



# FY2024-2033 Capital Improvement Plan

March 7th, 2023





# Agenda

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- Follow Up Items from February 14, 2023 Workshop
- ARPA Update
- Capital Improvement Plan (CIP) Overview
- Capital Improvement Plan Projects
- Council Feedback and Questions



# Budget Calendar

Item	Date
Workshop #1 – Budget Overview / Revenues / Five-Year Financial Forecasts	February 14, 2023
<i>Workshop #2 – FY24-33 Capital Improvement Plan</i>	<i>March 7, 2023</i>
Workshop #3 – (All Day) FY24 Operating Budget Department Presentations	April 4, 2023
Workshop #4 – (All Day) FY24 Operating Budget Department Presentations	April 6, 2023
Workshop #5 – FY24 Final Budget Workshop	April 18, 2023
<b>Voting Meeting – Tentative Budget Adoption</b>	<b>May 9, 2023</b>
<b>Voting Meeting – Final Budget Adoption / Property Tax Levy</b>	<b>June 13, 2023</b>
<b>Voting Meeting – Property Tax Adoption</b>	<b>June 27, 2023</b>



# Follow Up Items – February 14, 2023

AZSTA Payment Schedule	
Fiscal Year	Forecasted Payment
FY20*	\$2,207,372
FY21*	\$933,646
FY22*	\$5,211,472
FY23*	\$2,127,816
FY24	\$2,813,631
FY25	\$3,858,697
FY26	\$4,054,476
FY27	\$7,457,309
FY28	\$8,157,733
FY29	\$8,146,533
FY30	\$8,125,003
FY31	\$7,509,828
<b>TOTAL</b>	<b>\$57,219,906</b>

\*Actual Payment Received



# Follow Up Items – February 14, 2023

## FY22 Budget to Actual Comparison for City Sales Tax

	FY22 Budget	FY22 Actual
Amusement	\$2,380,553	\$ 5,793,186
Construction*	\$15,335,187	\$ 25,105,835
Hotel/Motel	\$4,217,120	\$ 6,380,550
License Fee		\$ 1,091,323
Other	\$8,699,343	\$ 5,864,244
Rentals	\$19,395,572	\$ 25,463,366
Restaurant/Bar	\$21,552,556	\$ 29,081,057
Retail Sales*	\$99,316,898	\$ 118,479,372
Retail Sales >\$5,000	\$7,936,415	\$ 14,498,344
Telecom/Cable TV		\$ 2,118,910
Utilities	\$11,423,000	\$ 9,422,143
<b>TOTAL</b>	<b>\$190,256,644</b>	<b>\$243,298,330</b>



# City Sales Tax

City Sales Tax by Category						
	FY17-18	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23 (6 Months)
Amusement	4,916,662	4,893,334	4,363,114	1,452,357	5,793,186	3,645,155
Construction*	6,656,873	6,807,300	12,296,520	16,922,150	25,105,835	13,573,604
Hotel/Motel	3,825,521	3,970,644	3,761,665	3,820,245	6,380,550	3,085,217
License Fee	847,704	956,862	772,700	916,541	1,091,323	545,433
Other	4,685,870	5,301,519	5,483,839	5,540,221	5,864,244	3,600,489
Rentals	18,105,380	19,690,599	20,702,089	21,551,335	25,463,366	14,078,620
Restaurant/Bar	20,450,972	22,051,165	20,707,683	22,302,348	29,081,057	14,716,161
Retail Sales*	81,554,645	78,916,500	89,874,691	104,355,209	118,479,372	61,415,091
Retail Sales >\$5,000	7,888,299	9,016,095	9,728,090	11,687,464	14,498,344	7,405,574
Telecom/Cable TV	3,485,608	3,031,501	3,019,581	2,437,948	2,118,910	959,591
Utilities	8,994,685	9,000,071	8,583,441	9,111,433	9,422,143	6,032,490
<b>TOTAL</b>	<b>161,412,219</b>	<b>163,635,591</b>	<b>179,293,413</b>	<b>200,097,252</b>	<b>243,298,330</b>	<b>129,057,424</b>

\*One-Time Revenues



# Follow Up Items – February 14, 2023

Breakdown the following in City Sales Tax:

City Sales Tax						
	FY18	FY19	FY20	FY21	FY22	FY23 (6 Months)
Residential Rental	\$6,805,499	\$7,474,802	\$8,172,710	\$9,099,906	\$10,749,982	\$6,102,348
Commercial Rental	\$8,634,817	\$9,329,744	\$9,473,967	\$9,435,470	\$10,813,212	\$5,876,529
Food for Home Consumption	\$14,483,330	\$14,824,769	\$16,395,389	\$17,183,403	\$17,382,756	\$9,806,090
Wayfair (Retail Sales)	N/A	N/A	N/A	\$6,419,320	\$8,087,819	\$4,405,629



# Follow Up Items – February 14, 2023

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## Retail Sales over \$5,000

- 28 of 91 Cities/Towns have the same or similar Tax Code
- The Top 24 Taxpayers accounted for 96% of the taxes collected in this category

Auto Dealers	\$13,567,829
Other	\$ 1,608,295
<b>Total</b>	<b>\$15,176,124</b>





# Follow Up Items – February 14, 2023

## Sales Tax Rates of Peer Cities

City	Retail Rate
Avondale	2.50
Buckeye	3.00
Chandler	1.50
Gilbert	1.50
Glendale	2.90
Goodyear	2.50
Mesa	2.00
Peoria	1.80
Phoenix	2.30
Scottsdale	1.75
Surprise	2.20



## Follow Up Items – February 14, 2023

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**Is the City able to recoup Street Scalloping costs from developers when development goes into an improved area?**

Yes, we do have this ability. Streets has not done this in the past but is working with the City Attorney's Office to perform an analysis of viability of implementing this process.



# Follow Up Items – February 14, 2023

ARPA Strategy			
Category	Budget	Actual	Remaining
Public Health	\$14,768,300	\$1,877,362	\$12,890,938
Negative Economic Impacts	\$27,011,666	\$4,485,590	\$22,526,076
Public Health - Negative Economic Impact	\$11,583,444	\$6,833,250	\$4,750,194
Infrastructure	\$5,778,200	\$0	\$5,778,200
Administrative	\$375,000	\$0	\$375,000
<b>TOTAL</b>	<b>\$59,516,610</b>	<b>\$13,196,202</b>	<b>\$46,320,408</b>



# Follow Up Items – February 14, 2023

ARPA Strategy - Actuals		
Category	Project	Actual
Public Health	Vaccination Clinics and Incentives, Additional Custodial Services, Continuity of Operations Projects	\$1,877,362
Negative Economic Impacts	CBR and Arena (FY22), Parks Projects (Playground Equipment Replacement)	\$4,485,590
Public Health - Negative Economic Impact	Retention Pay, COVID Leave, Temp Pay for Recreation Staff, Referral/Hiring Bonuses	\$6,833,250
Infrastructure		\$0
Administrative		\$0
<b>TOTAL</b>		<b>\$13,196,202</b>



# Follow Up Items – February 14, 2023

ARPA Strategy – Remaining Budget		
Category	Project	Actual
Public Health	COVID Medical Claims, Building Improvements, IT Projects, and Library Resources	\$12,890,938
Negative Economic Impacts	Parks, Special Event and Library Programming, Community Centers, Parks Improvements, including Playground and Lighting Improvements, Splash Pad Place Holders, and Heroes Regional Park Ballfields	\$22,526,076
Public Health - Negative Economic Impact	Retention Pay, COVID Leave, Temp Pay for Recreation Staff, and Referral/Hiring Bonuses	\$4,750,194
Infrastructure	Parks Irrigation Projects, Community Center Improvements, and Storm Water Projects	\$5,778,200
Administrative	Senior Account, Grant Management	\$375,000
<b>TOTAL</b>		<b>\$46,320,408</b>



# Elements of a Capital Improvement Plan

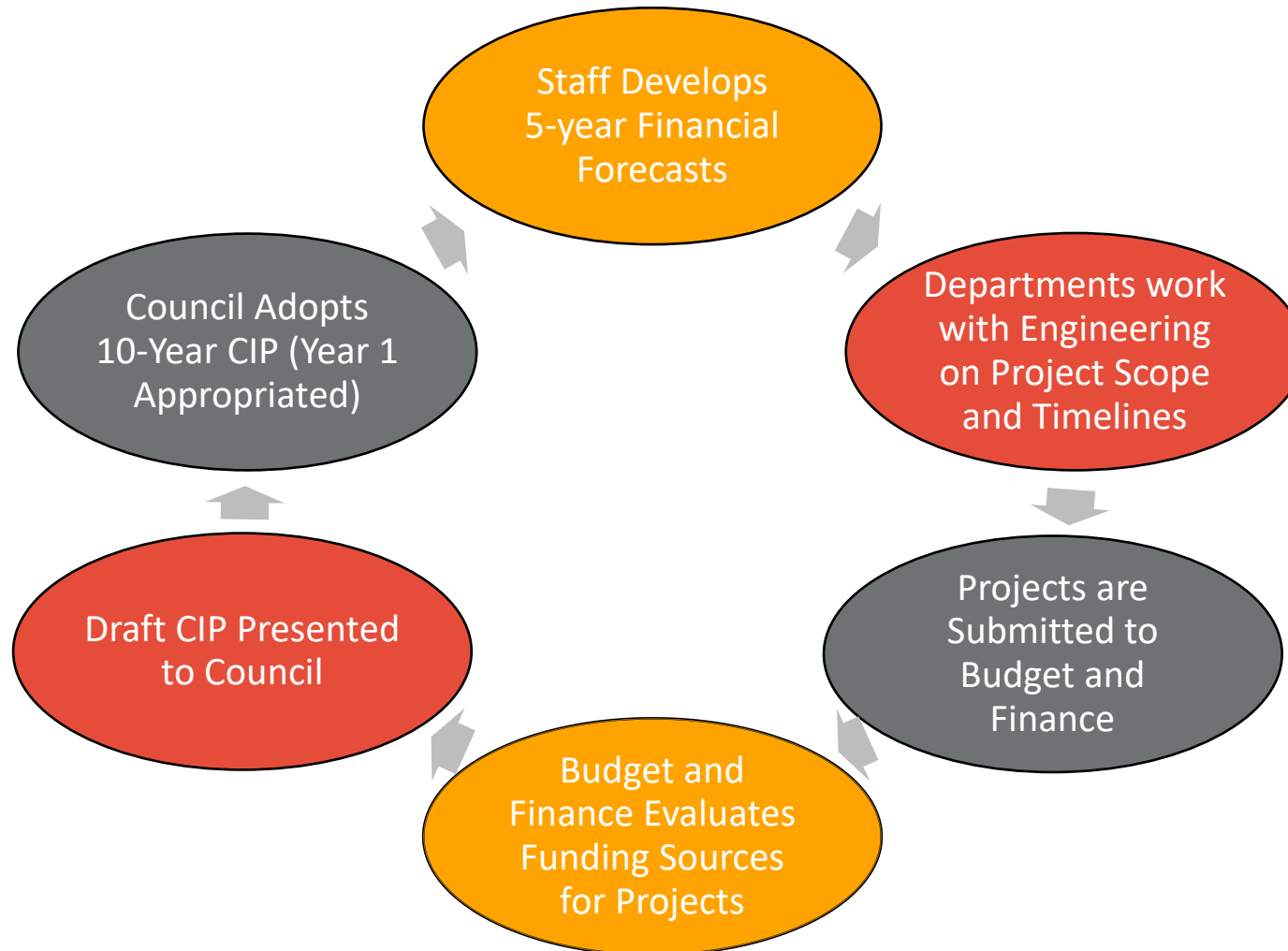
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- Assets valued over \$50,000 with a useful life of 5+ years
- Land, buildings, streets & improvements, plants, large equipment
- Ten-Year Plan (only FY23-24 is adopted as part of the FY23-24 budget)

## Financial Policy:

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

# CIP Process





# CIP Funding Sources

- Development Impact Fees
  - One-time charges to developers for new development
  - New or expanded infrastructure
- General Obligation Bonds
  - Debt issuance must be authorized by Voters
  - Streets, Public Safety, Parks, Government Facilities, Open Space/Trails, Libraries, and Flood Control
  - Debt service paid by Secondary Property Tax
- Grants
  - Federal or state grant funding
  - Often require a match contribution to the project
- Pay-As-You-Go
  - Cash funded projects





# CIP Funding Sources

- Special Revenue Funds
  - Transportation Sales Tax
    - Half cent sales tax
    - Improve service for all modes of transportation
  - Highway User Revenue Funds
    - Restricted Special Revenue Fund
    - Right of Way acquisition, construction, reconstruction, maintenance, and repair
- Enterprise Funds
  - Water/Sewer
    - Funding can come from G. O. Bonds, revenue bonds, revenue obligations or cash financing
    - Debt service paid from future water/sewer fee revenue
  - Landfill – paid by Landfill user fees
  - Solid Waste – paid by Solid Waste user fees



# CIP Funding Sources

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## Pay-As-You-Go Funds

- 1080 – General Government Capital Projects (General Fund)
- 2110 – Arts Commission

## General Obligation Bonds

- 4010 – Streets Construction
- 4040 – Public Safety Construction
- 4050 – Parks Construction
- 4060 – Government Facilities
- 4080 – Cultural Facility
- 4090 – Open Space/Trail Construction
- 4100 – Library Construction
- 4110 – Flood Control Construction



# CIP Funding Sources

## Development Impact Fees (DIF)

- 4173 – 2019 DIF – Fire
- 4191 – 2012 DIF – Police Facilities
- 4223 – 2014 DIF – Police
- 4284 – 2019 DIF – Libraries
- 4325 – 2014 DIF – Parks and Rec
- 4383 – 2019 DIF – Parks & Rec
- 4410 – 2014 DIF – Streets Zone 1 East
- 4420 – 2014 DIF – Streets Zone 2 West
- 4431 – 2019 DIF – Streets East
- 4434 – 2023 DIF – Streets West
- 6065 – 2014 DIF – Water
- 6095 – 2014 DIF – Sewer



# CIP Funding Sources

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HURF Operating (Pavement Management) – 2050

HURF Streets Construction – 4020

Transportation Sales Tax Operating (Pavement Management) – 2070

Transportation Sales Tax – 4030

## Enterprise User Fees

- 6020 – Water
- 6030 – Sewer
- 6110 – Landfill
- 6120 – Solid Waste

## Grants

- 2060 – Transportation Grants
- 2160 – Other Grants
- 2190 – Airport Capital Grants



# FY24-33 Draft CIP Report

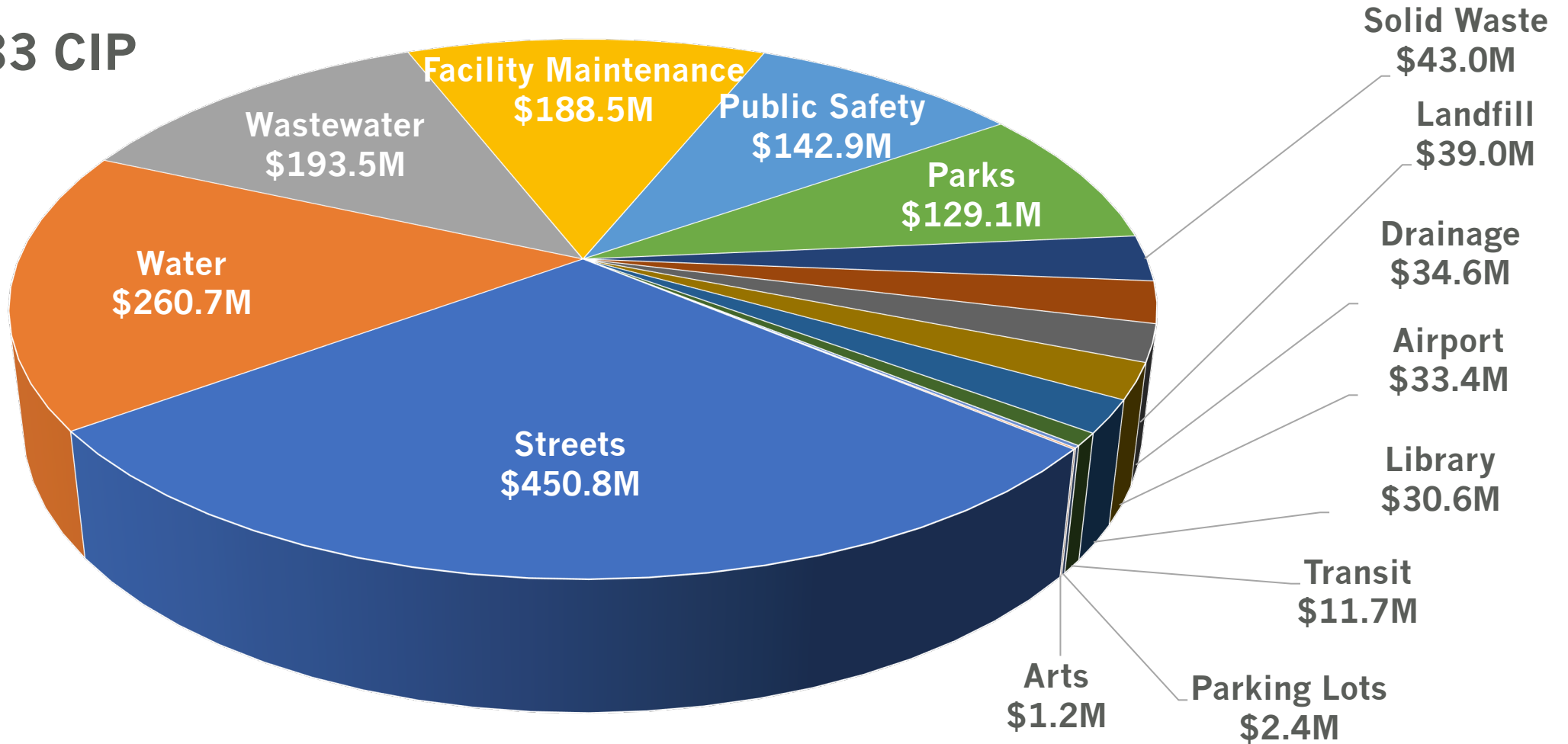
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- Change document – overall financial change in project from FY23 Adopted CIP to FY24 Draft CIP
- CIP Report includes **Estimated** FY23 Carryover
  - Estimates will be updated as part of the carryover process in March/April
  - Final carryover will be presented as part of the Final Budget Workshop on April 18, 2023



# FY24-33 DRAFT CIP By Project Type

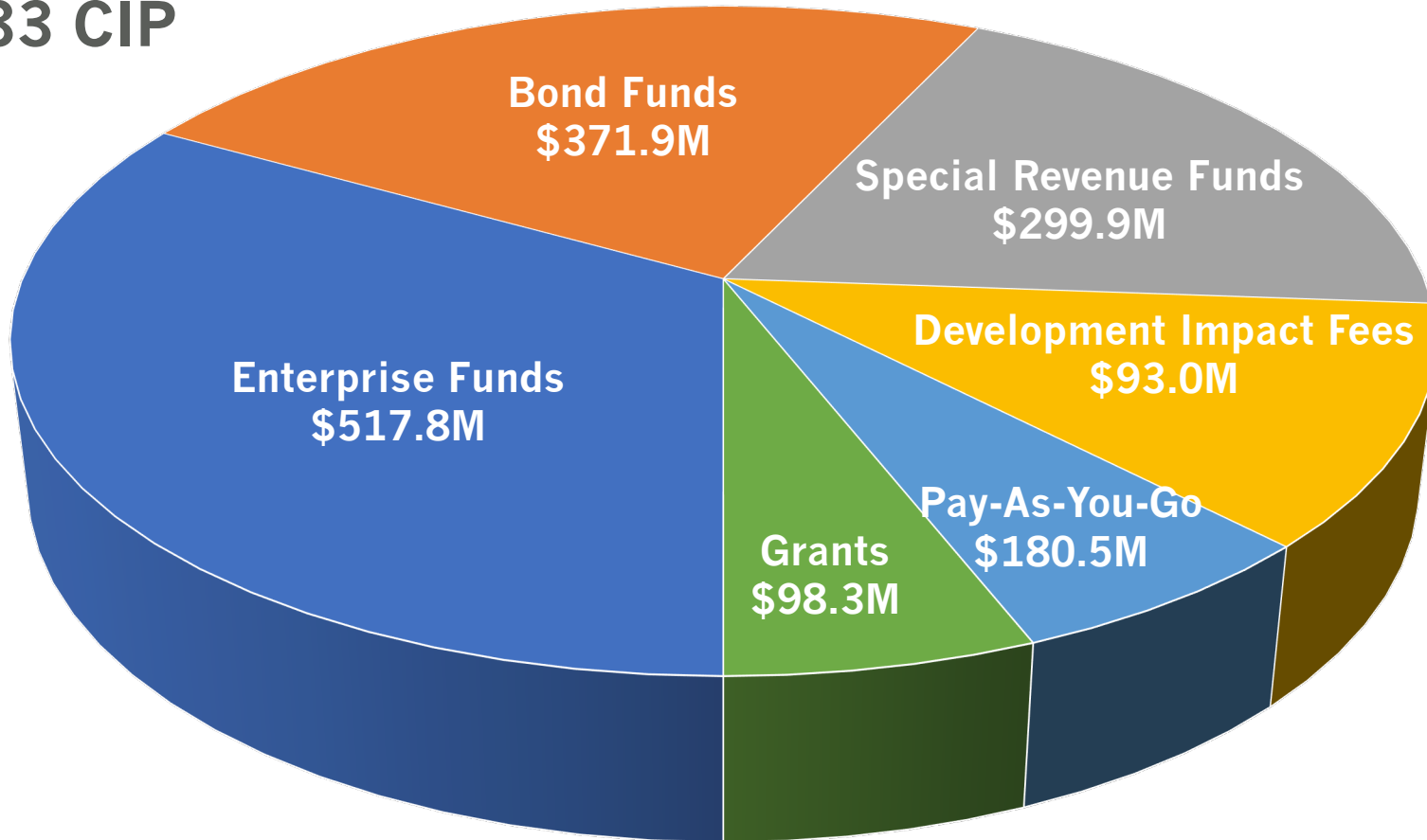
**Total FY24-33 CIP**  
**\$1.6B**





# FY24-33 DRAFT CIP by Funding Source

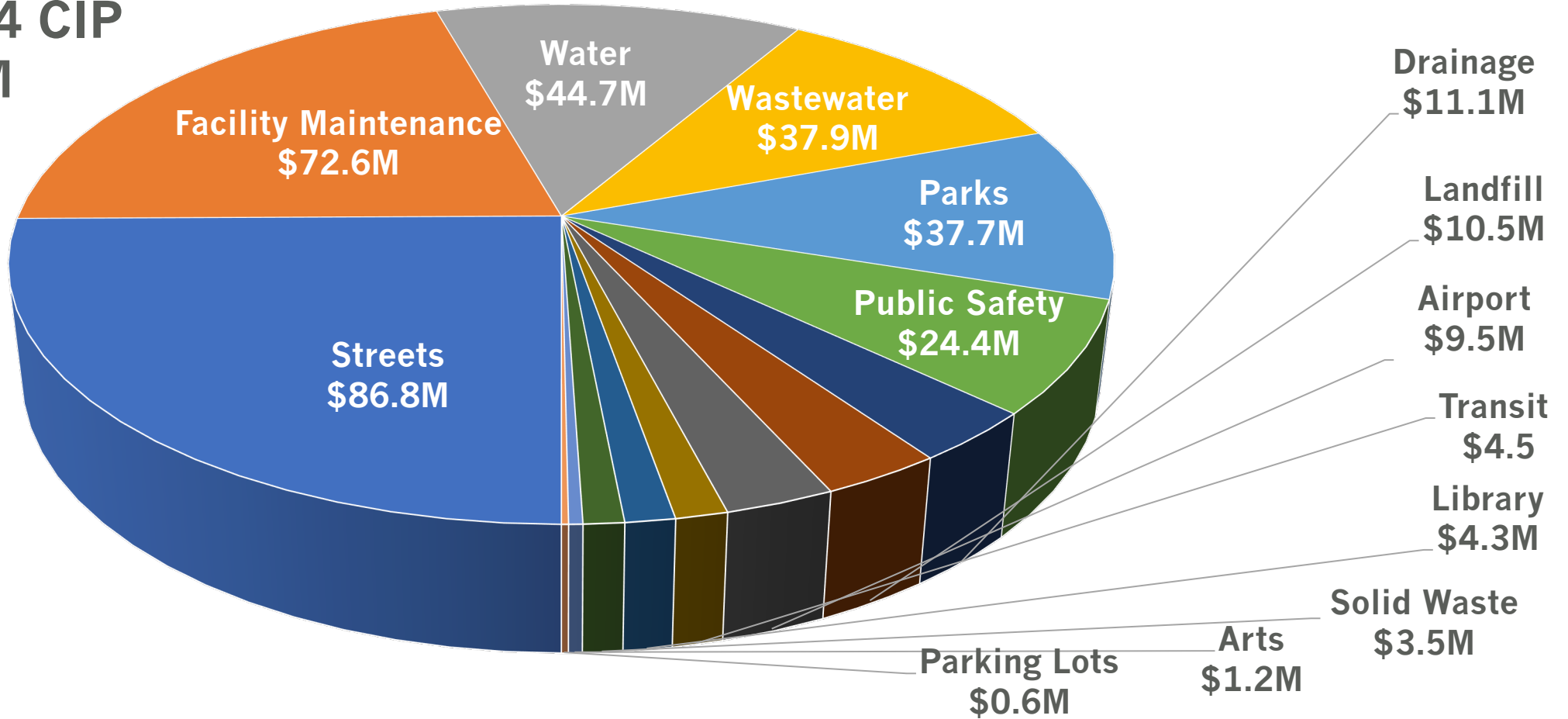
Total FY24-33 CIP  
\$1.6B





# FY23-24 DRAFT Capital Improvement Plan

Total FY23-24 CIP  
\$349.3M







# FY24-33 Airport CIP Overview

- Funded by Airport Grant Funds (84%) and Transportation Sales Tax (16%)
- Projects include:
  - South Apron Reconstruction
  - Southwest Apron Expansion
  - Runway Rehabilitation
  - Air Traffic Control Tower Study
  - Airport Master Plan
  - Airport Security Fencing



