestrian crossings will be identified as part of the crash trend analysis. The use of speed feedback signs are also part of the program. Based on current high severity crash data, projects that could be included in future fiscal years include design and construction for safety improvements on City arterials. Design funds have been included in FY 22-23 for the inventory and establishment of a sidewalk in-fill program to address areas that are missing sidewalks.



Primary City Council Priority and Performance Measure Addressed



Safe & Secure Communities 1.08 Achieve a reduction in the number of fatal and serious injury crashes to zero.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Public Health and Safety	5410189		Ongoing		Ongoing	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$185,000	\$0	\$25,000	\$0	\$25,000	\$235,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$646,532	\$200,000	\$300,000	\$200,000	\$300,000	\$1,646,532
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$831,532	\$200,000	\$325,000	\$200,000	\$325,000	\$1,881,532
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$831,532	\$200,000	\$325,000	\$200,000	\$325,000	\$1,881,532
Total	\$831,532	\$200,000	\$325,000	\$200,000	\$325,000	\$1,881,532
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						

Capital Improvements Program

Warner I-10 Drainage Channel Access Ramp

Warner and I-10

Providing an access ramp to the ADOT channel will help address overgrown vegetation and damage to drainage channel infrastructure, as well as assist with access to address an abundant amount of graffiti. Current practice to address concerns is lowering a ladder and tools into the channel. With the limited tools that can be physically lowered into the channel, staff has not been successful in adequately addressing deficiencies and vegetation. Adding the access ramp allows appropriate vehicles, large machinery and equipment into the channel for proper maintenance.



Primary City Council Priority and Performance Measure Addressed



Quality of Life

3.23 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Landscape maintenance along streets/sidewalks" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

Priority Type	Project Number		Estimated Start		Estimated Completion	
Asset Preservation	5410691		7/1/2022		6/30/2023	
Estimated Project Costs	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
Legal / Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Permit / Agency Fees	\$0	\$0	\$0	\$0	\$0	\$0
Water / Sewer Development Fees	\$0	\$0	\$0	\$0	\$0	\$0
Design & Engineering	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Survey / Staking	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Construction Management	\$0	\$0	\$0	\$0	\$0	\$0
Geotech / Material Testing	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Construction / Installation / Improvement	\$120,000	\$0	\$0	\$0	\$0	\$120,000
Furnishings / Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Utility Relocation Fees/Undergrounding	\$0	\$0	\$0	\$0	\$0	\$0
ADA Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Archeological Monitoring/Reporting	\$0	\$0	\$0	\$0	\$0	\$0
ITD / Telecommunications	\$0	\$0	\$0	\$0	\$0	\$0
Non-G.O. Bond Eligible Costs	\$0	\$0	\$0	\$0	\$0	\$0
Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Funding Sources	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
General Obligation Bonds	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Operating Impacts	2023-24	2025-26	2026-27	2027-28	2027-28	Total 5 -Year
None						