# FY24-33 Airport Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPAP19075	AIRPORT EA FOR CHANNELIZATION					143,295			143,295
CIPAP19076	SOUTH APRON PHASE 1 PAVEMENT RECONS	2,973,475							2,973,475
CIPAP20001	SOUTH APRON PHASE 2 REHABILITATION	2,060,276		2,070,000					4,130,276
CIPAP20002	RUNWAY REHABILITATION		716,475	7,164,750					7,881,225
CIPAP20003	WEATHER REPORTING EQUIPMENT	2,408							2,408
CIPAP20004	AIRPORT PLANNING STUDY						334,355		334,355
CIPAP20018	TAXIWAY PAVEMENT REHAB & PRESERVE	108,898							108,898
CIPAP21005	AIRPORT BUILDING CONSTRUCTION STUDY					429,885			429,885
CIPAP21007	AIRPORT MASTER PLAN STUDY			525,415					525,415
CIPAP21009	AIRPORT SECURITY FENCING			900,000					900,000
CIPAP21010	SOUTHWEST APRON DESIGN			450,000					450,000



# FY24-33 Airport Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPAP21012	AIRSIDE PAVEMENT MAINTENANCE	234,145	200,359	210,376	220,895	231,940	243,537	1,412,979	2,754,231
CIPAP22001	EAST SIDE DEVELOPMENT	190,000	95,000						285,000
CIPAP22002	AIRPORT DESIGN STANDARDS	48,777	10,000						58,777
CIPAP22003	AIRPORT AUTO PARKING LOTS	93,473							93,473
CIPAP23046	FACILITIES AESTHETIC UPGRADE STUDY	249,120							249,120
CIPAP23071	AIRPORT FIBER PROJECT	33,194							33,194
CIPAP24006	DESIGN FOR CHANNELIZATION						477,650		477,650
CIPAP24007	LAND ACQUISITION FOR CHANNELIZATION						900,000		900,000
CIPAP24008	PLANNING STUDY FOR CHANNELIZATION					334,355			334,355
CIPAP24009	SOUTH APRON RECONSTRUCT PHASE 3		2,070,000						2,070,000
CIPAP24010	SOUTHWEST APRON EXPANSION PHASE 1					2,070,000			2,070,000



# FY24-33 Airport Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPAP24011	SOUTHWEST APRON EXPANSION PHASE 2					2,070,000			2,070,000
CIPAP24012	SOUTHWEST APRON EXPANSION PHASE 3						2,070,000		2,070,000
CIPAP65078	AIRPORT MATCHING FUNDS	112,800	334,960	165,240	168,545	171,917	175,232	930,139	2,058,833
<b>TOTAL</b>		<b>6,106,566</b>	<b>3,426,794</b>	<b>11,485,781</b>	<b>2,793,795</b>	<b>3,047,037</b>	<b>4,200,773</b>	<b>2,343,118</b>	<b>33,403,864</b>



# FY24-33 Airport by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080	GENERAL FUND CAPITAL	33,194							33,194
2190	AIRPORT CAPITAL GRANTS	5,335,057	2,881,475	11,110,165	2,404,355	2,643,180	3,782,005		22,821,180
4030	TRANSPORTATION SALES TAX	738,315	545,319	375,616	389,440	403,857	418,768	2,343,118	4,476,118
<b>TOTAL</b>		<b>6,106,566</b>	<b>3,426,794</b>	<b>11,485,781</b>	<b>2,793,795</b>	<b>3,047,037</b>	<b>4,200,773</b>	<b>2,343,118</b>	<b>33,403,864</b>



# Airport ENV ASMT for Channelization

**Project Number: CIPAP19075**

**Description:**

This is a planned airport grant project. No grant has been issued yet. The project is to conduct an environmental assessment for the channelization and improvements of New River around the Runway Protection Zone. The estimated grant share is \$143,295 and the local share is \$6,705.

**Justification:**

The ultimate project will create re-routed riverbank that will allow for the perimeter road and fence to be relocated to meet Federal Aviation Administration (FAA) Runway Protection Zone and safety standards and enables Engineered Material Arresting System (EMA) and future runway configuration. This project is part of the five-year Arizona Department of Transportation (ADOT) Airport Capital Improvement Program (CIP).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS					\$143,295			\$143,295



# South Apron Phase 1 Pavement Reconstruction

**Project Number:** CIPAP19076

**Description:**

Full reconstruction of South Apron pavement totaling approximately 38,000 square yards.

**Justification:**

Grant funding is to be leveraged for this project. In addition to FAA, this project is required under ADOT Grant Assurances and Airport Design Standards.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS	\$2,973,475							\$2,973,475



# South Apron Reconstruct Phase 4

**Project Number: CIPAP20001**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is Phase 4 to rehabilitate the south apron pavement adjacent to southern hangars and taxi lane approximately 36,000 SY (7.4 Acres). The estimated grant share is \$2M and the local share is \$230,000.

**Justification:**

The relocation of the apron intersection is to comply with FAA design standards. In addition to FAA, this project is required under ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS	\$2,060,276		\$2,070,000					\$4,130,276





# Runway Rehabilitation

**Project Number: CIPAP20002**

**Description:**

This is a planned airport grant project. No grant has been issued yet. Design and construction to rehabilitate runway 01/19. Anticipated mill and overlay, approximately 81,000 SY (16.7 Acres), and replace all runway and taxiway edge lights, airfield signs, Navigational Aids, and supporting underground electrical infrastructure. The estimated grant share is \$7.8M and the local share is \$368,775.

**Justification:**

The Airport Pavement Maintenance Management Program indicates major rehabilitation is needed on the existing runway. This project is required under FAA and ADOT Grant Assurances and Airport Design Standards. Grant funding is to be leveraged for this project. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS		\$716,475	\$7,164,750					\$7,881,225



# Weather Reporting Equipment

**Project Number: CIPAP20003**

**Description:**

Project to replace existing surface observation equipment with Automated Weather Observing System to include wind information sensors at runway ends and improve the wind cones on the airport by relocating and raising existing wind cones.

**Justification:**

Outside funding is to be leveraged for this project. Project required under FAA and ADOT Grant Assurances and Airport Design Standards.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS	\$2,408							\$2,408



# Airport Planning Study Part 150

**Project Number: CIPAP20004**

**Description:**

This is a planned airport grant project. No grant has been issued yet. Complete an update of the Part 150 study that was completed in 1994. Updates are needed to coincide with recent master planning, forecasts, and ALP update. FAA/ADOT Grants of \$334,355 and expected local share \$15,645. This project is part of the five-year ADOT Airport CIP.

**Justification:**

Updates need to coincide with master planning, forecasts, and Airport Layout Plan updates. No operational or maintenance costs are associated with this project. Grant funding will be leveraged. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS						\$334,355		\$334,355



# Taxiway Pavement Rehab & Preserve

**Project Number: CIPAP20018**

**Description:**

Realign/reconstruct Taxiways A4 and A6 (approximately 5,500 SY) and construct stabilized shoulders along the taxiways.

**Justification:**

Realign/reconstruct Taxiways A4 and A6 to meet FAA geometry standards and eliminate Hot Spots at Taxiway A/Apron intersection. Construct stabilized shoulders along the taxiways to reduce the potential for FOD and erosion.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS	\$108,898							\$108,898



# Airport Building Construction Study

**Project Number: CIPAP21005**

**Description:**

This is a planned airport grant project. No grant has been issued yet. The existing Air Traffic Control Tower (ATCT) site and facilities are becoming old and require updating and relocating. The airport Master Plan calls for a new ATCT and this will be the preliminary planning and environmental study to begin the process. The expected grant is \$429,885 and expected local share estimate is \$20,115.

**Justification:**

The Airport Master Plan calls for a new Airport Traffic Control Tower and this will be the preliminary planning and environmental study to begin the process. The project is required under FAA and ADOT grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS					\$429,885			\$429,885



# Airport Master Plan Study

**Project Number: CIPAP21007**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is to update the Airport Master Plan. The expected FAA/ADOT grant is \$525,415 and expected local share estimate \$24,585.

**Justification:**

The current Airport Master Plan was completed in 2007 and the Airport Layout Plan update was completed in 2017. This update will guide and enable east side development according to capacity needs. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS			\$525,415					\$525,415



# Airport Security Fencing

**Project Number: CIPAP21009**

**Description:**

This is a planned airport grant project. No grant has been issued yet. Airfield gate improvement and access and CCTV control system upgrade. ADOT Grant of \$900K and expected local share estimate \$100K.

**Justification:**

This project is identified in the Airport Master Plan and would improve safety. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS			\$900,000					\$900,000



# Southwest Apron Expansion Design

**Project Number: CIPAP21010**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is to design a new southwest apron, taxi lane and supporting infrastructure, approximately 59,000 SY (12 Acres). ADOT Grant \$450K and expected total local share \$50K.

**Justification:**

Design of a new public apron, taxi lane, and infrastructure to accommodate expansion of aircraft storage to meet capacity needs. This project is required under FAA and ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS			\$450,000					\$450,000





# Airside Pavement Maintenance

**Project Number:** CIPAP21012

**Description:**

Ongoing airside pavement maintenance.

**Justification:**

This project is consistent with the Airport's Pavement Maintenance Management Plan.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	\$234,145	\$200,359	\$210,376	\$220,895	\$231,940	\$243,537	\$1,412,979	\$2,754,231



# East Side Development

**Project Number: CIPAP22001**

**Description:**

Ongoing study to examine the development potential of approximately 100 acres of land on the east side of Runway 1-19. This study is in progress and this request is to complete the study. The expected grant share is \$95,000 and the local share is \$5,000.

**Justification:**

The purpose of the study is to identify a specific recommended development plan for the east side of the airport. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANTS	\$190,000	\$95,000						\$285,000



# Airport Design Standards

**Project Number: CIPAP22002**

**Description:**

Ongoing Project. This request it is to complete the project due to cost increase. The purpose of this project is to develop design standards for buildings on the Glendale Municipal Airport.

**Justification:**

The Airport does not have design standards. The result is facilities that are not aesthetically pleasing and clash with the vision for the area.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	\$48,777	\$10,000						\$58,777



# Airport Auto Parking Lots

**Project Number: CIPAP22003**

**Description:**

Rehabilitate the vehicle parking lots near the Terminal and FBO area. Approximately 10,000 SY.

**Justification:**

The parking lot surfaces are severely deteriorated and are a safety issue for vehicles and pedestrians.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	\$93,473							\$93,473



# Facilities Aesthetic Upgrade Study

**Project Number: CIPAP23046**

**Description:**

This study will address infrastructure at the airport, including fencing, signage, landscaping, roadway improvements, the Terminal Building, and the FBO building. Improvements identified will be based on the Airport Design Standards under development now.

**Justification:**

This project is part of the Airport Strategic Plan and will identify improvements needed to City-owned facilities including the interior spaces.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	249,120							249,120



# Airport Fiber Project

**Project Number: CIPAP23071**

**Description:**

This project is to provide fiber from the West Area Water Treatment Facility (WAWRF) to the Airport along security camera access.

**Justification:**

Bring fiber redundancy to the Airport along with access control and added security with cameras.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 - GENERAL FUND CIP	\$33,194							\$33,194



# Design For Channelization

**Project Number: CIPAP24006**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is to complete the design for the channelization and improvements of New River around the Runway Protection Zone. The estimated grant share is \$477,650 and the local share is \$22,350.

**Justification:**

The ultimate project will create re-routed riverbank that will allow for the perimeter road and fence to be relocated to meet FAA RPZ and safety standards and enables EMAS and future runway configuration. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 – AIRPORT CAPITAL GRANT						\$477,650		\$477,650



# Land Acquisition For Channelization

**Project Number: CIPAP24007**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is to acquire land for the channelization and improvements of New River around the Runway Protection Zone. The estimated grant share is \$900,000 and the local share is \$100,000.

**Justification:**

The ultimate project will create re-routed riverbank that will allow for the perimeter road and fence to be relocated to meet FAA RPZ and safety standards and enables EMAS and future runway configuration. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT						\$900,000		\$900,000





# Planning Study For Channelization

**Project Number: CIPAP24008**

**Description:**

This is a planned airport grant project. No grant has been issued yet. The project is to conduct a focused planning study in advance of the Environmental Assessment and Wildlife Hazard Management Plan for the channelization and improvements of New River around the Runway Protection Zone. The estimated FAA/ADOT grant share is \$334,355 and the local share is \$15,645.

**Justification:**

The ultimate project will create re-routed riverbank that will allow for the perimeter road and fence to be relocated to meet FAA RPZ and safety standards and enables EMAS and future runway configuration. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT				\$334,355				\$334,355



# South Apron Reconstruct Phase 3

**Project Number: CIPAP24009**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is to rehabilitate the south apron pavement adjacent to southern hangars and taxi lanes approximately 36,000 SY (7 Acres). The grant share is estimated to be \$2 millions and the local share \$230,000 for a total project cost of \$2.3 million.

**Justification:**

Grant funding is to be leveraged for this project. In addition to FAA, this project is required under ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT		\$2,070,000						\$2,070,000



# Southwest Apron Expansion Phase 1

**Project Number: CIPAP24010**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is phase 1 to construct a new southwest apron, taxi lane and supporting infrastructure, approximately 20,000 SY (4 Acres). The estimated ADOT grant share is \$2 millions and the local share is \$230,000.

**Justification:**

Construction of a new public apron, taxi lane, and infrastructure to accommodate expansion of aircraft storage to meet capacity needs. This project is required under FAA and ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT				\$2,070,000				\$2,070,000



# Southwest Apron Expansion Phase 2

**Project Number: CIPAP24011**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is phase 2 to construct a new southwest apron, taxi lane and supporting infrastructure, approximately 20,000 SY (4 Acres). The estimated ADOT grant share is \$2 millions and the local share is \$230,000.

**Justification:**

Construction of a new public apron, taxi lane, and infrastructure to accommodate expansion of aircraft storage to meet capacity needs. This project is required under FAA and ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT					\$2,070,000			\$2,070,000



# Southwest Apron Expansion Phase 3

**Project Number: CIPAP24012**

**Description:**

This is a planned airport grant project. No grant has been issued yet. This project is phase 3 to construct a new southwest apron, taxi lane and supporting infrastructure, approximately 20,000 SY (4 Acres). The estimated ADOT grant share is \$2 millions and the local share is \$230,000.

**Justification:**

Construction of a new public apron, taxi lane, and infrastructure to accommodate expansion of aircraft storage to meet capacity needs. This project is required under FAA and ADOT Grant Assurances and Airport Design Standards. This project is part of the five-year ADOT Airport CIP.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2190 - AIRPORT CAPITAL GRANT						\$2,070,000		\$2,070,000



# Airport Matching Funds

**Project Number: CIPAP65078**

**Description:**

This request is to provide matching funds for Glendale Airport projects as identified in the Airport Capital Improvement Program (Fund 2190). Funding covers the local match for all airport capital costs.

**Justification:**

This request allows for projects identified in the Airport Capital Improvement Program to be completed with local match funding and leverage Federal and State funds.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	\$112,800	\$334,960	\$165,240	\$168,545	\$171,917	\$175,232	\$930,139	\$2,058,833



# FY24-33 Arts CIP Overview

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- Funded by Arts Fund (100%)
  - 1% of Construction Completed in Current Fiscal Year on Eligible Projects
- Projects include:
  - Municipal Arts Program
  - Arts Master Plan



# FY24-33 Arts Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPAT20035	MUNICIPAL ARTS PROGRAM	\$1,065,125							\$1,065,125
CIPAT23001	ARTS MASTER PLAN	\$100,000							\$100,000
<b>TOTAL</b>		<b>\$1,165,125</b>							<b>\$1,165,125</b>





# FY24-33 Arts by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2110	ART COMMISSION FUND	1,165,125							1,165,125
<b>TOTAL</b>		<b>1,165,125</b>							<b>1,165,125</b>



# Municipal Arts Program

**Project Number: CIPAT20035**

**Description:**

City Council Ordinance No. 1226 created a Municipal Art Fund which provides for the purchase of works of art for public places. This consists of commissioned, non-commissioned and the performing arts, all reviewed and recommended by the Glendale Arts Commission (via the Annual Arts Plan). These funds are used to implement the Annual Arts Plan and maintain and restore the City's art portfolio (when necessary)

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2110 - ART COMMISSION FUND	\$1,065,125							\$1,065,125



# Arts Master Plan

**Project Number: CIPAT23001**

**Description:**

Project is to develop an arts & culture master plan for Glendale through a comprehensive consultation and engagement process. The city will seek the services of an expert consultant/consulting firm through a request for qualifications (RFQ) process.

**Justification:**

To align with the City of Glendale's Balanced Scorecard objective of "Improve Community Experience," the goal of the master plan is to define a vision and a set of strategic directions and actions to help guide the development of arts and culture resources and activities in Glendale for the next 10 years. The plan will also provide a guide on how best to connect these resources to advance the city's overarching social and economic goals.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2110 - ART COMMISSION FUND	\$100,000							\$100,000



# FY24-33 Drainage CIP Overview

- Funded by Flood Control G. O. Bonds (63%), Grants (29%) and General Fund (8%)
- Focus on Designing and Constructing Flood Control Drainage Improvements
  - Large project broken into stand alone packages to continue progress
- Work in coordination with internal and external partners
  - Maricopa County Flood Control District (MCFlood) – Maximizing matching funds
  - Arterial Reconstruction Program (Transportation)



# FY24-33 Drainage Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPDR19040	CAMELBACK ROAD, 51ST TO 58TH				\$3,474,000				\$3,474,000
CIPDR19078	83RD AVE, BETHANY HM TO CAMELBACK							\$3,443,000	\$3,443,000
CIPDR19079	59TH AVE & T-BIRD RD STORM DRAIN							\$2,179,000	\$2,179,000
CIPDR21019	DRAINAGE IMP. GLENN DR. 59TH-52ND			\$732,000	\$3,202,000				\$3,934,000
CIPDR21034	BETHANY HOME SD 43RD to 51ST AVE	\$3,111,842	\$7,422,750	\$7,279,750	\$1,024,000				\$18,838,342
CIPDR79004	LOCAL DRAINAGE PROBLEMS	\$124,210	\$482,000	\$241,000	\$241,000	\$241,000	\$241,000	\$1,200,000	\$2,770,210
<b>TOTAL</b>		<b>\$3,236,052</b>	<b>\$7,904,750</b>	<b>\$8,252,750</b>	<b>\$7,941,000</b>	<b>\$241,000</b>	<b>\$241,000</b>	<b>\$6,822,000</b>	<b>\$34,638,552</b>



# FY24-33 Drainage by Funding Source

Funding Source	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$95,964	\$482,000	\$241,000	\$241,000	\$241,000	\$241,000	\$1,200,000	<b>\$2,741,964</b>
2160 – OTHER GRANTS	\$808,612	\$3,625,000	\$3,840,565	\$1,810,000				<b>\$10,084,177</b>
4110 – FLOOD CONTROL G. O. BONDS	\$2,331,477	\$3,797,750	\$4,171,185	\$5,890,000			\$5,622,000	<b>\$21,812,412</b>
<b>TOTAL</b>	<b>\$3,236,052</b>	<b>\$7,904,750</b>	<b>\$8,252,750</b>	<b>\$7,941,000</b>	<b>\$241,000</b>	<b>\$241,000</b>	<b>\$6,822,000</b>	<b>\$34,638,552</b>



# Camelback Road Storm Drain 51<sup>st</sup> to 58<sup>th</sup> Avenue

**Project Number:** CIPDR19040

**Description:**

Installation of storm drain in Camelback Road from 51st to 58th Avenues. Project has been moved from FY25 to FY26.

**Justification:**

This project is identified in the Stormwater Management Plan (SMP).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4110 – FLOOD CONTROL G. O. BONDS				\$3,474,000				\$3,474,000



# 83<sup>rd</sup> Ave Storm Drain Bethany Home to Camelback Road

**Project Number: CIPDR19078**

**Description:**

Installation of storm drain in 83rd Avenue from Bethany Home Road to Camelback Road. This project is currently programmed to begin design in FY28.

**Justification:**

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District in July 2011.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4110 – FLOOD CONTROL G. O. BONDS							\$3,443,000	\$3,443,000





# 59<sup>th</sup> Ave & Thunderbird Road Storm Drain

**Project Number: CIPDR19079**

**Description:**

Project will construct a storm drain in 59th Avenue between the Thunderbird Road intersection and the Arizona Canal Drainage Channel. It is currently programmed to begin design in FY28.

**Justification:**

Project is identified in the Stormwater Management Plan (SMP) presented to the city and Flood Control District of Maricopa County in July 2011.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4110 – FLOOD CONTROL G. O. BONDS							\$2,179,000	\$2,179,000



# Drainage Improvements on Glenn Drive 59<sup>th</sup> Ave to 52<sup>nd</sup> Drive

**Project Number: CIPDR21019**

**Description:**

This project will install storm drainage in Glenn Drive from 59th Avenue to 52nd Avenue, to correct flooding in Glenn Drive, nearby alleys, and in Murphy Park.

**Justification:**

It is anticipated that project costs will be split between the City and the Maricopa County Flood Control District.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2160 – OTHER GRANTS			\$286,000	\$1,310,000				\$1,596,000
4110 – FLOOD CONTROL G. O. BONDS			\$446,000	\$1,892,000				\$2,338,000
<b>TOTAL</b>			<b>\$732,000</b>	<b>\$3,202,000</b>				<b>\$3,934,000</b>



# Bethany Home Storm Drain 43<sup>rd</sup> Ave to 51<sup>st</sup> Ave

**Project Number: CIPDR21034**

**Description:**

Design and construction of storm drainpipe, inlets, catch basins and other appurtenances in a ½ square mile area centered on Bethany Home Road between 43<sup>rd</sup> Ave. and 51<sup>st</sup> Ave. Design began in FY21.

**Justification:**

Project is identified in the Storm Water Master plan adopted by the city in 2011. Maricopa County Flood Control District has budgeted to contribute \$4.5 million toward completion of the project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2160 – OTHER GRANTS	\$780,365	\$3,625,000	\$3,554,565	\$500,000				\$8,459,930
4110 – FLOOD CONTROL G. O. BONDS	\$2,331,477	\$3,797,750	3,725,185	\$524,000				\$10,378,412
<b>TOTAL</b>	<b>\$3,111,842</b>	<b>\$7,422,750</b>	<b>\$7,279,750</b>	<b>\$1,024,000</b>				<b>\$18,838,342</b>



# Local Drainage Problems

**Project Number: CIPDR79004**

**Description:**

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

**Justification:**

Ongoing program addressing drainage issues in older neighborhoods and extends existing storm drain systems. The city will request grant contributions from Maricopa County Flood Control District.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$95,964	\$481,999	\$241,000	\$241,000	\$241,000	\$241,000	\$1,200,000	\$2,741,963
2160 – OTHER GRANTS	\$28,247							\$28,247
<b>TOTAL</b>	<b>\$124,211</b>	<b>\$481,999</b>	<b>\$241,000</b>	<b>\$241,000</b>	<b>\$241,000</b>	<b>\$241,000</b>	<b>\$1,200,000</b>	<b>\$2,770,210</b>



# FY24-33 Facility Maintenance CIP Overview

- Primarily Funded with General Fund (71%), Government Facility G. O. Bonds (11%), Cultural Facility G. O. Bonds (5%), ARPA Capital Projects (5%)
- Focus on:
  - Improving existing assets through programmatic replacements
    - Follow industry standard replacement cycles
  - Replacing existing assets as needed
  - Downtown Campus Reinvestment



# FY24-33 Facility Maintenance Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPFC19016	GLENDAL OPS CAMPUS FIELD STAFF BLD				\$2,297,236	\$6,500,000	\$3,415,157		\$12,212,393
CIPFC19037	UNDERGROUND STORAGE TANK REPLACEMENT	\$665,000	\$368,235						\$1,033,235
CIPFC19038	CITY HALL BUILDING REMODEL	\$7,474,610	\$27,280,675	\$27,561,350					\$62,316,635
CIPFC19061	ELECTRICAL SYSTEM RENEWAL	\$289,120	\$220,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$1,139,120
CIPFC19062	ELEVATOR SYSTEM RENEWAL	\$36,663	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000	\$686,663
CIPFC19063	FIRE PROTECTION RENEWAL		\$240,000	\$240,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$2,080,000
CIPFC19064	SECURITY CAMERA IMPROVEMENTS	\$739,989	\$1,230,763	\$1,440,778					\$3,411,530
CIPFC19065	PLUMBING SYSTEM RENEWAL	\$180,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,180,000
CIPFC19068	ROOFING SYSTEM RENEWAL	\$186,651	\$770,000	\$797,500	\$770,000	\$310,000	\$310,000	\$1,550,000	\$4,694,151



# FY24-33 Facility Maintenance Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPFC19071	HVAC REPAIR & REPLACEMENTS	\$710,000	\$600,000	\$475,000	\$290,000	\$100,000	\$500,000	\$2,500,000	\$5,175,000
CIPFC21037	CITY HALL 3RD FLOOR HVAC UNIT	\$24,529							\$24,529
CIPFC21048	CITY HALL 2ND FLOOR HVAC UNIT	\$18,875							\$18,875
CIPFC22084	ROOF REPAIR & REPLACEMENTS	\$379,323							\$379,323
CIPFC22086	CITY HALL PARKING GARAGE	\$1,152,157	\$750,000	\$838,650					\$2,740,807
CIPFC23028	FLEET SHOP EQUIPMENT REPLACEMENT	\$37,549	\$75,000						\$112,549
CIPFC23033	ADULT CENTER EAST RENOVATION	\$167,509							\$167,509
CIPFC23034	AIRPORT MATERIALS LAB RENOVATION	\$25,768							\$25,768
CIPFC23035	CIVIC CENTER ANNEX RENOVATION	\$419,788							\$419,788



# FY24-33 Facility Maintenance Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPFC23036	CIVIC CENTER BEAD MUSEUM RENOVATION	\$979,287							\$979,287
CIPFC23037	GRPSTC SECOND FLOOR RENOVATION	\$67,078							\$67,078
CIPFC23038	MEDIA CENTER RENOVATION	\$383,556							\$383,556
CIPFC23039	SINE BLDG 2ND FLOOR EAST RENOVATION	\$111,360							\$111,360
CIPFC23040	SINE BLDG 2ND FLOOR WEST RENOVATION	\$50,461							\$50,461
CIPFC23041	GLENDALE OPS CAMPUS RENOVATION				\$172,416	\$1,736,933	\$3,119,651		\$5,029,000
CIPFC23043	COUNCIL CHAMBERS	\$626,452	\$750,000	\$2,350,000					\$3,726,452
CIPFC23070	EXTERIOR BUILDING ENHANCEMENTS	\$146,067		\$800,000	\$1,300,000				\$2,246,067
CIPFC24044	CAR WASH REPLACEMENT		\$1,760,000						\$1,760,000





# FY24-33 Facility Maintenance Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPFC24045	SPRING CITY DEMOLITION			\$2,000,000					\$2,000,000
CIPFC24046	ADA PROGRAM		\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$4,000,000
CIPFC24047	INTERIOR REFRESH PROGRAM		\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000	\$7,500,000
CIPFC24048	RETRO COMMISSION. PROGRAM		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$750,000
CIPFC24049	CEMETERY IMPROVEMENTS		\$325,000	\$400,000	\$500,000	\$250,000	\$150,000		\$1,625,000
CIPFC24051	PERFORMANCE BASED CONTRACTS	\$12,123,383							\$12,123,383
CIPFC24052	PD EVIDENCE/OPS CAMPUS FIBER		\$545,000						\$545,000
CIPFC24053	SAHUARO RANCH PARK FIBER		\$475,000						\$475,000
CIPFC70800	BUILDING MAINT. RESERVE	\$1,072,149	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$9,000,000	\$19,072,149
CIPFC70801	CAMELBACK RANCH MAINT.	\$919,830	\$1,479,599	\$1,514,549	\$1,382,849	\$1,593,499	\$1,382,849	\$10,505,094	\$18,778,269
CIPPK77516	AMPHITHEATER RENOVATIONS	\$504,455	\$3,000,000	\$6,000,000					\$9,504,455
<b>TOTAL</b>		<b>17,368,226</b>	<b>\$55,182,655</b>	<b>\$47,677,827</b>	<b>\$10,172,501</b>	<b>\$13,950,432</b>	<b>\$12,337,657</b>	<b>\$31,855,094</b>	<b>\$188,544,392</b>



# FY24-33 Facility Maintenance by Funding Source

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL FUND CIP	\$6,704,223	\$38,959,242	\$37,731,393	\$7,702,849	\$5,713,499	\$5,802,849	\$31,855,094	\$134,469,149
4020-HURP CAPITAL PROJECTS	\$1,577	\$3,750						\$5,327
4030-TRANSPORTATION CAPITAL PROJECTS	\$2,606	\$297,833	\$333,333	\$350,156	\$1,817,158	\$1,377,225		\$4,178,311
4060-GOVERNMENT FACILITIES	\$3,036,059	\$10,168,247	\$11,972,074	\$1,343,065	\$2,085,574	\$1,607,441		\$30,212,460
4080-CULTURAL FACILITY	\$504,455	\$3,000,000	\$6,000,000					\$9,504,455
4610-ARPA CAPITAL PROJECTS	\$7,100,069	\$2,422,000						\$9,522,069
6020-WATER	\$2,936	\$299,333	\$333,333	\$411,052	\$2,174,945	\$1,684,181		\$4,905,780
6030-SEWER	\$1,198	\$2,250						\$3,448
6120-SOLID WASTE	\$15,103	\$30,000		\$365,379	\$2,159,256	\$1,865,961		\$4,435,699
<b>TOTAL</b>	<b>\$17,368,226</b>	<b>\$55,182,655</b>	<b>\$47,677,827</b>	<b>\$10,172,501</b>	<b>\$13,950,432</b>	<b>\$12,337,657</b>	<b>\$31,855,094</b>	<b>\$188,544,392</b>



# Glendale Ops Campus – Field Staff Building

**Project Number: CIPFC19016**

**Description:**

This project is for the design and construction of the field staff building located on the operations campus. The building will serve as the primary location for Water Services, Transportation, PFRSE, and Field Operations staff.

**Justification:**

Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 – TRANS. SALES TAX CIP				\$310,500	\$1,495,000	\$785,486		\$2,590,986
4060 – GOVT. FACILITIES G. O. BONDS				\$1,298,236	\$1,690,000	\$887,941		\$3,876,177
6020 – WATER FUND				\$364,500	\$1,755,000	\$922,093		\$3,041,593
6120 – SOLID WASTE FUND				\$323,999	\$1,560,000	\$819,637		\$2,703,636
<b>TOTAL</b>				\$2,297,235	\$6,500,000	\$3,415,157		\$12,212,392



# Underground Storage Tank Replacement

**Project Number: CIPFC19037**

**Description:**

This program is for replacement of aging below-ground double-walled vaulted fuel storage tanks located at the Operations Complex, as well as associated piping. The tanks are tested at regular intervals and are anticipated needing replacement in FY24.

**Justification:**

Fuel sites are essential for the continued operation of the City. All city departments use this fuel site, including Public Safety vehicles, Solid Waste trucks, Transit buses, Water Services vehicles etc.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4060 – GOVT. FACILITIES G. O. BONDS	\$665,000	\$368,235						\$1,033,235



# City Hall Building Remodel

**Project Number: CIPFC19038**

**Description:**

This project is to reinvest in the City Hall campus by creating an updated, modernized environment. The project will include a new exterior, rebuilding the interior floor by floor, and replacement of aged infrastructure.

**Justification:**

The existing City Hall building was constructed in approximately 1984. The building no longer effectively serve the needs of the organization and the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$1,249,407	\$16,408,663	\$25,120,232					\$42,778,302
4060 – GOVT. FACILITIES G. O. BONDS	\$562,025	\$9,050,012	\$2,441,118					\$12,053,155
4610 – ARPA CAPITAL PROJECTS	\$5,663,178	\$1,822,000						\$7,485,178
<b>TOTAL</b>	<b>\$7,474,610</b>	<b>\$27,280,675</b>	<b>\$27,561,350</b>					<b>\$62,316,635</b>



# Electrical System Renewal

**Project Number: CIPFC19061**

**Description:**

This program is to reinvest in the City's existing electrical systems (including generators), for demand, capacity, and life safety issues. Priorities will be based on experience with system conditions.

**Justification:**

Programmed repair/replacement of electrical systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$289,120	\$220,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$1,139,120



# Elevator System Renewal

**Project Number: CIPFC19062**

**Description:**

Program is to reinvest in the City's existing elevator systems for demand, capacity, & life safety issues. Study completed in FY 23, & internal Building assessments will identify priorities based on elevator system conditions & repair recommendations.

**Justification:**

Programmed repair/replacement of elevator systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$36,663	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000	\$686,663



# Fire Protection Renewal

**Project Number: CIPFC19063**

**Description:**

This program is to keep fire protection systems, identified as a Tier 1 Infrastructure, in good working order. Funding needed for a City-wide study, Main Public Safety Building replacement began in FY 23.

**Justification:**

Programmed repair/replacement of electrical systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$240,000	\$240,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$2,080,000





# Security Camera Improvements

**Project Number: CIPFC19064**

**Description:**

This project is to keep security camera systems, identified as a Tier 1 infrastructure, in good working order. Capital repairs are needed at multiple public safety buildings, City Hall, and buildings on the Glendale Operations Campus. Priorities are based upon building usage (Mission critical are highest tier for this component) and identified need.

**Justification:**

Programmatic repair/replacement of components of security systems will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community, aligning resources with the City's strategic priorities and the Building Asset Philosophy.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$739,989	\$1,230,763	\$1,440,778					\$3,411,530



# Plumbing System Renewal

**Project Number: CIPFC19065**

**Description:**

Program addresses existing plumbing systems for current state & capacity issues. Assessments will identify priorities based on conditions, repairs recommended, and needs based on water conservation. Main Public Safety Bldg replacement began in FY23

**Justification:**

Programmed repair/replacement of plumbing systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$180,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000		\$1,180,000



# Roofing System Renewal

**Project Number: CIPFC19068**

**Description:**

This project is to keep roofing systems, identified as a Tier 1 infrastructure, in good working order. Capital repairs are needed in multiple locations. Priorities are based on building usage and identified need.

**Justification:**

Programmed repair/replacement of roofing systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$186,651	\$770,000	\$797,500	\$770,000	\$310,000	\$310,000	\$1,550,000	\$4,694,151



# HVAC Repair/Replacements

**Project Number: CIPFC19071**

**Description:**

This project is to keep HVAC systems, identified as a Tier 1 infrastructure, in good working order. Capital repairs are needed at various locations. Priorities are based upon building usage and identified cost.

**Justification:**

Programmed maintenance of HVAC systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP			\$475,000	\$290,000	\$100,000	\$500,000	\$2,500,000	\$3,865,000
4610-ARPA CAPITAL PROJ	\$710,000	\$600,000						\$1,310,000
TOTAL	\$710,000	\$600,000	\$475,000	\$290,000	\$100,000	\$500,000	\$2,500,000	\$5,175,000



# City Hall 3rd Floor HVAC Unit

**Project Number:** CIPFC21037

**Description:**

This project will replace the air conditioner for the third floor of City Hall

**Justification:**

The air conditioner and associated mechanical equipment had a recent coolant leak, leaving the unit operating at half of its capacity. Replacement parts are no longer available.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$24,529							\$24,529



# City Hall 2nd Floor HVAC Unit

**Project Number:** CIPFC21048

**Description:**

This project will replace the air conditioner for the second floor of City Hall

**Justification:**

The HVAC unit for the second floor of City Hall has exceeded it's expected life cycle and has begun to fail.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$18,875							\$18,875



# Roof Repair / Replacements

**Project Number: CIPFC22084**

**Description:**

This project is to replace roof at various locations including the Glendale Operations Center Buildings A, B, F, N, O, P; Airport Maintenance Building; and Bead Museum.

**Justification:**

These roofs at mission critical locations need replacement to avoid structural damage.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4060 – GENERAL GOVT. G.O. BONDS	\$379,323							\$379,323



# City Hall Parking Garage

**Project Number:** CIPFC22086

**Description:**

This project is to complete critical structural repairs to the City Hall Parking Garage.

**Justification:**

The City Hall Parking Garage requires critical structural repairs to ensure continued safety and structural integrity.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4060 – GENERAL GOVT. G.O. BONDS	\$1,152,157	\$750,000	\$838,650					\$2,740,807





# Fleet Shop Equipment Replacement

**Project Number: CIPFC23028**

**Description:**

This project is to replace old and failing shop equipment used to service the city's vehicle fleet. Includes vehicle lifts, wheel aligner, plasma cutter & welder.

**Justification:**

Various pieces of equipment are in need of replacement. Having reliable shop equipment reduces downtime and outside contract maintenance costs.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL GOVT CAPITAL	\$14,129	\$28,500						\$42,629
4020-HURF CAPITAL PROJECTS	\$1,577	\$3,750						\$5,327
4030-TRANSPORTATION CAPITAL	\$2,606	\$4,500						\$7,106
6020-WATER	\$2,936	\$6,000						\$8,936
6030-SEWER	\$1,198	\$2,250						\$3,448
6120-SOLID WASTE	\$15,103	\$30,000						\$45,103
<b>TOTAL</b>	<b>\$37,549</b>	<b>\$75,000</b>						<b>\$112,549</b>



# Adult Center East Renovation

**Project Number: CIPFC23033**

**Description:**

Buildout of 6,000 sq. ft. of raw space at the City of Glendale Adult Center 2nd Floor to accommodate the temporary relocation of employees, including office/meeting space.

**Justification:**

The City Hall Project requires the building to be vacated during the construction phase. The Adult Center 2nd Floor allows the City of Glendale to move employees into a temporary space for the duration of the City Hall construction process.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$167,509							\$167,509



# Airport Materials Lab Renovation

**Project Number:** CIPFC23034

**Description:**

Demolition and Renovation of 2,400 sq. ft. of space at the Airport Materials Lab to accommodate the permanent move of Engineering Inspectors from City Hall.

**Justification:**

The City Hall Project requires reconsideration of what services should be relocated. The relocation of the Building Inspectors puts them closer to the bulk of the City's growth and their work on the West Side of the City.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$16,815							\$16,815
4610 – ARPA CAPITAL PROJECTS	\$8,953							\$8,953
TOTAL	\$25,768							\$25,768



# Civic Center Annex Renovation

**Project Number: CIPFC23035**

**Description:**

Renovation of 2,500 sq. ft space at the Civic Center Annex to accommodate temporary installation of the One Stop Shop. This includes the front facing setup required for customer service and office space for 37 One Stop Shop employees.

**Justification:**

The City Hall Project requires the building to be vacated during the construction phase. The One Stop Shop concept integrates all City of Glendale forward facing functions under one roof, temporarily, at the Civic Center Annex.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$384,288							\$384,288
4610 – ARPA CAPITAL PROJECTS	\$35,500							\$35,500
<b>TOTAL</b>	<b>\$419,788</b>							<b>\$419,788</b>



# Civic Center Bead Museum Renovation

**Project Number:** CIPFC23036

**Description:**

Buildout of 5,000 sq. ft. of raw space at the Civic Center Campus - Bead Museum to accommodate the temporary relocation of employees. This will include office/meeting space, HVAC, walls, ceilings, and flooring.

**Justification:**

The City Hall Project requires the building to be vacated during the construction phase. The Bead Museum allows the City of Glendale to move employees into a temporary space for the duration of the City Hall construction process.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$211,234							\$211,234
4060 – GENERAL GOVT. G. O. BONDS	\$277,553							\$277,553
4610 – ARPA CAPITAL PROJECTS	\$490,500							\$490,500
<b>TOTAL</b>	<b>\$979,287</b>							<b>\$979,287</b>



# GRPSTC Second Floor Renovation

**Project Number: CIPFC23037**

**Description:**

Demolition and Renovation of 1,650 sq. ft. of space on the GRPSTC 2nd Floor to accommodate the permanent move of Building Inspectors from City Hall

**Justification:**

The City Hall Project requires reconsideration of what services should be relocated in the City Hall Building. The relocation of Building Inspectors puts them closer to the bulk of the City's growth and their work on the West Side of the City.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$42,649							\$42,649
4610 – ARPA CAPITAL PROJECTS	\$24,429							\$24,429
<b>TOTAL</b>	<b>\$67,078</b>							<b>\$67,078</b>



# Media Center Renovation

**Project Number: CIPFC23038**

**Description:**

Renovation of 2,500 sq. ft. of space at the City of Glendale Media Center to accommodate the temporary relocation of the Executive and Elected officials (4th Floor). This renovation will include office space for 35 employees.

**Justification:**

The City Hall Project requires the building to be vacated during the construction phase. The Media Center allows the City of Glendale to move the 4th Floor functions to an executive suite office space that supports their front facing functions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$383,556							\$383,556



# Sine Building 2<sup>nd</sup> Floor East Renovation

**Project Number:** CIPFC23039

**Description:**

Completion of renovation of 4,000 sq. ft. of space at the East end of the 2nd Floor of the Sine Building to accommodate the permanent housing of the City Attorney's Department.

**Justification:**

The City Hall Project requires reconsideration of what services should be relocated. The relocation of 11 employees allows for a continuum of service with the City Attorney's Prosecutor & Code Enforcement, who will be located in Sine Building East.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$111,360							\$111,360





# Sine Building 2<sup>nd</sup> Floor West Renovation

**Project Number:** CIPFC23040

**Description:**

Renovation of 4,000 sq. ft. of space at the West end of the 2nd Floor of the Sine Building to accommodate the permanent housing of the Code Enforcement Department. This will include office space for 17 employees tied to the Code Enforcement functions.

**Justification:**

The City Hall Project requires reconsideration of what services should be relocated. The relocation of the 17 Code Enforcement Employees allows for a continuum of service with the City Attorney, who will be located in Sine Building 2nd Floor East.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CAPITAL	\$50,461							\$50,461



# Glendale Ops Campus Renovation

**Project Number: CIPFC23041**

**Description:**

This project is to renovate and demolish the existing buildings at the operations campus for adaptive re-use. Future phases from the current Master Plan such as paving, future fire resources, and carwash replacement are not included nor funded.

**Justification:**

Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 – TRANS. SALES TAX CAPITAL				\$172,416	\$322,158	\$591,739		\$1,086,313
4060 – GENERAL GOVT. G. O. BONDS				\$172,416	\$395,574	\$719,500		\$1,287,490
6020 – WATER FUND				\$172,416	\$419,945	\$762,088		\$1,354,449
6120 – SOLID WASTE FUND				\$172,416	\$599,256	\$1,046,324		\$1,817,996
<b>TOTAL</b>				<b>\$172,416</b>	<b>\$1,736,933</b>	<b>\$3,119,651</b>		<b>\$5,029,000</b>



# Council Chambers

**Project Number: CIPFC23043**

**Description:**

In addition to the exterior envelope upgrades to City Hall, the Council Chambers exterior will also be upgraded. Including roof replacement.

**Justification:**

The existing City Hall Campus was constructed in 1984. In order to better serve the community and organization, the City Council Chambers needs to be updated to match the esthetics of the City Hall Building.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$626,452	\$750,000	\$2,350,000					\$3,726,452



# Exterior Building Enhancements

**Project Number:** CIPFC23070

**Description:**

This program is to keep exterior aesthetics in line with our current asset philosophy. Buildings included will be prioritized based on need and location

**Justification:**

Programmed maintenance of forward-facing systems and components will protect public health and safety, reduce long term life cycle costs, and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$146,067	\$750,000	\$800,000	\$1,300,000				\$2,246,067



# Car Wash Replacement

**Project Number:**CIPFC24044

**Description:**

This project is repair and rebuild the specialized vehicle wash station on the operations campus.

**Justification:**

The existing facility is operating at about 20% of capacity and needs substantial investment.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 - GENERAL FUND CIP		\$1,1173,334						\$1,1173,334
4030 - TRANSPORTATION CAPITAL		\$293,333						\$293,333
6020 - WATER		\$293,333						\$293,333
TOTAL		\$1,760,000						\$1,760,000



# Spring City Demolition

**Project Number:**CIPFC24045

**Description:**

This building was planned obsolescence in 2004 and is beyond the point of maintenance and repair. This project is to remove hazardous substance and demolish the building.

**Justification:**

This promotes overall health and safety of city employees and removes a hazard.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 - GENERAL FUND CIP			\$1,333,334					\$1,333,334
4030 - TRANSPORTATION CAPITAL			\$333,333					\$333,333
6020 - WATER			\$333,333					\$333,333
TOTAL			\$2,000,000					\$2,000,000



# ADA Program

**Project Number:**CIPFC24046

**Description:**

This program is to ensure ADA compliance in buildings identified as a Tier 1 infrastructure. Capital repairs are needed at various locations. Priorities are based upon study prioritization, building usage and identified cost.

**Justification:**

Programmed repair/replacement of ADA components to ensure public access and safety and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$4,000,000



# Interior Refresh Program

**Project Number:**CIPFC24047

**Description:**

This program ensures City of Glendale's facilities are brought to a standard allowing for efficient delivery of service and comports with buildings identified as a Tier 1 infrastructure. Priorities are based upon building usage and identified cost.

**Justification:**

Programmed repair/replacement of systems furniture, flooring, ceiling, and acoustic components to ensure public access, health and safety and enable provision of service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000	\$7,500,000





# Retro Commission Programming

**Project Number:**CIPFC24048

**Description:**

This program is for the study of existing buildings. Studies will provide insight on correcting underperformance, improving environment and comfort, and optimizing efficiency in aging facilities.

**Justification:**

This program will look at HVAC, controls, IT, security, and building management systems. It will optimize how these systems will work together.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$750,000



# Cemetery Improvements

**Project Number:**CIPFC24049

**Description:**

Project is to address items at the Glendale Memorial Cemetery needing repair/replacement. Items identified are to demo the fountain and install a new waterless feature, refurbish the irrigation, repair/add fencing, and purchase a new Columbarium.

**Justification:**

Fountain removal will assist w/water conservation as will refurbishing the irrigation. Repairing/adding new fencing will enhance aesthetics & security of the Cemetery. A new Columbarium will allow continued revenue while offering options to our citizens.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$325,000	\$400,000	\$500,000	\$250,000	\$150,000		\$1,625,000



# Performance Based Contracts

**Project Number:**CIPFC24051

**Description:**

Performance contracting can be used to consolidate projects in order to leverage energy saving to pay for equipment replacement over a predetermined amount of time. This is more critical as inflation is a major topic and utility cost continue to rise

**Justification:**

Energy cost are going up by 5-13% next year. We have equipment that uses large amounts of energy that needs to be replaced. Programs like this help energy cost in these areas do down & we get new, energy efficient, reliable equipment.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$12,123,383						\$12,123,383



# PD Evidence/Ops Campus Fiber

**Project Number:**CIPFC24052

**Description:**

Install fiber for the Police Evidence Storage Facility and Glendale Operations Campus

**Justification:**

The current sites are void of fiber. This project will ensure that all newly constructed City facilities have access to the City's fiber network.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$545,000						\$545,000



# Sahuaro Ranch Park Fiber

**Project Number:**CIPFC24053

**Description:**

Bring fiber to Sahuaro Ranch Park

**Justification:**

The current site is void of fiber. This project will ensure all newly constructed City facilities have access to the City's own fiber network.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP		\$475,000						\$475,000



# Building Maintenance Reserve

**Project Number:**CIPFC70800

**Description:**

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

**Justification:**

Repairing buildings will align resources with the City's strategic priorities including- reducing long term life cycle costs, protecting public health and safety, and improving service delivery to the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$1,072,149	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$9,000,000	<b>\$19,072,149</b>



# Camelback Ranch Maintenance Reserve

**Project Number: CIPFC70801**

**Description:**

This project funds the capital repair and or replacement of contractually required components and systems such as HVAC, plumbing, electrical, roofing, interiors, elevators, and other building systems. Glendale's Camelback Ranch is a premier public facility.

**Justification:**

Programmatic replacement of capital systems and components of the complex will reduce overall lifecycle costs while aligning resources with the City's strategic priorities and the Building Asset Philosophy.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$919,830	\$1,479,599	\$1,514,549	\$1,382,849	\$1,593,499	\$1,382,849	\$10,505,094	\$18,778,269



# Capital Repair – Arena

**Project Number: CIPPK70803**

**Description:**

This project funds the capital repair and or replacement of required components and systems such as HVAC, plumbing, electrical, roofing, interiors, elevators, and other building systems. Glendale’s Desert Diamond Arena is a premier public facility.

**Justification:**

Programmatic replacement of capital systems and components of the complex will reduce overall lifecycle costs while aligning resources with the City's strategic priorities and the Building Asset Philosophy.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$531,493	\$1,391,121	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$6,422,614





# Amphitheater Renovations

**Project Number: CIPPK77516**

**Description:**

Renovations of the E Lowell Rogers Amphitheater at City Hall. Design and construction is slated for FY26. Construction includes renovation of basement of Council Chambers. O&M does not include personnel or maintenance of audio-visual equip.

**Justification:**

The Amphitheater does not adequately serve as a performance venue. Much of the equipment & systems are in poor condition & must be replaced. The public experience is poor & does not meet modern accessibility standards.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4080 – CULTURAL FACILITY G. O. BONDS	\$504,455	\$3,000,000	\$6,000,000					\$9,504,455



# FY24-33 Landfill CIP Overview

- Funding Source: Enterprise – User Fee Revenues
- Focus On Programmed Vehicle Replacements
  - Follow industry standard replacement cycles
- North Cell Landfill Project
  - North Cell Phased Construction
  - North Cell Liner Installation
  - Landfill Gas Extraction System
  - Stormwater Controls



# FY24-33 Landfill Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPLF19019	LANDFILL COMPACTOR REPLACEMENT		100,000	110,000	850,000	900,000		3,642,000	5,602,000
CIPLF19024	BULLDOZER REPLACEMENT & REBUILDS		687,000	120,000	156,000	90,000		4,227,000	5,280,000
CIPLF19025	NORTH CELL LINER	19,894		2,803,000					2,822,894
CIPLF19091	LANDFILL SCRAPER REPLACEMENT							1,305,060	1,305,060
CIPLF20009	CLOSED LANDFILL	30,995							30,995
CIPFL21029	LANDFILL GPS SYSTEM EQUIPMENT	50,000							50,000
CIPLF21030	CLOSED LANDFILLS	898,091	300,000	104,500	109,300	115,000	119,500	445,500	2,091,891
CIPLF22005	MRF IMPROVEMENTS	555,000	500,000						1,055,000
CIPLF22006	SITE PAVING AND MARKINGS		471,600	243,400				271,400	986,400
CIPLF78503	LANDFILL CLOSURE SOUTH	514,311					640,000		1,154,311
CIPLF78505	LF NORTH CELL PHASED CONSTRUCTION	186,473	2,937,200		101,000		5,010,600		8,235,273



# FY24-33 Landfill Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPLF78506	LANDFILL 4x4 REPLACEMENT TRUCKS				430,000				<b>430,000</b>
CIPLF78514	SOLID WASTE INSPECTION TRUCKS	10,061					418,000		<b>428,061</b>
CIPLF78522	LANDFILL WATER PULL/TRUCK			60,000		211,000		1,420,000	<b>1,691,000</b>
CIPLF78532	AUXILIARY EQUIPMENT	537,783	570,000	400,000	40,000				<b>1,547,783</b>
CIPLF78534	STORMWATER CONTROLS	118,187	842,630	392,305	472,149	556,261	327,699		<b>2,709,231</b>
CIPLF78535	LANDFILL GAS EXTRACTION SYSTEM	607,692	533,157	525,000	685,248	635,212	550,000		<b>3,536,309</b>
<b>TOTAL</b>		<b>3,528,486</b>	<b>6,941,587</b>	<b>4,758,205</b>	<b>2,843,697</b>	<b>2,507,473</b>	<b>7,065,799</b>	<b>11,310,960</b>	<b>38,956,207</b>



# FY24-33 Landfill by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110	LANDFILL	3,528,486	6,941,587	4,758,205	2,843,697	2,507,473	7,065,799	11,310,960	38,956,207
<b>TOTAL</b>		<b>3,528,486</b>	<b>6,941,587</b>	<b>4,758,205</b>	<b>2,843,697</b>	<b>2,507,473</b>	<b>7,065,799</b>	<b>11,310,960</b>	<b>38,956,207</b>



# Landfill Compactor Replacement

**Project Number: CIPLF19019**

**Description:**

Project funds for rebuild or replacement of 2 landfill compactors and wheels on a 5yr, 10,000 hr schedule. Plan:FY24 -Y09 wheel resurface & tip replacement, FY25 -Y10 wheel resurface & tip replacement, FY26 -Y09 power train rebuild, FY27 -Y10 power train rebuild..

**Justification:**

Compactors are used daily for proper waste placement & to optimize cover materials. Our compactors are outfitted with GPS systems, in order to maximize landfill compaction, improve safety, manage airspace & provide compliance.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND		\$100,000	\$110,000	\$850,000	\$900,000		\$3,642,000	\$5,602,000



# Bulldozer Replacements and Rebuilds

**Project Number: CIPLF19024**

**Description:**

Project funds rebuild or replace of the 4 landfill bulldozers. Plan:FY24 -rebuild D-8, FY25-rebuild D9 under carriage and tracks, FY26-rebuild D6 & D8 under carriage and tracks, FY27-rebuild D8 under carriage and tracks, FY29-33-new D9, D6 & D8

**Justification:**

The landfill has four (4) bulldozers that are used for a multitude of necessary landfill applications and establishing various haul roads for accessibility. Bulldozers maximize landfill operation efficiency and to meet regulatory permit requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND		\$687,000	\$120,000	\$156,000	\$90,000		\$4,227,000	\$5,280,000



# North Cell Liner

**Project Number: CIPLF19025**

**Description:**

Project is for design & construction of the liner for North Cell at the Landfill in accordance with our ADEQ approved permit & design plan.

**Justification:**

This liner provides a protective barrier to prevent potential groundwater contamination and is a permit requirement with the Arizona Department of Environmental Quality.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$19,894		\$2,803,000					\$2,822,894





# Landfill Scraper Replacement

**Project Number: CIPLF19091**

**Description:**

This project provides for the rebuild and or replacement of the landfill scraper. A replacement is scheduled in FY25 based on usage and estimated life of the scraper, which is evaluated annually. Updated costs include current quotes and inflation.

**Justification:**

The scraper is an essential piece of support equipment that excavates, transports, and stockpiles soil used for covering waste disposed of at the landfill. The scraper effectively enables the City to meet the regulatory requirements of its permit.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND							\$1,305,060	\$1,305,060



# Closed Landfill

**Project Number: CIPLF20009**

**Description:**

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

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$30,995							\$30,995



# Landfill GPS System Equipment

**Project Number: CIPLF21029**

**Description:**

GPS systems are utilized on the landfill equipment to assist the operators in developing the landfill per engineering designs and ADEQ approved plans. The units are currently installed in two (2) compactors and the D6 dozer.

**Justification:**

The GPS equipment is critical for managing airspace efficiencies, building access roads, and operator safety.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$50,000							\$50,000



# Closed Landfills

**Project Number: CIPLF21030**

**Description:**

This project funds closed landfills that require ongoing maintenance including; grading, drainage, fencing, landscaping, and gas mgmt. Funding is for work at the closed landfill sites located at 103rd Ave., 99th and Olive, and Butler Drive.

**Justification:**

Closed landfills require maintenance from time to time. Improvements can include grading, drainage, fencing, landscaping, and gas management.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$898,091	\$300,000	\$104,500	\$109,300	\$115,000	\$119,500	\$445,500	\$2,091,891



# MRF Improvements

**Project Number: CIPLF22005**

**Description:**

The Materials Recovery Facility opened in 2000. The facility will undergo a slight modification to existing footprint to facilitate offsite transportation of recyclable materials.

**Justification:**

Existing facility and infrastructure need to be remodeled in order to utilize space for current recycle processing and transportation needs.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$555,000	\$500,000						\$1,055,000



# Site Paving and Markings

**Project Number: CIPLF22006**

**Description:**

This project funds the Landfill site paving and markings to paved surfaces. FY24 - paving on the MRF haul road. FY25 - slurry is to be applied to the main entrance road along with all paved areas at the Landfill, markings will be re-applied as well.

**Justification:**

The Transportation Department recommends paved surfaces be maintained on a prescribed schedule. The entrance and roads should be repaired by performing a micro-seal approximately every 7 years.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND		\$471,600	\$243,400				\$271,400	\$986,400



# Landfill Closure South

**Project Number: CIPLF78503**

**Description:**

Project provides for closure of the south area of the landfill (LF) as its permitted air space nears capacity. Closure of the south area will be ongoing as the north cell is developed.

**Justification:**

Req'd by landfill operating permit w/a final cover system to include: a vegetative layer/compacted soil layer/gas wells & storm water control. Annual slope stability/stormwater retention/erosion control are required to maintain regulatory compliance.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$514,311					\$640,000		\$1,154,311



# Landfill North Cell Phased Construction

**Project Number: CIPLF78505**

**Description:**

This project is for soil excavation and stockpiling for the North Cell phased construction at the Glendale Municipal Landfill (LF) in accordance with the ADEQ permit and approved design.

**Justification:**

Activity includes stockpiling dirt as required for construction of the North Cell and operation of the South Cell, haul roads, and embankments until final closure, mandated per regulatory agency requirements for continued development of the Landfill.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$186,473	\$2,937,200		\$101,000		\$5,010,600		\$8,235,273





# Landfill 4x4 Replacement Trucks

**Project Number: CIPLF78506**

**Description:**

Funding for replacement of trucks used by landfill staff to monitor ops & perform regulatory inspections; to include: FY23-(1) field truck; FY26-(5) trucks total, incl. 3 Field Sup vehicles, 1 mechanic service truck, and 1 flat bed with tommy lift.

**Justification:**

Trucks are critical to transport staff to locations throughout the LF to ensure operations and regulatory compliance is met. Conditions of the landfill require the truck fleet to be replaced at approximately seven to ten years.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND				\$430,000				\$430,000



# Solid Waste Inspection Trucks

**Project Number: CIPLF78514**

**Description:**

This funding provides for replacement of trucks in the Recycling Division. Currently, there are 7 half-ton extended cab pick-up trucks with lift gates in the SW Management fleet. Truck replacement plan: FY23-(1); FY28-32-(6).

**Justification:**

Trucks enable inspectors to provide quality control by education and mandated inspections of solid waste containers in accordance with city/state/county requirements in order to have a refuse variance of collection.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$10,061					\$418,000		\$428,061



# Landfill Water Pull/Truck

**Project Number: CIPLF78522**

**Description:**

This project funds tank refurbishing, pump rebuilds and unit replacements. FY25 - V10 refurbish tank and replace worn spray components, FY27- replacement of (1) secondary, 5,000-gallon water truck; FY31 - (1) large primary water pull truck V10.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND			\$60,000		\$211,000		\$1,420,000	\$1,691,000



# Auxiliary Equipment

**Project Number: CIPLF78532**

**Description:**

Funds replacement of LF aux equip including light towers, air compressors, skid steers, loaders, lube trailer & other units. FY24-vactor, trash pump, skid steer, litter control sleds; FY25 - replace MRF loader K05, FY26- one landfill forklift.

**Justification:**

The identified equipment has met or exceeded its serviceable life or is not economical to rebuild. This equipment assists in maintaining critical functions required to maintain LF operations to meet regulatory permit requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$537,783	\$570,000	\$400,000	\$40,000				\$1,547,783



# Stormwater Controls

**Project Number: CIPLF78534**

**Description:**

Project funds stormwater controls including berms, culvert down drains, & channels required on the LF footprint as per the approved plans and permits. FY24 design & construction of additional drainage basins to support storm water needs of north cell.

**Justification:**

Construction of stormwater controls is mandated by the landfill's regulatory permit with Arizona Department of Environmental Quality (ADEQ).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$118,187	\$842,630	\$392,305	\$472,149	\$556,261	\$327,699		\$2,709,231



# Landfill Gas Extraction System

**Project Number: CIPLF78535**

**Description:**

Modifications to the Gas Extraction System includes vertical wellheads, new laterals and horizontal collectors. These items are required to collect landfill gas created from placement of trash.

**Justification:**

As waste is placed and buried it is critical for the LGES to be expanded and modified. These modifications and improvements to the LGES are required to capture the methane and meet the regulatory permit requirements for the landfill.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6110 - LANDFILL FUND	\$607,692	\$533,157	\$525,000	\$685,248	\$635,212	\$550,000		\$3,536,309



# FY24-33 Library CIP Overview

- Funded by Library G. O. Bonds (99.9%) and Library DIF (<1%)
- Focus on:
  - Improving existing facilities
    - Follow industry standard replacement cycles
  - Replacing existing assets as needed



# FY24-33 Library Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPLB19045	VELMA TEAGUE LIBRARY RENOVATION						\$6,210,000		\$6,210,000
CIPLB19046	MAIN LIBRARY RENOVATION	\$1,308,017	\$1,075,715	\$5,531,272	\$5,622,996				\$13,538,000
CIPLB19066	FOOTHILLS LIBRARY RENOVATION	\$225,000			\$716,565	\$3,252,372	\$4,970,029		\$9,163,966
CIPLB22088	YUCCA DISTRICT MEETING SPACE STUDY	\$13,106							\$13,106
CIPLB23029	HEROES PARK LIBRARY COMMUNITY ROOM	\$948,649	\$751,351						\$1,700,000
<b>TOTAL</b>									<b>\$30,625,072</b>





# FY24-33 Library by Funding Source

<b>Funding Source</b>	<b>EST CARRYOVER</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>	<b>FY27</b>	<b>FY28</b>	<b>FY29-33</b>	<b>TOTAL</b>
4100-Library Construction	\$2,481,666	\$1,827,066	\$5,531,272	\$6,339,561	\$3,252,372	\$11,180,029		<b>\$30,611,966</b>
4284-2019-DIF Libraries	\$13,106							<b>\$13,106</b>
<b>TOTAL</b>	<b>\$2,494,772</b>	<b>\$1,827,066</b>	<b>\$5,531,272</b>	<b>\$6,339,561</b>	<b>\$3,252,372</b>	<b>\$11,180,029</b>		<b>\$30,625,072</b>



# Velma Teague Library Renovation

**Project Number:** CIPLB19045

**Description:**

Library renovation of electrical, plumbing, interior, exterior, HVAC, roof gutters, and improve functionality. Facility conditional assessment and study will refine the project and prioritize needs.

**Justification:**

This library needs renovation to better service the needs of the community. It is anticipated that the assessment will indicate substantial building infrastructure needs. This project will help establish libraries of the future.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4100 – LIBRARY G. O. BONDS						\$6,210,000		\$6,210,000



# Main Library Renovation

**Project Number:** CIPLB19046

**Description:**

This project is to renew all building systems, including interior renewal and functional remodeling, roofing, HVAC, ADA, and plumbing. Equipment and technology updates are also included.

**Justification:**

The library was built in 1987. This project is necessary to extend the life of the structure, to improve library services, community experience, and the lives of the people we serve. This project will help establish libraries of the future.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4100 – LIBRARY G. O. BONDS	\$1,308,017	\$1,075,715	\$5,531,272	\$5,622,996				\$13,538,000



# Foothills Library Renovation

**Project Number:** CIPLB19066

**Description:**

Renovation and updating of Foothills Library to major building systems, modernization of the functions, technology, and equipment. Cost will be refined as assessment is conducted.

**Justification:**

The library was built in 1999. This project is necessary to extend the life of the structure, to improve library services, community experience, and the lives of the people we serve. This project will help establish libraries of the future.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4100 – LIBRARY G. O. BONDS	\$225,000			\$716,565	\$3,252,372	\$4,970,029		\$9,163,966



# Yucca District Meeting Space Study

**Project Number:** CIPLB22088

**Description:**

Study to assess current meeting space in Yucca district, to determine if additional space is needed to meet community needs.

**Justification:**

Meeting space in Yucca district is limited. Study will determine if additional space needs to be added to Heroes Regional Park Library or other designated location.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4284 – 2019 LIBRARY DIF	\$13,106							\$13,106



# Heroes Park Library Community Room

**Project Number:** CIPLB23029

**Description:**

New community room expansion, with flexible seating that accommodates approximately 75 seats. The addition is planned to be on the north side of the existing 7,515 sq. ft. library, allowing for future expansion of the library.

**Justification:**

Library was planned for expansion due to frequent use of limited meeting space and demand for larger groups. This project funds meeting room space per study.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4100 – LIBRARY G. O. BONDS	\$948,649	751,351						\$1,700,000



# FY24-33 Parking Lots CIP Overview

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- Funded by General Fund (100%)
- Annual funding for parking lot / garage repairs



# FY24-33 Parking Lots Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPL19059	RENEW PARKING GARAGES/LOTS		575,000	200,000	200,000	200,000	200,000	1,000,000	2,375,000
<b>TOTAL</b>			<b>575,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>2,375,000</b>





# FY24-33 Parking Lots by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080	GENERAL FUND CIP		575,000	200,000	200,000	200,000	200,000	1,000,000	2,375,000
<b>TOTAL</b>			<b>575,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>2,375,000</b>



# Renew Parking Garages / Lots

**Project Number: CIPPL19059**

**Description:**

Project is to repair existing parking garages & parking lots across the city. Business-critical building lots & garages are highest priority. FY24 funding for asphalt repair, crack seal & seal coating for lots at the Airport and Bonsall Park.

**Justification:**

Programmatic repair/renewal of parking lots will reduce long term life cycle costs, reduce safety concerns, improve the city's brand/image and enable provision of service delivery to the community, aligning resources with the City's strategic priorities and the Building Asset Philosophy.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 - GENERAL FUND CIP		\$575,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$2,375,000



# FY24-33 Parks CIP Overview

- Funded by Parks G. O. Bonds (68%), Open Space/Trail G. O. Bonds (18%), ARPA (13%), General Fund (>1%) DIF (>1%) and Cultural Facility G. O. Bonds (>1%)
- Focus on Improving Infrastructure of Existing Parks, and Select New Improvements
- Emphasis on Lighting and Irrigation Upgrades, and Replacement of Playground Equipment



# FY24-33 Parks Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK19032	PARK GROUND AND IRRIGATION	\$11,459							\$11,459
CIPPK19034	PARK INFRASTRUCTURE IMPROVEMENTS			\$4,550,000	\$7,840,000	\$5,600,000			\$17,990,000
CIPPK19036	HEROES REGIONAL PARK LAKE	\$737,645							\$737,645
CIPPK19077	THUNDERBIRD CONSV. PARK IMPS	\$4,875,105						\$6,629,200	\$11,504,305
CIPPK21033	HEROES REGIONAL PARK BUILD OUT	\$425,580						\$46,400,000	\$46,825,580
CIPPK21038	COMMUNITY CENTER UPGRADES	\$321,532							\$321,532
CIPPK21039	FRAC UPGRADES	\$63,936							\$63,936
CIPPK21042	PARK RESTROOM REPLACEMENT						\$700,000		\$700,000



# FY24-33 Parks Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK21054	PLAYGROUND EQUIP. AT FOOTHILLS PARK	\$28,651							\$28,651
CIPPK22007	ROSE LANE PARK IMPROVEMENTS	\$1,583,871							\$1,583,871
CIPPK22008	BONSALL PARK IMPROVEMENTS	\$375,418	\$879,000						\$1,254,418
CIPPK22009	ACOMA PARK IMPROVEMENTS	\$276,169	\$139,900						\$416,069
CIPPK22010	MONDO PARK IMPROVEMENTS	\$123,119	\$15,400						\$138,519
CIPPK22011	MARY SILVA PARK IMPROVEMENTS		\$115,985						\$115,985
CIPPK22013	HERITAGE PARK IMPROVEMENTS	\$10,000	\$14,920						\$24,920
CIPPK22014	HILLCREST PARK IMPROVEMENTS	\$45,500							\$45,500
CIPPK22015	NEW WORLD PARK IMPROVEMENTS	\$28,651							\$28,651



# FY24-33 Parks Projects

PROJECT	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK22016	MISSION PARK IMPROVEMENTS		\$576,112	\$125,000					\$701,112
CIPPK22017	O'NEIL PARK IMPROVEMENTS	\$4,251							\$4,251
CIPPK22018	MONTARA PARK IMPROVEMENTS		\$299,750						\$299,750
CIPPK22019	CARMEL PARK IMPROVEMENTS	\$90,907	\$281,580						\$372,487
CIPPK22020	DELICIAS PARK IMPROVEMENTS	\$171,949	\$20,000						\$191,949
CIPPK22021	LIONS PARK IMPROVEMENTS			\$46,710					\$46,710
CIPPK22022	COUNTRY GABLES PARK IMPROVEMENTS			\$62,328					\$62,328
CIPPK22023	SUNNYSIDE PARK IMPROVEMENTS	\$2,143		\$434,720					\$436,863
CIPPK22024	TARRINGTON RANCH PARK IMPROVEMENTS			\$278,230					\$278,230
CIPPK22025	FOOTHILLS PARK IMPROVEMENTS			\$841,645					\$841,645



# FY24-33 Parks Projects

PROJECT	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK22026	NORTHERN HORIZON PARK IMPROV.				\$766,520				\$766,520
CIPPK22027	MYRTLE PARK IMPROVEMENTS	\$39,500			\$47,870				\$87,370
CIPPK22028	CLAVELITO PARK IMPROVEMENTS	\$5,749			\$144,260				\$150,009
CIPPK22029	BUTLER PARK IMPROVEMENTS				\$342,940				\$342,940
CIPPK22030	CHOLLA PARK IMPROVEMENTS				\$344,900				\$344,900
CIPPK22031	SIERRA VERDE PARK IMPROV.				\$391,860				\$391,860
CIPPK22032	SKUNK CREEK LINEAR TRAIL			\$1,000,000					\$1,000,000
CIPPK22033	GRAND CANAL LINEAR PARK IMPROV.	\$1,000,000	\$4,000,000						\$5,000,000
CIPPK22034	THUNDERBIRD PASEO IMPROV.		\$1,000,000	\$4,125,000					\$5,125,000
CIPPK22035	MID-CITY SPLASH PAD	\$3,128							\$3,128



# FY24-33 Parks Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK22036	NEW RIVER TRAIL IMPROVEMENTS		\$552,489						\$552,489
CIPPK22093	SAHUARO RANCH DRAINAGE/GRADING	\$4,393							\$4,393
CIPPK22096	SAHUARO RANCH SPLASH PAD	\$1,500,000							\$1,500,000
CIPPK22097	SIERRA VERDE SPLASH PAD	\$1,494,750							\$1,494,750
CIPPK22098	SMALL SPLASH PAD A	\$500,000							\$500,000
CIPPK22099	SMALL SPLASH PAD B	\$500,000							\$500,000
CIPPK22100	SMALL SPLASH PAD C	\$500,000							\$500,000
CIPPK22101	HEROES REGIONAL PARK BALLFIELDS	\$7,476,400							\$7,476,400
CIPPK22102	HEROES REGIONAL PARK SPLASH PAD	\$500,000							\$500,000
CIPPK22103	SYCAMORE GROVE SPLASH PAD	\$200,000							\$200,000
CIPPK22104	75TH / CAMELBACK SPLASH PAD	\$100,000							\$100,000





# FY24-33 Parks Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK22111	BONSALL NORTH PARK IRRIGATION	\$697,000							\$697,000
CIPPK22112	SUNSET PALMS PARK IRRIGATION	\$697,000							\$697,000
CIPPK22113	HILLCREST PARK IRRIGATION	\$697,000							\$697,000
CIPPK22117	GLENDALE COMMUNITY CENTER FIBER	\$170,784							\$170,784
CIPPK22118	O'NEIL RECREATION CENTER FIBER	\$187,789							\$187,789
CIPPK22119	ROSE LANE RECREATION CENTER FIBER	\$355,806							\$355,806
CIPPK23004	PLAZA ROSA PARK IMPROVEMENTS					\$143,699			\$143,699
CIPPK23005	KINGS PARK IMPROVEMENTS					\$716,900			\$716,900
CIPPK23006	DESERT VALLEY PARK IMPROVEMENTS					\$887,400			\$887,400
CIPPK23007	DESERT ROSE PARK IMPROVEMENTS					\$856,700			\$856,700
CIPPK23024	SANDS PARK IMPROVEMENTS	\$57,300		\$145,000					\$202,300



# FY24-33 Parks Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK23026	PASEO SPORTS COMPLEX						\$1,515,000		\$1,515,000
CIPPK23027	CHAPPARAL PARK IMPROVEMENTS			\$1,121,722					\$1,121,722
CIPPK23044	MURPHY PARK	\$63,898	\$500,000	\$3,502,089					\$4,065,987
CIPPK23059	BICENTENNIAL PARK PLAYGROUND	\$150,000							\$150,000
CIPPK23065	DESERT MIRAGE PARK IRRIGATION	\$458,211							\$458,211
CIPPK23066	DISCOVERY PARK IRRIGATION	\$339,210							\$339,210
CIPPK23067	NEW WORLD PARK IRRIGATION	\$697,000							\$697,000



# FY24-33 Parks Projects

PROJECT	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK23026	PASEO SPORTS COMPLEX						\$1,515,000		\$1,515,000
CIPPK23027	CHAPPARAL PARK IMPROVEMENTS			\$1,121,722					\$1,121,722
CIPPK23044	MURPHY PARK	\$63,898	\$500,000	\$3,502,089					\$4,065,987
CIPPK23059	BICENTENNIAL PARK PLAYGROUND	\$150,000							\$150,000
CIPPK23065	DESERT MIRAGE PARK IRRIGATION	\$458,211							\$458,211
CIPPK23066	DISCOVERY PARK IRRIGATION	\$339,210							\$339,210
CIPPK23067	NEW WORLD PARK IRRIGATION	\$697,000							\$697,000



# FY24-33 Parks Projects

PROJECT	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPK24001	NEW WORLD PARK IRRIGATION		\$80,000	\$360,000			\$760,000		\$1,200,000
CIPPK24002	ADA UPGRADES		\$450,000						\$450,000
CIPPK24003	PARKING LOT IMPROVEMENTS						\$700,000		\$700,000
CIPPK73576	FOOTHILLS PARK PICKLEBALL COURTS	\$11,711							\$11,711
<b>TOTAL</b>		<b>\$27,553,864</b>	<b>\$10,166,937</b>	<b>\$16,592,444</b>	<b>\$9,878,350</b>	<b>\$8,204,699</b>	<b>\$3,675,000</b>	<b>\$53,029,200</b>	<b>\$129,100,494</b>



# FY24-33 Parks by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-32	TOTAL
1080	GENERAL FUND CIP	\$414,118							\$414,118
4050	PARKS G. O. BONDS	\$3,974,031	\$4,614,448	\$11,467,444	\$9,878,350	\$8,204,699	\$3,675,000	\$46,400,000	\$88,213,972
4080	CULTURAL FACILITY G. O. BONDS	\$4,393							\$4,393
4090	OPEN SPACE/TRAIL G. O. BONDS	\$5,875,105	\$5,000,000	\$5,125,000				\$6,629,200	\$22,629,305
4325	2014 PARKS & REC DIF	\$11,711	\$552,489						\$564,200
4365	2012 PARKS & REC DIF	\$3,128							\$3,128
4610	ARPA CAPITAL PROJECTS	\$17,271,379							\$17,271,379
<b>TOTAL</b>		<b>\$27,553,864</b>	<b>\$10,166,937</b>	<b>\$16,592,444</b>	<b>\$9,878,350</b>	<b>\$8,204,699</b>	<b>\$3,675,000</b>	<b>\$53,029,200</b>	<b>\$129,100,494</b>



# Park Ground and Irrigation

**Project Number:** CIPPK19032

**Description:**

Project study has been completed. Future phases are for replacing aging irrigation in selected parks. Items could include controllers, valves, main line and lateral pipe, spray head, drip and rain/flow sensors. The system will be operated with Bluetooth and satellite based technology.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY 29-33	TOTAL
4050 – PARKS G. O. BONDS	\$11,459							\$11,459



# Park Infrastructure Improvements

**Project Number:** CIPPK19034

**Description:**

This project addresses the needs in park infrastructure improvements by renovating up to two thirds of the parks not currently covered in the CIP. Projects to include replacing Historic Building roofs at Sahuaro Ranch and ADA improvements.

**Justification:**

As improvements are made and tracked in assets management future lifecycle cost and replacement decisions can be made, funding in a future bond program would be needed for this.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$4,550,000	\$7,840,000	\$5,600,000			\$17,990,000



# Heroes Park Regional Lake

**Project Number:** CIPPK19036

**Description:**

This project is for the construction of an urban lake at Heroes Regional Park. The originally approved concept is for an urban lake sized to provide the necessary pumping and irrigation system needs for the proposed turf and landscaping throughout the park and provide storage capacity. The lake would be part of the Urban Fishing Program. An analysis of current lake requirements is underway to determine phasing the design and construction.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$737,645							\$737,645





# Thunderbird Consv. Park Imps

**Project Number:** CIPPK19077

**Description:**

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

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4090 – OPEN SPACE / TRAIL G. O. BONDS	\$4,875,105						\$6,629,200	\$11,504,305



# Heroes Regional Park Buildout

**Project Number:** CIPPK21033

**Description:**

This project is for the build out of the remaining amenities at Heroes Regional Park per the previously approved design concept plan to include recreation and aquatics center, lighted soccer and baseball/softball fields, turf and irrigation system, parking, walkways, fencing, security lighting and related park amenities.

**Justification:**

This project is for the completion of the improvements at Heroes Regional Park per the originally approved 2005 design Concept Report.

FUND	CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$425,580						\$46,400,000	\$46,825,580



# Community Center Upgrades

**Project Number:** CIPPK21038

**Description:**

This project will provide repairs and replacement of critical components at the three Community Centers: Glendale, Rose Lane, and O’Neil.

**Justification:**

City Staff has worked to identify and prioritize specific improvements to these facilities. Project is funded through General Fund fund balance, per Council consensus.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$321,532							\$321,532



# FRAC Upgrades

**Project Number:** CIPPK21039

**Description:**

This project includes renovation/replacement of multiple critical components of the Foothills Recreation and Aquatics Center (FRAC) to include: building updates and replacement of aquatic equipment.

**Justification:**

City staff has worked to identify and prioritize specific improvements to these facilities. Project is funded through General Fund fund balance, per Council consensus.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$63,936							\$63,936



# Park Restroom Replacement

**Project Number:** CIPPK21042

**Description:**

This project involves the replacement of the public restrooms at three city parks: Bonsall, O’Neil, and Thunderbird-Paseo to provide four unisex restrooms in a single modular unit at these locations.

**Justification:**

City staff has worked to identify and prioritize specific improvements to these facilities. Project is funded through General Fund fund balance, per Council consensus.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP						\$700,000		\$700,000



# Playground Equip. At Foothills Park

**Project Number:** CIPPK21054

**Description:**

Replace (2) playgrounds with shade

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY 29-33	TOTAL
1080 – GENERAL FUND CIP	\$28,651							\$28,651



# Rose Lane Park Improvements

**Project Number:** CIPPK22007

**Description:**

This project is for improvements at Rose Lane Park. The improvements will include improved irrigation and a new play structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$1,583,871							\$1,583,871



# Bonsall Park Improvements

**Project Number:** CIPPK22008

**Description:**

This project is for improvements at Bonsall Park. The improvements will include improved irrigation, court resurfacing and a new play structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$375,418	\$879,000						\$1,254,418





# Acoma Park Improvements

**Project Number:** CIPPK22009

**Description:**

This project is for park improvements at Acoma Park. The improvements will include improved irrigation, court resurfacing and a new play structure. These improvements are designed to accommodate increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$276,169	\$139,900						\$416,069



# Mondo Park Improvements

**Project Number:** CIPPK22010

**Description:**

This project is for improvements at Mondo Park. The improvements will include improved lighting and a new play structure. These improvements are designed to accommodate increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$123,119	\$15,400						\$138,519



# Mary Silva Park Improvements

**Project Number:** CIPPK22011

**Description:**

This project is for improvements at Mary Silva Park. The improvements will include park lighting. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$115,985						\$115,985



# Heritage Park Improvements

**Project Number:** CIPPK22013

**Description:**

This project is for improvements at Heritage Park. The improvements will include court resurfacing and a new play structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$10,000	\$14,290						\$24,920



# Hillcrest Park Improvements

**Project Number:** CIPPK22014

**Description:**

This project is for improvements at Hillcrest Park. The improvements will include park lighting and a new play structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	
4050 – PARKS G. O. BONDS		\$45,500						\$45,500



# New World Park Improvements

**Project Number:** CIPPK22015

**Description:**

This project is for improvements at New World Park. The improvements will include improved park lighting and a new play structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY 229-33	TOTAL
4050 – PARKS G. O. BONDS		\$1,241,801						\$1,241,801



# Mission Park Improvements

**Project Number:** CIPPK22016

**Description:**

Improvements at Mission Park. Improvements include park lighting, a new play structure, and a new irrigation system. Improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$576,112	\$125,000					\$701,112



# O'Neil Park Improvements

**Project Number:** CIPPK22017

**Description:**

This project is for improvements at O'Neil Park. The improvements will include improved park lighting and court resurfacing. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$4,251						\$4,251





# Montara Park Improvements

**Project Number:** CIPPK22018

**Description:**

This project is for park improvements at Montara Park. The improvements will include improved lighting and court resurfacing. These improvements are designed to accommodate increased use and demand at the park.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$299,750					\$299,750



# Carmel Park Improvements

**Project Number:** CIPPK22019

**Description:**

This project is for improvements at Carmel Park. The improvements will include enhanced lighting, a new irrigation system, and court resurfacing

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$372,487						\$372,487



# Delicias Park Improvements

**Project Number:** CIPPK22020

**Description:**

This project is for improvements at Delicias Park. The improvements will include a new playground and shade structure. These improvements are designed to accommodate the increased use and demand.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$141,820	\$20,000						\$161,820
4610 – ARPA CAPITAL PROJECTS	\$30,129							\$30,129
<b>TOTAL</b>	\$171,949	\$20,000						\$191,949



# Lions Park Improvements

**Project Number:** CIPPK22021

**Description:**

This project is for improvements at Lions Park. The improvements will include park lighting and a new play structure with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$46,710					\$46,710



# Country Gables Park Improvements

**Project Number:** CIPPK22022

**Description:**

This project is for improvements at Country Gables Park. The improvements will include park lighting and a new play structure with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$62,328					\$62,328



# Sunnyside Park Improvements

**Project Number:** CIPPK22023

**Description:**

This project is for improvements at Sunnyside Park. The improvements will include park lighting and a new playground with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$434,720					\$434,720
4610 – ARPA CAPITAL PROJECTS		\$2,143						\$2,143
<b>TOTAL</b>		<b>\$2,143</b>	<b>\$434,720</b>					<b>\$436,863</b>



# Tarrington Ranch Park Improvements

**Project Number:** CIPPK22024

**Description:**

This project is for improvements at Tarrington Ranch Park. The improvements will include park lighting and a new playground with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$278,320					\$278,230



# Foothills Park Improvements

**Project Number:** CIPPK22025

**Description:**

This project is for improvements at Foothills Park. The improvements will include park lighting and a new playground with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$861,645					\$861,645





# Northern Horizon Park Improvements

**Project Number:** CIPPK22026

**Description:**

This project is for improvements at Northern Horizon Park. The improvements will include park lighting and irrigation system improvements.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS				\$766,520				\$766,520



# Myrtle Park Improvements

**Project Number:** CIPPK22027

**Description:**

This project is for improvements at Myrtle Park. The improvements will include new park lighting. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$39,500		\$47,870				\$87,370



# Clavelito Park Improvements

**Project Number:** CIPPK22028

**Description:**

This project is for improvements at Clavelito Park. The improvements will include park lighting, irrigation system improvements and a new playground with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$144,260						\$144,260
4610 – ARPA CAPITAL PROJECTS	\$5,749							\$5,749
TOTAL	\$5,749	\$144,260						\$150,009



# Butler Park Improvements

**Project Number:** CIPPK22029

**Description:**

This project is for improvements at Butler Park. The improvements will include park lighting and a new playground with shade structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS				\$342,940				\$342,940



# Cholla Park Improvements

**Project Number:** CIPPK22030

**Description:**

This project is for improvements at Cholla Park. The improvements will include park lighting and a new playground with shade structure. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$344,900						\$344,900



# Sierra Verde Park Improvements

**Project Number:** CIPPK22031

**Description:**

This project is for improvements at Sierra Verde Park. The improvements will include park lighting, court resurfacing and a new playground with shade. These improvements are designed to accommodate the increased use and demand at the park.

**Justification:**

Replacement of aging infrastructure in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS				\$391,860				\$391,860



# Skunk Creek Linear Trail

**Project Number:** CIPPK22032

**Description:**

Redesign and installation of irrigation and landscaping along paved trail on the Skunk Creek Linear Trail. This 4 + mile trail system was installed in 2002 and is in disrepair.

**Justification:**

Maintaining what we have is a top priority in master plan survey of residents.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4090 – OPEN SPACE/TRAILS G. O. BONDS			\$1,000,000					\$1,000,000



# Grand Canal Linear Park Improvements

**Project Number:** CIPPK22033

**Description:**

This project is for improvements at Grand Canal Linear Park. The improvements will include irrigation system repairs or replacement.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4090 – OPEN SPACE / TRAILS G. O. BONDS	\$1,000,000	\$4,000,000						\$5,000,000





# Thunderbird Paseo Park Improvements

**Project Number:** CIPPK22034

**Description:**

This project is for improvements at Thunderbird Paseo Park. The improvements will include enhanced lighting, improved irrigation, court resurfacing and a new play structure.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4090 – OPEN SPACE / TRAILS G. O. BONDS		\$1,000,000	\$4,125,000					\$5,125,000



# Sunset Palms Splash Pad

**Project Number:** CIPPK22035

**Description:**

This project is for the design and construction of a new splashpad at Sunset Palms (formerly referred to as a Mid-City Park).

**Justification:**

This project addresses aging amenities and the need for new water features in parks as per the current Parks and Recreation Master Plan and what was most important to residents.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4325 – 2014 PARKS & REC DIF	\$3,128							\$3,128



# New River Trail Improvements

**Project Number:** CIPPK22036

**Description:**

This project is designed to provide a connection between New River Trail South and Heroes Regional Park. The improvements include a new concrete walkway, enhanced lighting, irrigation and plantings.

**Justification:**

This project provides an improved link between existing parks as per the current Parks and Recreation Master Plan and what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4325 – 2014 PARKS & REC DIF		\$552,489						\$552,489



# Sahuaro Ranch PK Drainage/Grading

**Project Number:** CIPPK22093

**Description:**

This project is for improvements to Sahuaro Ranch Park. The improvements will include drainage and grading improvements in the proximity of the historical buildings to further prevent water infiltration issues.

**Justification:**

This project addresses aging facilities within parks as per the current Parks and Recreation Master Plan and what has been identified as most important to residents “ maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4080-CULTURAL FACILITY	\$4,393							\$4,393



# Sahuaro Ranch Splash Pad

**Project Number:** CIPPK22096

**Description:**

This project will add a new amenity to the central area of Sahuaro Ranch Park. The splash pad will expand community access to parks.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$1,500,000							\$1,500,000



# Sierra Verde Splash Pad

**Project Number:** CIPPK22097

**Description:**

This project will add a new amenity to Sierra Verde Park. The splash pad will expand community access to a splash pad north of Loop 101.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$1,494,750							\$1,494,750



# Small Splash Pad A

**Project Number:** CIPPK22098

**Description:**

This project will add a new smaller scale splash pad amenity to small or neighborhood park. The splash pad will expand community access to parks and final location will be determined by further Council input.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS		\$500,000						\$500,000



# Small Splash Pad B

**Project Number:** CIPPK22099

**Description:**

This project will add a new smaller scale splash pad amenity to small or neighborhood park. The splash pad will expand community access to parks and final location will be determined by further Council input.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS		\$500,000						\$500,000





# Small Splash Pad C

**Project Number:** CIPPK22100

**Description:**

This project will add a new smaller scale splash pad amenity to small or neighborhood park. The splash pad will expand community access to parks and final location will be determined by further Council input.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS		\$500,000						\$500,000



# Heroes Regional Park Ballfields

**Project Number:** CIPPK22101

**Description:**

This project will further develop the next phase of development for Heroes Regional Park. An updated park master plan will determine design plans to identify amenities which may include ballfields and other park amenities.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to increase park amenities at existing park locations and to further the long-planned development of Heroes Regional Park.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$7,476,400							\$7,476,400



# Heroes Regional Park Splash Pad

**Project Number:** CIPPK22102

**Description:**

This project consists of retrofitting and replumbing the aging infrastructure of the existing splash pad in Heroes Regional Park.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to improve infrastructure within existing parks.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$500,000							\$500,000



# Sycamore Grove Splash Pad

**Project Number:** CIPPK22103

**Description:**

This project consists of retrofitting and replumbing the aging infrastructure of the existing to bring it operational.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to improve infrastructure within existing parks.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$200,000							\$200,000



# 75<sup>th</sup> Ave / Camelback Splash Pad

**Project Number:** CIPPK22104

**Description:**

This project consists of retrofitting and replumbing the aging infrastructure of the existing to bring it operational.

**Justification:**

This project meets the goal of the Parks and Recreation Master Plan to improve infrastructure within existing parks.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$100,000							\$100,000



# Bonsall North Park Irrigation

**Project Number:** CIPPK22111

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$697,000							\$697,000



# Sunset Palms Park Irrigation

**Project Number:** CIPPK22112

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$697,000							\$697,000



# Hillcrest Park Irrigation

**Project Number:** CIPPK22113

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$697,000							\$697,000





# Glendale Community Center Fiber

**Project Number:** CIPPK22117

**Description:**

The project brings fiber connectivity to the Community Centers (Rose Lane, Glendale Community Center, O’Neil) for tie into the city network for staff and improved connectivity for participants thru Wi-Fi.

**Justification:**

This project meets the goal of connectivity for impacted communities in the ARPA guidelines.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS		\$170,784						\$170,784



# O'Neil Recreation Center Fiber

**Project Number:** CIPPK22118

**Description:**

The project brings fiber connectivity to the Community Centers (Rose Lane, Glendale Community Center, O'Neil) for tie into the city network for staff and improved connectivity for participants thru Wi-Fi.

**Justification:**

This project meets the goal of connectivity for impacted communities in the ARPA guidelines.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$187,789							\$187,789



# Rose Lane Recreation Center Fiber

**Project Number:** CIPPK22119

**Description:**

The project brings fiber connectivity to the Community Centers (Rose Lane, Glendale Community Center, O’Neil) for tie into the city network for staff and improved connectivity for participants thru Wi-Fi.

**Justification:**

This project meets the goal of connectivity for impacted communities in the ARPA guidelines.

FUND	EST CARRYOVER	FY23	FY24	FY25	FY26	FY27	FY28-32	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$355,806							\$355,806



# Plaza Rosa Park Improvements

**Project Number:** CIPPK23004

**Description:**

This project is for park improvements for Plaza Rosa Park. The improvements will include a more efficient irrigation system, new park amenities and a new play structure.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and focuses on what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS					\$143,699			\$143,699



# Kings Park Improvements

**Project Number:** CIPPK23005

**Description:**

This project is for park improvements at Kings Park. The improvements will include a more efficient irrigation system, lighting, a new play structure and new park amenities.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and focuses on what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS					\$716,900			\$716,900



# Desert Valley Park Improvements

**Project Number:** CIPPK23006

**Description:**

This project is for park improvements at Desert Valley Park. The improvements will include a more efficient irrigation system, lighting, a new play structure, amenities and parking lot resurfacing.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and focuses on what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS					\$887,400			\$887,400



# Desert Rose Park Improvements

**Project Number:** CIPPK23007

**Description:**

This project is for park improvements at Desert Rose Park. The improvements will include a more efficient irrigation system, lights, new play structures, sport court resurfacing and park amenities.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan and focuses on what was most important to residents; "maintain and improve what we have".

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS					\$856,700			\$856,700



# Sands Park Improvements

**Project Number:** CIPPK23024

**Description:**

The project updates the security lights in the park to LED fixtures and replaces parks benches, tables, drinking fountains, and court resurfacing

**Justification:**

Replacement of aging infrastructure per the approved Master Plan and what was most important to residents; “maintain what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$57,300		\$145,000					\$202,300





# Paseo Sports Complex

**Project Number:** CIPPK23026

**Description:**

The project updates the sports complex field lights with LED fixtures.

**Justification:**

Replacement of aging infrastructure per the approved Master Plan and what was most important to residents; “maintain what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS		\$1,515,000						\$1,515,000



# Chapparal Park Improvements

**Project Number:** CIPPK23027

**Description:**

The project improves the irrigation, updates the light fixtures with LED, resurfaces courts and replaces tables, benches and drinking fountains.

**Justification:**

Replacement of aging infrastructure per the approved Master Plan and what was most important to residents; “maintain what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS			\$1,121,722					\$1,121,722



# Murphy Park

**Project Number:** CIPPK23044

**Description:**

Recognized as a great public space in downtown, modernization improvements will focus on a wholistic approach for a more integrated open space with the amphitheater, library and City Hall facilities. This includes examining pedestrian corridors, arrival points, zones for various activities, wayfinding, hardscape design, enhancing tree canopies, and irrigation & drainage.

**Justification:**

The existing City Hall Campus was constructed in 1984. In order to become a focal point of the downtown, it is important to modernize the park to make it more pedestrian friendly.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS G. O. BONDS	\$63,898	\$500,000	\$3,502,089					\$4,065,987



# Bicentennial Park Playground

**Project Number:** CIPPK23059

**Description:**

Replace (2) playgrounds

**Justification:**

Replacement of aging infrastructure in parks meets the goal of the Parks and Recreation Master Plan to improve existing parks.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS		\$150,000						\$150,000



# Desert Mirage Park Irrigation

**Project Number:** CIPPK23065

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$458,211							\$458,211



# Discovery Park Irrigation

**Project Number:** CIPPK23066

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$339,210							\$339,210



# New World Park Irrigation

**Project Number:** CIPPK23067

**Description:**

The project is to replace irrigation infrastructure, bringing the system up to standards. May include controllers, taps, meters, valves, lateral lines, and sprinkler heads.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4610 – ARPA CAPITAL PROJECTS	\$697,000							\$697,000



# SRP Historical Roof Replacement

**Project Number:** CIPPK24001

**Description:**

This project is for roof improvements on the historical buildings in Sahuaro Ranch Park.

**Justification:**

Replacement of aging infrastructure in parks in the ARPA guidelines and per the current Parks and Recreation Master Plan for what was most important to residents: “maintain and improve what we have”.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS CONSTRUCTION		\$80,000	\$360,000			\$760,000		\$1,200,000





# ADA Upgrades

**Project Number:** CIPPK24002

**Description:**

This project involves first updating the 2013 American with Disabilities Act Park and Facilities Assessment and then addressing identified deficiencies to bring park facilities into ADA compliance.

**Justification:**

This project is to ensure compliance with the federally adopted American with Disabilities Act and to address any known deficiencies identified by updating the assessment

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS CONSTRUCTION		\$450,000						\$450,000



# Parking Lot Improvement

**Project Number:** CIPPK24003

**Description:**

This project involves repairs and renovation to parking lots at Bonsall North, Foothills, and New World parks

**Justification:**

This project addresses needed repairs and renovations in Bonsall North, Foothills, and New World parks as identified in the 2021 Park and Facilities Parking Paving Assessment.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4050 – PARKS CONSTRUCTION						\$700,000		\$700,000



# Foothills Park Pickleball Courts

**Project Number:** CIPPK73576

**Description:**

This project is for the construction of new pickleball courts at Foothills Park to accommodate increased interest and demand in the community.

**Justification:**

This project addresses aging amenities in parks as per the current Parks and Recreation Master Plan key strategy of “Maintain and enhance park and recreation facilities and programs to promote community interaction, healthy lifestyles and safety.”

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4325 – 2014 DIF PARKS & REC		\$11,711						\$11,711



# FY24-33 Public Safety CIP Overview

- Funded by Public Safety G. O. Bonds (65%), General Fund (17%), Fire DIF (14%) and Police DIF (3%)
- Focus on:
  - Improving existing facilities
    - Follow industry standard replacement cycles
    - Health, safety and functional improvements
  - Replacing existing assets as needed



# FY24-33 Public Safety Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPS19029	FIRE STATION #153 REPLACEMENT	\$2,945,624	\$5,394,777	\$3,000,000					\$11,340,401
CIPPS19030	POLICE EVIDENCE STORAGE AND CRIME LAB	\$6,823,076		\$14,696,385					\$21,519,461
CIPPS19041	MAIN PUBLIC SAFETY BLDG RENOVATION	\$44,329		\$2,500,000	\$3,000,000	\$3,500,000			\$9,044,329
CIPPS19042	FOOTHILLS POLICE STATION RENOVATION	\$665,000			\$1,306,043	\$2,340,479	\$2,340,479		\$6,652,001
CIPPS19043	GATEWAY POLICE STATION RENOVATION	\$263,068				\$2,297,021	\$8,252,979		\$10,813,068



# FY24-33 Public Safety Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPS19044	FIRE STATION #154 RENOVIATION			\$1,108,793	\$5,667,207				\$6,776,000
CIPPS19049	FIRE STATION WESTERN AREA						\$20,518,889		\$20,518,889
CIPPS19050	FIRE STATION #155 RENOVIATION				\$239,936	\$3,019,982	\$3,019,982		\$6,279,900
CIPPS19051	FIRE STATION #156 RENOVIATION					\$254,411	\$2,921,839		\$3,176,250
CIPPS19052	FIRE STATION #157 RENOVIATION							\$3,418,250	\$3,418,250
CIPPS19053	POLICE STATION WEST AREA							\$4,529,000	\$4,529,000



# FY24-33 Public Safety Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPS20033	PUBLIC SAFETY BUILDING REMODELS	\$9,011							\$9,011
CIPPS22037	UNMANNED AERIAL VEHICLES	\$91,859							\$91,859
CIPPS22038	GROWTH POLICE VEHICLES	\$2,077							\$2,077
CIPPS22080	PUBLIC SAFETY HVAC REPLACEMENTS	\$19,409							\$19,409
CIPPS22085	PUBLIC SAFETY ROOF REPAIR/REPLACE	\$274,716							\$274,716
CIPPS22094	GRPSTC RETAINING WALL/FIRE TOWER	\$248,964							\$248,964
CIPPS23002	LP15 HEART MONITOR REPLACEMENT		\$153,740						\$153,740



# FY24-33 Public Safety Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPS23030	GRPSTC PARKING LOT	\$675,600							\$675,600
CIPPS23042	COURT RENOVATION PHASE 2						\$10,471,000		\$10,471,000
CIPPS23074	POLICE MOBILE COMMAND VEHICLE	\$596,338							\$596,338
CIPPS24004	FIRE CAPITAL ASSET REPLACEMENT PROG		\$261,600					\$4,292,500	\$4,554,100
CIPPS24005	GRPSTC FIRE HYDRANT REPLACEMENT		\$145,320						\$145,320





# FY24-33 Public Safety Projects

Project #	Project Title	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPPS24050	FIRE STATION AIRPORT AREA		\$75,000						\$75,000
CIPPS70814	FIRE APPARATUS REPLACEMENT	\$1,955,474	\$2,294,398		\$2,386,386	\$1,616,688	\$1,948,660	\$6,064,833	\$18,583,319
<b>TOTAL</b>		<b>\$15,910,177</b>	<b>\$8,497,910</b>	<b>\$25,122,058</b>	<b>\$12,599,572</b>	<b>\$13,028,581</b>	<b>\$49,473,828</b>	<b>\$18,304,583</b>	<b>\$142,936,709</b>



# FY24-33 Public Safety by Funding Source

Funding Source	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL FUND CIP	\$2,551,812	\$2,709,738	\$2,316,880	\$2,386,386	\$1,616,688	\$1,948,660	\$10,357,333	\$23,887,496
2200-TRAINING FACILITY REVENUE	\$248,964	\$145,320						\$394,284
4040-PUBLIC SAFETY CONSTRUCTION	\$13,015,465	\$5,567,852	\$22,805,178	\$10,213,186	\$11,411,893	\$27,006,279	\$3,418,250	\$93,438,103
4173-2019-DIF FIRE		\$75,000				\$20,518,889		\$20,593,889
4191-2012-DIF POLICE FACILITIES	\$93,936							\$93,936
4223-2019-DIF POLICE							\$4,529,000	\$4,529,000
<b>TOTAL</b>	<b>\$15,910,177</b>	<b>\$8,497,910</b>	<b>\$25,122,058</b>	<b>\$12,599,572</b>	<b>\$13,028,581</b>	<b>\$49,473,828</b>	<b>\$18,304,583</b>	<b>\$142,936,709</b>



# City Court Renovations

**Project Number:** CIPPS21053

**Description:**

This project will renovate the existing city court which was built in 1991 and was last remodeled in 2003.

**Justification:**

The existing facility does not meet the courts operational needs in regards to safety, security, and storage.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS		\$1,468,707	\$1,500,000					\$2,968,707



# Fire Station #153 Replacement

**Project Number:** CIPPS19029

**Description:**

Total replacement of the current 7,400 gross sq. ft. (2-bay) fire station with a new approx. 11,500 gross sq.ft. (3 bay) facility. The project includes the demolition of a retired adjacent community center, approx. 5,000 gross sq.ft.

**Justification:**

The station was constructed in 1974 and components are beyond their useful life, and do not support additional apparatus or space for decontamination. Preventative measures should be taken to mitigate carcinogen exposure for firefighters.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS	\$2,945,624	\$5,394,777	\$3,000,000					\$11,340,401



# Police Evidence Storage / Crime Lab

**Project Number:** CIPPS19030

**Description:**

New warehouse type facility for police evidence, property storage, and management. Estimate includes programming, design, construction for lab and evidence storage facility.

**Justification:**

Current off-site storage facility is being decommissioned. On site storage is at capacity. Co-locating forensic evidence processing w/the storage of the evidence greatly reduces the risk of breaching Chain of Custody and is considered best practice.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS	\$6,823,076		\$14,696,385					\$21,519,461



# Main Public Safety Building Remodel

**Project Number:** CIPPS19041

**Description:**

This project is for design and construction of infrastructure needs at the Main PSB to include plumbing, electrical and some interior finishes.

**Justification:**

Components of the building have exceeded their useful life. This location requires significant infrastructure and functionality modernization to meet the business needs of the department.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS	\$44,329		\$2,500,000	\$3,000,000	\$3,500,000			\$9,044,329



# Foothills Police Station Renovation

**Project Number:** CIPPS19042

**Description:**

This project is for design and construction of a complete renovation of the Foothills police substation to include infrastructure needs as well as functionality. Infrastructure needs include roof, exterior finishes, plumbing fixtures and parking.

**Justification:**

The Foothills police substation requires significant infrastructure and functionality modernization to meet the business needs of the police department.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS	\$665,000			\$1,306,043	\$2,340,479	\$2,340,479		\$6,652,001



# Gateway Police Station Renovation

**Project Number:** CIPPS19043

**Description:**

This project is for design and construction of a complete renovation of the Gateway police substation to include infrastructure needs as well as functionality. Infrastructure needs identified in the building assessment include roof, and parking.

**Justification:**

The Gateway substation requires significant infrastructure and modernization to meet the business needs of the police department including additional space for parking to continue meeting the needs of the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS	\$263,068				\$2,297,021	\$8,252,979		\$10,813,068





# Fire Station #154 Renovation

**Project Number:** CIPPS19044

**Description:**

Project will remodel FS 154 (43rd Ave & Peoria) as infrastructure components have reached the end of their useful life. Renovation will include new areas to protect firefighters' health and safety as well as functional improvements.

**Justification:**

The station was constructed in 1982 and components are beyond their useful life. The station house, drives, and equipment bays require replacement. Preventative measures should be taken to mitigate carcinogen exposure for firefighters.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS			\$1,108,793	\$5,667,207				\$6,776,000



# Fire Station – Western Area

**Project Number:** CIPPS19049

**Description:**

This project is for the design and construction of a new, 15,000 square feet, four bay fire station including furniture, fixtures and equipment, to support 18 personnel and one engine.

**Justification:**

Future growth in the area is projected to require an additional station to serve the needs of the community. The station will include space for future expansion as growth demands.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4173 – 2019 DIF FIRE						\$20,518,889		\$20,518,889



# Fire Station #155 Renovation

**Project Number:** CIPPS19050

**Description:**

Project will remodel FS 155 (62nd Ave & Union Hills) as infrastructure components have reached the end of their useful life. Renovation will include new areas to protect firefighters' health and safety as well as functional improvements.

**Justification:**

The station was constructed in 1988 and components are beyond their useful life. The station house, drives, and equipment bays require replacement. Preventative measures should be taken to mitigate carcinogen exposure for firefighters.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS				\$239,936	\$3,019,982	\$3,019,982		\$6,279,900



# Fire Station #156 Renovation

**Project Number:** CIPPS19051

**Description:**

Project will remodel FS 156 (68th Ave & Deer Valley) as infrastructure components have reached the end of their useful life. Renovation will include new areas to protect firefighters' health and safety as well as functional improvements.

**Justification:**

The station was constructed in 1998 and components are beyond their useful life. The station house, drives, and equipment bays require replacement. Preventative measures should be taken to mitigate carcinogen exposure for firefighters.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS					\$254,511	\$2,921,839		\$3,176,250



# Fire Station #157 Renovation

**Project Number:** CIPPS19052

**Description:**

Project will remodel FS 157 (59th Ave and Brown) as infrastructure components have reached the end of their useful life. Renovation will include new areas to protect firefighters' health and safety as well as functional improvements.

**Justification:**

The station was constructed in 1997 and components are beyond their useful life. The station house, drives, and equipment bays require replacement. Preventative measures should be taken to mitigate carcinogen exposure for firefighters.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G.O. BONDS							\$3,418,250	\$3,418,250



# Police Station – West Area

**Project Number:** CIPPS19053

**Description:**

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

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4223 – 2019 DIF POLICE							\$4,529,000	\$4,529,000



# Public Safety Building Remodels

**Project Number:** CIPPS20033

**Description:**

The \$800,000 in FY20 is for design of 2nd floor GRPSTC for Fire Admin, and design of Sine for Prosecutor, as well as construction of 2nd floor GRPSTC. Projects in FY21(\$7,532,000) include the remodel of Sine (up to \$1.25m); Court imminent needs (up to \$4m); and priority 2 and 3 deficiencies identified as part of Public Safety Buildings assessments. Planned projects include: exhaust venting/removal (all Fire Stations), parking assessments (Foothills, Gateway, FS 157), roof (Gateway), HVAC (Foothills), parking lot subsidence (FS 152), and generator replacement (FS 154). The exact list will depend on individual items costs.

**Justification:**

Many components are at the end of their useful life and require work or replacement in order to provide useable buildings.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS	\$9,011							\$9,011



# Unmanned Aerial Vehicles

**Project Number:** CIPPS22037

**Description:**

This project is two unmanned aerial vehicles (drones), equipment and software. Drones can be remotely deployed and provide officers with real time information while increasing safety and efficiency.

**Justification:**

Drones are used to prevent dangerous situations for officers and bystanders. They can be used at accident scenes, to assess environmental issues, and follow fleeing suspects, reducing vehicle pursuits.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4191 – 2012 DIF POLICE	\$91,859							\$91,859





# Growth Police Vehicles

**Project Number:** CIPPS22038

**Description:**

This request is for three growth police vehicles to provide for patrol services in developing western Glendale. Includes computer, radio, and other equipment required to outfit the vehicles.

**Justification:**

Future growth in the western area is projected to require patrol services to meet the needs of the community.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4191 – 2012 DIF POLICE	\$2,077							\$2,077



# Public Safety HVAC Replacements

**Project Number:** CIPPS22080

**Description:**

This project is to replace the HVAC systems at Fire Station 151, 159, and the Advocacy Center.

**Justification:**

The HVAC systems at these locations require replacement. Replacement is a proactive approach to maintaining the continuity of service to mission critical facilities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS	\$19,409							\$19,409



# Public Safety Roof Repair/Replacement

**Project Number:** CIPPS22085

**Description:**

This project is to replace roof at various public safety locations including- Fire Support, and GRPSTC Fire Station and Shooting Range.

**Justification:**

These roofs at mission critical locations need replacement to avoid structural damage.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS	\$274,716							\$274,716



# GRPSTC Retaining Wall/Fire Tower

**Project Number:** CIPPS22094

**Description:**

This project is to perform a structural evaluation of the adjacent training wall, site and building at the GRPSTC Fire Training Building and any future construction to remediate the issues causing damage.

**Justification:**

The retention wall on the east and west side of the training facility are showing signs of cracking with water leakage, thus the commercial door is no longer operational and might create a safety issue.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2200 – TRAINING FACILITY REVENUE	\$248,964							\$248,964



# LP15 Heart Monitor Replacement

**Project Number:** CIPPS23002

**Description:**

Purchase of 37 cardiac monitors. The life span is difficult to gauge as wear and tear is a factor that plays into how long these units last.

**Justification:**

These monitors are used multiple times daily. Emergency medical incidents account for over 80% of all calls for service. New technology also plays a part in how long we can continue to use older equipment. Currently, the department's heart monitors are adequate through FY 2024, at which time they are expected to reach the end of their useful life. Heart monitors are considered a capital expenditure due to the type of equipment requiring to be updated all at the same time; which cannot be phased in when replaced. Personnel must all be able to train and work on the same type, make and model of equipment...

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 - GENERAL FUND CIP		\$2,232,682						\$2,232,682



# GRPSTC Parking Lot

**Project Number:** CIPPS23030

**Description:**

Project will create additional parking area west of the main building at GRPSTC. The proposed new parking area provides approximately 50 secured parking spaces.

**Justification:**

Current parking lot lacks appropriate parking spaces to accommodate staff.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS	\$675,600							\$675,600



# Court Renovation Phase 2

**Project Number:** CIPPS23042

**Description:**

Recommended deferred maintenance of building systems and court security upgrades not included in Phase 1 renovation in CIPFC21053. Items include update power distribution, ergonomic seating, HVAC cleaning, Kevlar at court benches, ballistic glass, intrusion security, visual evidence displays/controls at courtrooms, security bollards, back of house court expansion, and restroom addition.

**Justification:**

Facility is 30 years old plus with minimal upgrades.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4040 – PUBLIC SAFETY G. O. BONDS						\$10,471,000		\$10,471,000



# Police Mobile Command Vehicle

**Project Number:** CIPPS23074

**Description:**

The vehicle will be used for critical incidents and mega events. The vehicle will have upgraded technology, better communication capabilities and more operational space allowing for multiple divisions to work at the same time.

**Justification:**

The current Mobile Command Center Vehicle is outdated and has required maintenance and major repairs, and it does not have sufficient workspace for personnel

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$596,338							\$596,338





# Fire Capital Asset Replacement Prog

**Project Number:** CIPPS24004

**Description:**

Replace Extrication Equipment (Battery Operated) for 3 existing Ladder Tenders and 1 Squad including the air bags used for extrication.

**Justification:**

The ability to keep our existing equipment functional and in the ready state is becoming more difficult as the manufacturers are no longer supporting older equipment. We are creating a replacement program to cover older assets as they come up for replacement per the department asset replacement program.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$261,600						\$4,292,500	\$4,554,100



# GRPSTC Fire Hydrant Replacement

**Project Number:** CIPPS24005

**Description:**

Replace 10 training fire hydrants at GRPSTC and improve equipment reliability, to continue to train fire recruits and active-duty personnel.

**Justification:**

GRPSTC Management was advised by the water department that 10 of the "Training" fire hydrants have reached the end of their service life and need to be replaced, as they are failing on a regular basis and can no longer be rebuilt. Approval of this request will provide the approval to replace all 10 training fire hydrants and improve the reliability of the facility to continue to train fire recruits and active-duty personnel.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2200 – TRAINING FACILITY REVENUE		\$145,320						\$145,320



# Fire Station-Airport Area

**Project Number:** CIPPS24050

**Description:**

This project is for the study and may expand in the future to include design and construction of a new 15,000 square feet, four bay station including furniture, fixtures and equipment, to support 18 personnel and one engine.

**Justification:**

Future growth in the area is projected to require an additional station to serve the needs of the community. The station will include space for future expansion as growth demands.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4173-2019-DIF FIRE		\$75,000						\$75,000



# Fire Apparatus Replacement

**Project Number:** CIPPS70814

**Description:**

The project provides for the replacement of large GFD vehicles to ensure essential services are provided. The plan is to replace engines & ladder tenders (LTs) every 7 yrs or 100K miles & ladders every 10 yrs or 100K miles. FY24: (1) LT & (1) Pumper

**Justification:**

Programmatic replacement of vehicles will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080 – GENERAL FUND CIP	\$1,955,474	\$2,294,398	\$2,316,880	\$2,386,386	\$1,616,688	\$1,948,660	\$6,064,833	\$18,583,319



# FY24-33 Solid Waste CIP Overview

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- Funding Source: Enterprise – User Fee Revenues
- Focus On Programmed Vehicle Replacements
  - Follow industry standard replacement cycles



# FY24-33 Solid Waste Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPSW19027	REPLACE STREET SWEEPERS			363,235	372,316	381,624		2,197,746	<b>3,314,921</b>
CIPSW78001	REPLACE ROLLOFF TRUCKS - COMMERCIAL				236,500			273,158	<b>509,658</b>
CIPSW78002	REPLACE FRONTLOAD TRUCKS- COMMERCIAL	62,629	411,380	431,949	868,110	952,447	500,035	3,370,802	<b>6,597,352</b>
CIPSW78003	REPLACE SIDELOAD TRUCKS- RESIDENTIAL	22,915	1,558,259	1,636,172	1,717,980	1,803,879	2,367,592	11,200,870	<b>20,307,667</b>
CIPSW78004	REP BULK TRASH EQUIP- RESIDENTIAL	299,268	981,115	887,645	916,830	692,638	727,270	6,696,636	<b>11,201,402</b>
CIPSW78005	REPLACE PICKUPS / SERVICE TRUCKS	39,701	111,163	126,000	63,919	175,115	70,470	359,104	<b>945,472</b>
CIPSW78009	ALLEY GATING	38,150	20,000	20,000	20,000	20,000	20,000		<b>138,150</b>
<b>TOTAL</b>		<b>462,663</b>	<b>3,081,917</b>	<b>3,465,001</b>	<b>4,195,655</b>	<b>4,025,703</b>	<b>3,685,367</b>	<b>24,098,316</b>	<b>43,014,622</b>



# FY24-33 Solid Waste by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120	SOLID WASTE FUND	462,663	3,081,917	3,465,001	4,195,655	4,025,703	3,685,367	24,098,316	<b>43,014,622</b>
<b>TOTAL</b>		<b>462,663</b>	<b>3,081,917</b>	<b>3,465,001</b>	<b>4,195,655</b>	<b>4,025,703</b>	<b>3,685,367</b>	<b>24,098,316</b>	<b>43,014,622</b>



# Replace Street Sweepers

**Project Number: CIPSW19027**

**Description:**

Programmatic replacement of 1g Solid Waste (SW) vehicles. SW has 6 street sweepers, each with a lifespan of 7yrs requiring replacement in next 10yrs. Current quotes & inflation used. Rep plan:FY25(1), FY26(1), FY27(1), FY29-33(5). MAG Grants will be pursued.

**Justification:**

Mandated by State and Federal as part of PM10 nonattainment areas to improve air quality, reduce particulate emissions, and clear streets of road hazards/debris. Programmatic replacement of vehicles will reduce overall lifecycle costs.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND			\$363,235	\$372,316	\$381,624		\$2,197,746	\$3,314,921





# Replace Rolloff Trucks – Commercial

**Project Number: CIPSW78001**

**Description:**

Programmatic replacement of large Solid Waste (SW) vehicles to ensure the provision of essential services to the community. SW has 3 commercial roll-off trucks requiring replacement over next 10 yrs. Replacement plan: FY26(1), FY29-33(1).

**Justification:**

Collection/disposal of solid waste is required by city and county. Programmatic replacement of vehicles reduces overall lifecycle costs, protects public health/safety while aligning resources with the City's strategic priorities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND				\$236,500			\$273,158	\$509,658



# Replace Frontload Trucks - Commercial

**Project Number: CIPSW78002**

**Description:**

Replacement of SW vehicles & equip. SW has 7 front load trucks with a lifespan of 7yrs & 1 front load bin delivery truck/trailer with lifespan of 10yrs requiring replacement over next 10yrs. Plan: FY24(1), FY25(1), FY26(2), FY27(2), FY28(1), FY29-33(5).

**Justification:**

Collection/disposal of solid waste is required by County/City code. Ensures a safe & efficient operation for a revenue generating enterprise. Programmatic replacement of vehicles will reduce overall lifecycle costs.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND	\$62,629	\$411,380	\$431,949	\$868,110	\$952,447	\$500,035	\$3,370,802	<b>\$6,597,352</b>



# Replace Sideload Trucks - Residential

**Project Number: CIPSW78003**

**Description:**

Replacement of large Solid Waste (SW) vehicles. SW has 27 side load trucks with a lifespan of 6 yrs requiring replacement over next 10 yrs. Plan: FY24-(4), FY25 (4), FY26-(4), FY27-(4), FY28-(5), FY29-33-(20).

**Justification:**

Collection/disposal of solid waste is required by State/City code. Programmatic replacement of vehicles reduces overall lifecycle costs, protects public health/safety while aligning resources with City's strategic priorities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND	\$22,915	\$1,558,259	\$1,636,172	\$1,717,980	\$1,803,879	\$2,367,592	\$11,200,870	<b>\$20,307,667</b>



# Replace Residential Bulk Trash Equipment

**Project Number: CIPSW78004**

**Description:**

Repl lg SW veh/equip; have 15 rear load trucks/8 tractors w/life of 8yrs req repl over 10yrs. Plan: FY24(2)trucks/(1)tractor, FY25(2)trucks,(1)tractor FY26(2)trucks/(1)tractor, FY27(1)truck/(1)tractor, FY28-(1)truck(1)tractor, FY29-33(11)trucks/(5)tractors

**Justification:**

Collection/disposal of solid waste is mandated by State/City code. Programmatic replacement reduces overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND	\$299,268	\$981,115	\$887,645	\$916,830	\$692,638	\$727,270	\$6,696,636	<b>\$11,201,402</b>



# Replace Pickups / Service Trucks

**Project Number: CIPSW78005**

**Description:**

Provides for programmatic replacement of Solid Waste vehicles. SW has 10 trucks used to support daily operations and provide timely customer service to the community. Replacement plan: FY24-(2), FY25-(1), FY26-(1), FY27-(2), FY28-(1), FY29-33-(5).

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND	\$39,701	\$111,163	\$126,000	\$63,919	\$175,115	\$70,470	\$359,104	<b>\$945,472</b>



# Alley Gating

**Project Number: CIPSW78009**

**Description:**

A program that manages health/safety issues including blocking of vehicular access & difficulty of enforcement due to illegal dumping in alleys. Includes residential garbage serv. relocations/blue stake gate location/gate installation/access key/code.

**Justification:**

Promotes/enhances quality of life for residents residing near or adjacent to alley ways, providing a safer & cleaner environment. Project includes pre-gated alley clean-up & citizen notification. O&M to be an ongoing supplemental as gates get older.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6120 - SOLID WASTE FUND	\$38,150	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000		\$138,150



# FY24-33 Streets CIP Overview

- Funded by Transportation Sales Tax (55%), Streets G.O. Bonds (19%), HURF (14%), Development Impact Fees (9%) and General Fund (3%)
- Safety Projects
  - Olive Ave: 59<sup>th</sup> Ave to 67<sup>th</sup> Ave Street Lights
  - 53<sup>rd</sup> Ave & Camelback Rd HAWK
  - 58<sup>th</sup> Ave & Bethany Home Rd HAWK
  - Speed Feedback Signs (School Zones)
  - Guardrail Update
  - Flashing Yellow Arrow Phase 5
  - Transportation Safety Program



# FY24-33 Streets CIP Overview

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- Intersection Signalization/Improvements
  - 61<sup>st</sup> Ave & Olive Ave
  - Sarival Ave & Bethany Home Rd
  - Sarival Ave & Glendale Ave
  - Litchfield Rd & Bethany Home Rd
  - Reems Rd & Hatcher Rd
  - Sarival Ave & Olive Ave
  - Traffic Signal Interconnect
  - 83 Ave & Cardinals Way Intersection Improvement





# FY24-33 Streets CIP Overview

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- Active Transportation (Bicycle/Pedestrian)
  - Central Core Sidewalk Gaps
  - 67<sup>th</sup> Ave Bike Lanes
  - Maryland Active Transportation Improvements
  - Missouri Active Transportation Improvements
  - Infill Sidewalk
  - Match for Roadway Safety Projects
  - Scallop Street Program
  - RAISE Grant Match



# FY24-33 Streets CIP Overview

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- PMP/Pavement/Arterial Reconstruction
  - Pavement Management
  - 51<sup>st</sup> Ave. – Olive Ave. to Peoria Ave.
  - Shovel Ready Projects
  - ST Recon 83 Ave: Glendale Ave to Northern Ave
- Miscellaneous Streets Projects
  - Right-of-Way Landscaping Plan
  - Transportation Long Range Plan
  - Safe Streets for All Grant
  - Advanced Traffic System Management



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST19006	PAVEMENT MANAGEMENT	\$6,108,711	\$17,137,182	\$18,064,162	\$18,952,391	\$19,884,983	\$20,864,153	\$120,808,232	<b>\$221,819,815</b>
CIPST19010	BALLPARK BOULEVARD	\$1,316,042							<b>\$1,316,042</b>
CIPST19048	CAPITAL BRIDGE REPAIR PROGRAM	\$147,296	\$321,000	\$337,050	\$353,903	\$371,598	\$390,178	\$2,263,776	<b>\$4,184,800</b>
CIPST20012	FLASHING YELLOW ARROWS	\$513,245							<b>\$513,245</b>
CIPST20013	VEHICLE REPLACEMENT	\$1,435,257	\$540,800	\$560,432	\$584,930	\$608,326	\$632,660	\$3,563,756	<b>\$7,926,161</b>
CIPST20016	ST RECON GLENDALE -101 TO EL MIRAGE	\$625,423							<b>\$625,423</b>
CIPST20021	ST RECON CAMELBACK - 83RD TO 91ST	\$452,724							<b>\$452,724</b>
CIPST20022	BIKE PROJECTS (LOCAL MATCH)			\$143,208	\$146,072	\$148,994	\$151,973	\$806,694	<b>\$1,396,941</b>



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST21001	TELECOM CONDUITS	\$209,600	\$209,600	\$209,600	\$209,600	\$209,600		\$1,048,000	\$2,096,000
CIPST21014	75TH AVENUE ASPERA IMPROVEMENTS	\$19,348							\$19,348
CIPST21015	CENTRAL CORE SIDEWALK GAPS	\$171,931	\$226,520						\$398,451
CIPST21016	67TH AVENUE BIKE LANES	\$755,788	\$504,213						\$1,260,001
CIPST21017	STREET RECON BELL RD - 51ST TO 59TH	\$325,986							\$325,986
CIPST21018	ST RECON GLENDALE - 101 TO 91ST	\$1,093,044							\$1,093,044
CIPST21045	ST RECON CACTUS - 59TH TO 67TH	\$124,930							\$124,930
CIPST21051	ST RECON 75TH-GLENDALE TO NORTHERN	\$1,647							\$1,647



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST21052	ST RECON 83RD-GLENDALE TO NORTHERN	\$6,510	\$3,060,000						\$3,066,510
CIPST22043	ST RECON 67TH - GREENWAY TO BELL	\$51,129							\$51,129
CIPST22062	PAVEMENT CUT REPAIR	\$5,084	\$109,140	\$111,323	\$113,549	\$115,820	\$118,137	\$627,081	\$1,200,133
CIPST22063	TRANSPORTATION NETWORK IMPROVEMENTS	\$2,000,000							\$2,000,000
CIPST22064	TRANSPORTATION SAFETY PROGRAM	\$677,487	\$432,001	\$440,640	\$449,452	\$458,442	\$467,612	\$2,482,155	\$5,407,789
CIPST22065	SCALLOP STREET PROGRAM	\$4,000,000	\$4,000,000					\$1,000,000	\$9,000,000
CIPST22067	57TH AND GREENWAY INTERSECT IMPROV.	\$200,000							\$200,000



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST22068	59TH AND NORTHERN INTERSECT IMPROV.	\$1,055,983							\$1,055,983
CIPST22120	95TH AVE / MONTEBELLO INTERSECTION	\$161,382							\$161,382
CIPST23014	OLIVE AVE 59-67 STREET LIGHTS	\$69,504	\$315,433						\$384,937
CIPST23015	61ST/OLIVE TRAFFIC SIGNAL UPGRADE	\$56,731	\$211,371						\$268,102
CIPST23016	53RD/CAMELBACK NEW HAWK	\$112,050	\$390,167						\$502,217
CIPST23017	NORTHERN PARKWAY CABLE BARRIER 2	\$155,625	\$1,042,750						\$1,198,375



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST23018	TMC UPGRADE			\$228,692	\$2,013,998				\$2,242,690
CIPST23019	MARYLAND ACTIVE TRANSPORTATION IMPR	\$1,055,983							\$1,055,983
CIPST23020	MISSOURI ACTIVE TRANSPORTATION IMPR	\$161,382							\$161,382
CIPST23047	SARIVAL AVE/BETHANY HOME RD SIGNAL	\$69,504	\$315,433						\$384,937
CIPST23048	SARIVAL AVE/GLENDALE AVE SIGNAL	\$56,731	\$211,371						\$268,102
CIPST23049	INFILL STREETLIGHTS PHASE II	\$112,050	\$390,167						\$502,217



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST23050	58TH AVENUE/BETHANY HOME ROAD	\$2,280	\$89,683	\$679,643					\$771,606
CIPST23051	TRAFFIC SIGNAL INTERCONNECT	\$249,120	\$645,264	\$658,169	\$671,332				\$2,223,885
CIPST23052	SPEED FEEDBACK SIGNS SCHOOL ZONES	\$90,000	\$81,000						\$171,000
CIPST23053	INFILL SIDEWALK	\$175,031	\$162,000	\$165,241	\$168,544	\$171,916	\$175,354	\$927,006	\$1,945,092
CIPST23054	GUARDRAIL UPDATE	\$5,496	\$108,001	\$110,160	\$112,363	\$114,611	\$116,903	\$620,536	\$1,188,071
CIPST23055	ARTERIAL PAVEMENT TREATMENT	\$535,837							\$535,837
CIPST23056	ARTERIAL STREET RECONSTRUCTION	\$4,976,675	\$3,706,776						\$8,683,451
CIPST23057	FLASHING YELLOW ARROWS PHASE 5	\$2,280	\$89,683	\$679,643					\$771,606
CIPST24013	43RD AVE-PEORIA INTERSECTION IMPRV	\$249,120	\$645,264	\$658,169	\$671,332				\$2,223,885
CIPST24014	51ST AVE-CAMELBACK INTERSECTION IMP	\$90,000	\$81,000						\$171,000





# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST24015	51ST AVE-OLIVE INTERSECTION IMPRV		\$500,000						\$500,000
CIPST24016	59TH AVE-THUNDERBIRD INTERSECTION			\$61,200	\$353,736				\$414,936
CIPST24017	67TH AVE-GREENWAY INTERSECTION			\$382,500	\$1,170,450				\$1,552,950
CIPST24018	67TH AVE-PEORIA INTERSECTION IMPRV			\$22,950	\$132,651				\$155,601
CIPST24019	67TH AVE: ARROWHEAD LP TO DVALLEY					\$663,255		\$2,070,152	\$2,733,407
CIPST24020	67TH AVE: LP 101 TO ARROWHEAD LP				\$260,100	\$795,906			\$1,056,006
CIPST24021	67TH AVE: PINNACLE PK TO DEER VAL				\$650,250	\$1,989,765			\$2,640,015
CIPST24022	67TH AVE-THUNDERBIRD INTERSECTION		\$500,000						\$500,000
CIPST24023	83RD AVE-CARDINALS WAY INTERSECTION			\$61,200	\$353,736				\$414,936
CIPST24024	99TH AVE: GLENDALE AVE TO NORTHERN			\$382,500	\$1,170,450				\$1,552,950



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST24025	BALLPARK BLVD: BHR TO MARYLAND AVE				\$468,180	\$2,706,080			\$3,174,260
CIPST24026	CAMELBACK RD: 99TH AVE TO LOOP 101			\$40,800	\$373,320				\$414,120
CIPST24027	LITCHFIELD-BHR TRAFFIC SIGNAL							\$785,995	\$785,995
CIPST24028	NORTHERN AVE: 303 TO SARIVAL						\$1,120,642		\$1,120,642
CIPST24029	NORTHERN: REEMS-LITCHFIELD WIDENING						\$2,801,605		\$2,801,605
CIPST24030	NORTHERN: SARIVAL-ALSUP WIDENING						\$1,400,803		\$1,400,803
CIPST24031	REEMS-HATCHER TRAFFIC SIGNAL						\$672,385		\$672,385
CIPST24032	SARIVAL: GLENDALE TO NORTHERN ROADW						\$3,412,603		\$3,412,603
CIPST24033	SARIVAL-OLIVE TRAFFIC SIGNAL						\$1,008,578		\$1,008,578
CIPST24034	SARIVAL-PEORIA INTERSECTION IMPRV						\$784,725		\$784,725



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST24035	RIGHT OF WAY LANDSCAPE PLAN		\$892,067	\$918,829	\$946,394	\$370,144	\$381,248	\$797,152	\$4,305,833
CIPST24036	STREET DESIGN PROJECT		\$1,000,000						\$1,000,000
CIPST24037	TRANSPORTATION PLAN		\$500,000	\$510,000				\$1,115,122	\$2,125,122
CIPST24038	CARMEL ESTATES PAVEMENT SETTLEMENT		\$435,960						\$435,960
CIPST24039	FEDERAL GRANT FUND MATCH			\$2,500,000					\$2,500,000
CIPST24040	51ST AVE CORRIDOR PROJECT		\$2,034,180	\$5,981,295					\$8,015,475
CIPST24041	BELL RD CORRIDOR PROJECT		\$1,581,360	\$4,907,553					\$6,488,913
CIPST24042	CENTRAL GLENDALE INFRA IMPRV		\$503,677	\$7,162,963					\$7,666,640



# FY24-33 Streets Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPST24043	GLENDALÉ SS4A ACTION PLAN		\$799,834						<b>\$799,834</b>
CIPST65005	ITS UPGRADES (LOCAL MATCH)	\$537,399	\$205,200	\$209,304	\$213,491	\$217,760	\$222,115	\$1,179,014	<b>\$2,784,283</b>
CIPST65006	BUS PULLOUTS	\$315,869	\$324,000	\$330,479	\$337,089	\$343,831	\$350,708	\$1,861,598	<b>\$3,863,574</b>
CIPST65016	NORTHERN PARKWAY	\$126,981	\$670,000	\$670,000	\$670,000	\$670,000			<b>\$2,806,981</b>
CIPST68125	STREET RECONSTRUCTION PROGRAM		\$11,355,749	\$11,585,029	\$12,047,311	\$11,502,161	\$6,817,493	\$28,192,255	<b>\$81,499,998</b>
CIPST68918	INFILL LIGHTING PROGRAM PHASE I	\$1,206,021	\$162,001	\$165,240	\$168,545	\$171,915	\$175,353	\$930,806	<b>\$2,979,881</b>
CIPST68922	STREETLIGHT POLE PROGRAM	\$1,007,211	\$81,000	\$82,620	\$84,273	\$85,958	\$87,677	\$465,399	<b>\$1,894,138</b>
<b>TOTAL</b>		<b>\$31,298,713</b>	<b>\$55,496,481</b>	<b>\$59,802,766</b>	<b>\$43,366,430</b>	<b>\$47,119,404</b>	<b>\$30,951,563</b>	<b>\$182,746,069</b>	<b>\$450,781,427</b>



# FY24-33 Streets by Funding Source

Funding Source	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL FUND CIP	\$4,209,600	\$5,101,667	\$1,128,429	\$1,155,994	\$579,744	\$381,248	\$2,845,152	<b>\$15,401,834</b>
2050-HURF	\$454,457	\$3,663,680	\$3,846,864	\$4,039,207	\$4,241,168	\$4,453,226	\$25,837,229	<b>\$46,535,831</b>
2060-TRANSPORTATION GRANTS		\$6,855,734	\$18,731,454		\$924,426		\$1,457,221	<b>\$27,968,835</b>
2070-TRANS. SALES TAX	\$5,654,254	\$13,473,502	\$14,217,298	\$14,913,184	\$15,643,815	\$16,410,927	\$94,971,003	<b>\$175,283,983</b>
2071-TRANSPORTATION SILF			\$2,500,000					<b>\$2,500,000</b>
4010-STREETS CONSTRUCTION	\$2,681,393	\$11,355,749	\$11,585,029	\$12,047,311	\$11,502,161	\$6,817,493	\$28,192,255	<b>\$84,181,391</b>
4020-HURF CAPITAL PROJECTS	\$5,628,183	\$1,490,502	\$1,080,039	\$1,108,284	\$1,136,298	\$1,165,108	\$6,287,318	<b>\$17,895,732</b>
4030-TRANS. CAPITAL PROJECTS	\$9,918,070	\$9,005,250	\$4,354,579	\$5,587,726	\$2,856,442	\$1,723,561	\$10,555,624	<b>\$44,001,252</b>
4410-2014-DIF ST. ZN 1 EAST	\$1,244,918	\$1,497,335						<b>\$2,742,253</b>
4420-2014-DIF ST. ZN 2 W 101		\$967,896						<b>\$967,896</b>
4431-2019-DIF-STREETS	\$1,507,837	\$2,085,165	\$1,391,178	\$4,514,724	\$10,235,351		\$2,070,152	<b>\$21,804,407</b>
4434-2023-DIF STREETS WEST			\$967,896				\$10,530,115	<b>\$11,498,011</b>
<b>TOTAL</b>	<b>\$31,298,712</b>	<b>\$55,496,480</b>	<b>\$59,802,766</b>	<b>\$43,366,430</b>	<b>\$47,119,405</b>	<b>\$30,951,563</b>	<b>\$182,746,069</b>	<b>\$450,781,425</b>



# Pavement Management

**Project Number: CIPST19006**

**Description:**

Project provides for street pavement treatments and potential local grant match funding. Specific activities included in this project involve surface preparation, repairs, and overlays as needed. The street locations and treatments shall be identified in the City's ongoing Pavement Management Plan.

**Justification:**

This project targets street segments that are in need of pavement treatments. Street rehabilitation is necessary to maximize the life of the city's residential, collector, and arterial street network.

FUND	EST CARRYOVER	FY24	FY 25	FY26	FY27	FY28	FY 29-32	TOTAL
2050 – HURF	\$454,457	\$3,663,680	\$3,846,864	\$4,039,208	\$4,241,168	\$4,453,225	\$25,837,229	<b>\$46,535,831</b>
2070 – TRANS. SALES TAX	\$5,654,254	\$13,473,503	\$14,217,298	\$14,913,184	\$15,643,815	\$16,410,927	\$94,971,003	<b>\$175,283,984</b>
<b>TOTAL</b>	<b>\$6,108,711</b>	<b>\$23,245,894</b>	<b>\$18,064,162</b>	<b>\$18,952,392</b>	<b>\$19,884,983</b>	<b>\$20,864,152</b>	<b>\$120,808,232</b>	<b>\$221,819,815</b>



# Ballpark Boulevard

**Project Number: CIPST19010**

**Description:**

Project to design and construct Ballpark Boulevard. This is Phase II of this project to build the roadway to its ultimate configuration and tile the Roosevelt irrigation ditch.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY 25	FY26	FY27	FY28	FY 29-32	TOTAL
4410-2014-DIF STREETS ZONE	\$1,244,918							\$1,244,918
4410-2019-DIF STREETS	\$71,124							\$71,124
<b>TOTAL</b>	<b>\$1,316,042</b>							<b>\$1,316,042</b>



# Capital Bridge Repair Program

**Project Number: CIPST19048**

**Description:**

This program is needed to maintain city bridges to meet Federal Highway Administration standards. There are approximately 43 bridges that are inspected by Arizona Department of Transportation (ADOT) semi-annually.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY 25	FY26	FY27	FY28	FY 29-32	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$147,296	\$321,000	\$337,050	\$353,903	\$371,598	\$390,178	\$2,263,776	\$4,184,800





# Flashing Yellow Arrows

**Project Number:** CIPST20012

**Description:**

The project is to convert left-turn movements at existing signalized intersections to flashing yellow arrow operation with the purpose of improving safety. The project involves median modifications to provide better alignment.

**Justification:**

According to national data, Flashing Yellow Arrows can reduce left-turn crashes by offering motorists more opportunities to make left turns. This project provides Glendale matching funds.

FUND	EST CARRYOVER	FY24	FY 25	FY26	FY27	FY28	FY 29-32	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$513,245							\$513,245



# Vehicle Replacement

**Project Number: CIPST20013**

**Description:**

Replacement of existing vehicles that support transportation operations. The current 10-Year Transportation Vehicle Replacement Program includes 66 vehicles and are planned to be replaced depending on criteria and Fleet Services Division recommendation.

**Justification:**

Vehicle replacements are necessary to support the Transportation Department. This project is consistent with the Vehicle Replacement Program

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS	\$708,238	\$270,400	\$280,216	\$292,465	\$304,163	\$316,330	\$1,781,878	\$3,245,452
4030-TRANSPORTATION CAPITAL	\$727,019	\$270,400	\$280,216	\$292,465	\$304,163	\$316,330	\$1,781,878	\$3,245,452
<b>TOTAL</b>	<b>1,435,257</b>	<b>\$540,800</b>	<b>\$560,432</b>	<b>\$584,930</b>	<b>\$608,326</b>	<b>\$632,660</b>	<b>\$3,563,756</b>	<b>\$7,926,161</b>



# ST Recon Glendale -101 To El Mirage

**Project Number: CIPST20016**

**Description:**

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

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION		\$625,423						\$625,423



# St Recon Camelback – 83rd To 91st

**Project Number: CIPST20021**

**Description:**

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

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$452,724							\$452,724



# Bike Projects (Match)

**Project Number: CIPST20022**

**Description:**

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

**Justification:**

This project enhances the quality of life for the residents and visitors by providing additional bicycle and pedestrian facilities.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS			\$143,208	\$146,072	\$148,994	\$151,973	\$806,694	\$1,396,941



# Telecom Conduits

**Project Number: CIPST21001**

**Description:**

This project will allow additional conduits and sleeves to be installed in intersections and other roadway improvements as part of Capital Improvement Projects that occur throughout the city.

**Justification:**

Utility companies cut into existing city street networks to install new telecommunications. By providing conduits in the street sections when CIP projects occur, the utility companies will no longer need to cut into new/ improved streets.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL GOVERNMENT CAPITAL	\$209,600	\$209,600	\$209,600	\$209,600	\$209,600		\$1,048,000	\$2,096,000



# 75TH Avenue Aspera Improvements

**Project Number: CIPST21014**

**Description:**

Project includes median reconfiguration, street widening and wayfinding signage on Aspera Boulevard as well as restriping and signage on 75th Avenue and right-of-way acquisition.

**Justification:**

This project derives from a development agreement to complete infrastructure improvements in this area to allow for better traffic flow and mitigate congestion in the vicinity of Aspera Boulevard and 75th Avenue.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS		\$19,348						\$19,348



# Central Core Sidewalk Gaps

**Project Number: CIPST21015**

**Description:**

This project identifies matching funds for the installation of continuous sidewalks in the central core area.

**Justification:**

Project addresses General Plan, identifying the need to improve sidewalks. The City was awarded \$2.1 M in Federal funding for the design and construction of this project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$171,931	\$226,520						\$398,451





# 67th Avenue Bike Lanes

**Project Number:** CIPST21016

**Description:**

This project identifies matching funds for the installation of bike lanes on 67th avenue between Missouri Avenue and Cholla Street.

**Justification:**

The city was awarded \$4.3M in Federal funding for the design and construction of this project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$755,788	\$504.21						\$1,260,001



# Street Recon Bell Rd – 51st To 59th

**Project Number: CIPST21017**

**Description:**

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

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be surface reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION		\$325,986						\$325,986



# St Recon Glendale - 101 TO 91st

**Project Number: CIPST21018**

**Description:**

Project to surface reconstruct street segment between Glendale Avenue from Loop 101 to 91st Avenue and related improvements.

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be surface reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$1,093,044							\$1,093,044



# St Recon Glendale – 59th To 67th

**Project Number: CIPST21045**

**Description:**

Project to reconstruct street segment between Cactus Road from 59th Avenue to 67th Avenue.

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$124,930							\$124,930



# St Recon 75th-Glendale To Northern

**Project Number: CIPST21051**

**Description:**

Project to reconstruct street segment between 75th Ave from Glendale Avenue to Northern Avenue and related improvements.

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be surface reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$1,647							\$1,647



# ST Recon 83rd-Glendale TO Northern

**Project Number: CIPST21052**

**Description:**

Project to reconstruct street segment between 83rd Ave from Glendale Avenue to Northern Avenue and related improvements.

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be surface reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$6,510							\$6,510
4410-2019-DIF STREETS		\$1,562,665						\$1,562,665
4410-2014 —DIF-STREETS ZONE		\$1,497,335						\$1,497,335
<b>TOTAL</b>	<b>\$6,510</b>	<b>\$3,060,000</b>						<b>\$3,066,510</b>



# St Recon 67th - Greenway To Bell

**Project Number:** CIPST22043

**Description:**

Project to reconstruct 67th Avenue from Greenway Road to Bell Road and related improvements.

**Justification:**

This street segment has been identified in the Pavement Management Plan and Pavement Condition Inventory to be surface reconstructed due to poor pavement conditions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION	\$51,129							\$51,129



# Pavement Cut Repair

**Project Number: CIPST22062**

**Description:**

Project to repair street pavement cuts.

**Justification:**

Street pavement cut repair costs are to be reimbursed by contractors or other parties that have to cut streets as part of their projects.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS	\$5,084	\$109,140	\$111,323	\$113,549	\$115,820	\$118,137	\$627,081	\$1,200,133





# Transportation Network Improvements

**Project Number:** CIPST22063

**Description:**

Project for matching funds to fix safety issues throughout the City and communication system needs

**Justification:**

This project will provide for local matching funds for potential grants.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS		\$2,000,000						\$2,000,000



# Transportation Safety Program

**Project Number: CIPST22064**

**Description:**

Project for safety street components such as raised medians, flashing yellow-arrows, intersection signalization, crash barriers and other related components.

**Justification:**

This project will aid to address immediate safety concerns throughout the city and for highway safety match funds.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS	\$677,487	\$432,000	\$440,640	\$449,452	\$458,442	\$467,612	\$2,482,155	\$5,407,789



# Scallop Street Program

**Project Number: CIPST22065**

**Description:**

Glendale has streets that were initially constructed without all typical street components. These “scalloped streets” are missing one or more of the following elements: full width pavement; curb and gutter; or sidewalk on one or both sides.

**Justification:**

This project is to complete street improvement to reduce traffic accidents, enhance traffic flow, provide safety to adjacent pedestrian traffic and mitigate property flooding.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080-GENERAL GOVERNMENT	\$4,000,000	\$4,000,000					\$1,000,000	\$9,000,000



# 57th and Greenway Intersect Improv

**Project Number: CIPST22067**

**Description:**

Installation of Traffic Signal and deceleration lane at the intersection of 57th Avenue and Greenway Road.

**Justification:**

This project emerged as development related through the approval of the Planned Area Development “Village at Thunderbird.” The City is to pay a share of the cost for this improvement to accommodate increased traffic in this area.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS	\$200,000							\$200,000



# 59th and Northern Intersect Improv

**Project Number:** CIPST22068

**Description:**

Right turn lane along southbound 59th Avenue to westbound Northern Avenue.

**Justification:**

Increase capacity of southbound 59th Avenue for growth in traffic due to developments in the DIF zone.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS	\$1,055,983							\$1,055,983



# 95<sup>th</sup> Ave / Montebello Intersection

**Project Number: CIPST22120**

**Description:**

This project is to improve the intersection of 95th Avenue and Montebello Avenue. This project will include the traffic signal and associated intersection improvements

**Justification:**

These changes will be to accommodate the growing traffic in the area due to significant development activity.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS	\$161,382							\$161,382



# Olive Ave 59-67 Street Lights

**Project Number: CIPST23014**

**Description:**

This project is to add streetlights on Olive Avenue between 59th Avenue and 67th Avenue.

**Justification:**

This is a safety improvement recommendation from the Road Safety Assessment (RSA). This project has 202,123 in funding identified from Maricopa Association of Governments (MAG) towards the construction phase.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$301,644						\$301,644
4020 HURF CAPITAL PROJECTS	\$15,554							\$15,554
4030-TRANSPORTATION CAPITAL PROJECTS	\$53,950	\$13,789						\$67,739
<b>TOTAL</b>	<b>\$69,504</b>	<b>\$315,433</b>						<b>\$384,937</b>



# 61<sup>st</sup>/Olive Traffic Signal Upgrade

**Project Number: CIPST23015**

**Description:**

The project is to Upgrade the existing traffic signal at the intersection of Olive Avenue and 61st Avenue.

**Justification:**

This is a safety improvement recommendation from the Roadway Safety Assessment (RSA). The project has 301,644 in Maricopa Association of Governments (MAG) funding identified towards construction phase.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$202,123						\$202,123
4020- HURF CAPITAL PROJECTS	\$6,308							\$6,308
4030-TRANSPORTATION CAPITAL PROJECTS	\$50,423	\$9,248						\$59,671
<b>TOTAL</b>	<b>\$56,731</b>	<b>\$211,371</b>						<b>\$268,102</b>





# 53rd/Camelback New Hawk

**Project Number: CIPST23016**

**Description:**

This project is to install a high-intensity activated crosswalk beacon also known as HAWK at the intersection of 53rd Avenue and Camelback Road.

**Justification:**

A safety study conducted for this location identified a high-intensity activated crosswalk beacon also known as HAWK as a need.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$390,167						\$390,167
4030-TRANSPORTATION CAPITAL PROJECTS	\$112,050							\$112,050
<b>TOTAL</b>	<b>\$112,050</b>	<b>\$390,167</b>						<b>\$502,217</b>



# Northern Parkway Cable Barrier 2

**Project Number: CIPST23017**

**Description:**

The project is to install a median cable barrier between 143rd Avenue and 1/4-mile west of Dysart Road. This will close the gap in the median of the portion of Northern Parkway. This project is under design.

**Justification:**

The median cable barrier is intended to address safety concerns related to the potential crossover traffic.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$1,042,750						\$1,042,750
4030-TRANSPORTATION CAPITAL PROJECTS	\$155,625							\$155,625
<b>TOTAL</b>	<b>\$155,625</b>	<b>\$1,042,750</b>						<b>\$1,198,375</b>



# TMC Upgrade

**Project Number: CIPST23018**

**Description:**

Upgrade the traffic management system equipment and furnish the new operations campus location for a fully functional traffic management center.

**Justification:**

The project is needed to replace failing and outdated equipment. The TMC is critical to managing traffic operations for day-to-day needs and during large/mega-events.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS			\$228,692	\$2,013,998				\$2,242,690



# Maryland Active Transportation Impr

**Project Number: CIPST23019**

**Description:**

This project identifies local matching funds for the installation of sidewalks and bike lanes in the area immediately south of Downtown Glendale. The project area is bounded by Maryland Ave, Bethany Home Rd, 59th Ave, and 43rd Ave.

**Justification:**

This grant funded project is to close gaps in the pedestrian and bicycle system. The project will also improve access to businesses, residences, and bus stops.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS		\$143,490	\$95,155					\$238,645



# Missouri Active Transportation IMPR

**Project Number: CIPST23020**

**Description:**

This project identifies matching funds for the installation of sidewalks and bike lanes in the area immediately west of Grand Avenue. The project area is bounded by Missouri Ave, Bethany Home Rd, 61st Ave, and 51st Ave.

**Justification:**

This grant funded project is to close gaps in the pedestrian and bicycle infrastructure system. The project will also improve access to businesses, residences, and bus stops. The City was awarded \$2.4 M in Federal funding for the design and construction of this project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS			\$123,278					\$123,278



# Sarival Ave/Bethany Home Rd Signal

**Project Number: CIPST23047**

**Description:**

This project will install a traffic signal at the intersection of Sarival Avenue and Bethany Home Road. The project includes right-of-way acquisition and utility relocation efforts. A traffic signal is needed at this location based on Traffic Impact Analysis and due to increase in traffic volume related to development growth.

**Justification:**

This intersection location is anticipated to have an increase in traffic volume due to growth in the general vicinity requiring a new traffic signal.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4420-2014-DIF STREETS		\$967,896						\$967,896



# Sarival Avenue / Glendale Avenue

**Project Number: CIPST23048**

**Description:**

This project will install a traffic signal at the intersection of Sarival Ave and Glendale Ave. The project includes right-of-way acquisition and utility relocation efforts. A traffic signal is needed at this location based on Traffic Impact Analysis and due to increase in traffic volume related to development growth.

**Justification:**

This intersection location is anticipated to have an increase in traffic volume due to growth in the general vicinity requiring a new traffic signal.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4434-2023-DIF Streets West			\$967,896					\$967,896
4030-TRANSPORTATION CAPITAL PROJECTS	\$74,845							
<b>TOTAL</b>	<b>\$74,845</b>		<b>\$967,896</b>					<b>\$1,042,741</b>



# Infill Streetlights Phase II

**Project Number: CIPST23049**

**Description:**

Install new streetlights along Bethany Home Road from 43rd Avenue to 59th Avenue, and 30 in other locations citywide for phase II.

**Justification:**

The locations identified as part of this project have gaps in the street lighting system requiring an infill project to improve safety.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS		\$168,156	\$493,627	\$503,499	\$513,569			\$1,678,851





# 58th Avenue/Bethany Home Road

**Project Number: CIPST23050**

**Description:**

This project will install a High-intensity Activated crosswalk (HAWK) and wrought iron fencing along both sides of Bethany Home Road adjacent to the park to direct pedestrian traffic to the designated crossing locations. The project will also install a westbound right turn lane at 59th Avenue & Bethany Home Road.

**Justification:**

This project location is identified as needing a HAWK beacon to serve the high volume of pedestrians crossing the street. The wrought iron fence will aid in diverting pedestrian traffic from both park locations to designated crossing locations.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS			\$679,643					\$679,643
4030-TRANSPORTATION CAPITAL PROJECTS		\$89,683						\$89,683
4020 HURF CAPITAL PROJECTS	\$2,280							\$2,280
<b>TOTAL</b>	<b>\$2,280</b>	<b>\$89,683</b>	<b>\$679,643</b>					<b>\$771,606</b>



# Traffic Signal Interconnect

**Project Number: CIPST23051**

**Description:**

This project will extend the City fiber and conduit network into west Glendale by approximately 18 miles of fiber optic cable and conduit. This project would connect approximately 10 traffic signals.

**Justification:**

Traffic signals in west Glendale currently are not connected to the Glendale Traffic Management Center. Additional traffic signals are planned for west Glendale to accommodate growing traffic in the area. This infrastructure is critical to good traffic operations in the City.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$249,120	\$645,264	\$658,169	\$671,332				\$2,223,885



# Speed Feedback Signs School Zones

**Project Number: CIPST23052**

**Description:**

This project will install five (5) school zone signs and flashing beacons along arterials throughout the City. These installations will address traffic in both directions approaching each school zone. FY22-23 Arrowhead Elementary & Glendale HS FY23-24 Deer Valley HS & Copper Canon HS FY 24-25 TBD (possibly 1 or both charter schools in PHX along Camelback Rd).

**Justification:**

This project is intended to remind motorists to slow down in school zones in an effort to improve traffic safety.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$90,000	\$81,000						\$171,000



# Infill Sidewalk

**Project Number: CIPST23053**

**Description:**

The project is to install approximately one mile of new sidewalk in the City each year.

**Justification:**

This project will address gaps in the sidewalk system in the City of Glendale. Incomplete sidewalk system is an impediment to pedestrian mobility including ADA users.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$175,031	\$162,000	\$165,241	\$168,544	\$171,916	\$175,354	\$927,006	\$1,945,092



# Guardrail Update

**Project Number: CIPST23054**

**Description:**

This project is to upgrade existing bridge attenuators and guardrails at multiple locations citywide.

**Justification:**

Replacing bridge attenuators and guardrails that do not meet current standards provides safer transportation infrastructure for motorists in the City of Glendale.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$5,496	\$108,001	\$110,160	\$112,363	\$114,611	\$116,903	\$620,536	\$1,188,071



# Arterial Pavement Treatment

**Project Number:** CIPST23055

**Description:**

This project will provide pavement treatment for approximately three to five miles of arterials citywide. The mileage of improvements may vary due to cost escalation.

**Justification:**

This is to address arterial reconstruction locations that have been delayed due to the lack of bond authorization.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$535,837							\$535,837



# Arterial Street Reconstruction

**Project Number:** CIPST23056

**Description:**

This project will reconstruct up to two miles of arterial street pavement in FY 2023 and one mile in FY24. The mileage of improvements may vary due to cost escalation.

**Justification:**

This is to address arterial reconstruction locations that have been delayed due to the lack of bond authorization.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$4,976,675	\$3,706,766						\$8,683,451



# Flashing Yellow Arrows Phase 5

**Project Number:** CIPST23057

**Description:**

This project will address intersection locations that were originally part of flashing yellow arrow (FYA) Phase 3 but could not be completed due to cost escalation.

**Justification:**

Studies indicate that crashes are reduced when FYA traffic signals are implemented. The FYA treatment has a positive benefit, especially for total crashes, injury and fatal crashes, and crashes related to left-turn movements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS					\$924,426			\$924,426
4030-TRANSPORTATION CAPITAL PROJECTS				\$104,970				\$104,970
TOTAL				\$104,970	\$924,426			\$1,029,396





# 43<sup>rd</sup> Ave-Peoria Intersection IMPRV

**Project Number: CIPST24013**

**Description:**

This project is to add eastbound and southbound right turn lane on 43rd Avenue and Peoria Avenue.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and Level of Service Intersection Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4431-2019 DIF STREETS				\$31,212	\$180,405			\$211,617
TOTAL				\$31,212	\$180,405			\$211,617



# 51<sup>ST</sup> Ave –Camelback Intersection Imp

**Project Number: CIPST24014**

**Description:**

This project is to add eastbound to northbound turn lane and west bound to north bound turn lane on 51st Avenue and Camelback Road.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and Level of Service Intersection Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$191,250	\$585,225				\$776,475



# 51<sup>st</sup> Ave – Olive Intersection Imprv

**Project Number:** CIPST24015

**Description:**

This project is to add northbound and westbound right turn lanes at the intersection

**Justification:**

Addition of turn lanes will reduce delays and improve the level of service at the intersection. This road intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS		\$500,000						\$500,000



# 59<sup>th</sup> Ave-Thunderbird Intersection

**Project Number:** CIPST24016

**Description:**

This project is to add northbound to eastbound and westbound to northbound right turn lanes on 59th Avenue and Thunderbird Road

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and Level of Service Intersection Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$61,200	\$353,736				\$414,936



# 67th Ave - Greenway Intersection

**Project Number:** CIPST24017

**Description:**

This project is to add west bound dual left turn lanes along 67th Avenue and Greenway Road

**Justification:**

This road intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan. A 2022 study of the intersection identifies the westbound to southbound movement is outside the acceptable level of service.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$382,500	\$1,170,450				\$1,552,950



# 67<sup>th</sup> Ave - Peoria Intersection Imprv

**Project Number:** CIPST24018

**Description:**

This project is to add a westbound left turn lane along 67th Avenue and Peoria Avenue

**Justification:**

This road intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and Level of Service Intersection Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$22,950	\$132,651				\$155,601



# 67<sup>th</sup> Ave: Arrowhead LP To D-Valley

**Project Number:** CIPST24019

**Description:**

This project is to add a northbound through lane on 67th Avenue from Arrowhead Loop Road to Deer Valley Road to make it consistent with 67th Avenue north of Deer Valley Road.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. Additionally, it will connect a future 3rd lane to provide a logical termini.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS					\$663,255		\$2,070,152	\$2,733,407



# 67th Ave: LP 101 To Arrowhead LP

**Project Number:** CIPST24020

**Description:**

This project is to add a northbound through lane on 67th Avenue from Loop 101 to Arrowhead Loop Road to make it consistent with 67th Avenue north of Arrowhead Loop Road

**Justification:**

This Road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. The Regional Travel Demand Forecast projects a level of service E or F in 2030 at this intersection which indicates improvements are needed.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS				\$260,100	\$795,906			\$1,056,006





# 67th Ave: Pinnacle Pk to Deer Val

**Project Number:** CIPST24021

**Description:**

This project is to add a southbound through lane on 67th Avenue from Pinnacle Peak Road to Deer Valley Road.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. Additionally, this project is to provide connectivity between the City of Peoria and existing lanes south of Deer Valley intersection.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS				\$650,250	\$1,989,765			\$2,640,015



# 67th Ave-Thunderbird Intersection

**Project Number:** CIPST24022

**Description:**

This project is to add an eastbound and westbound additional through lane at 67th Avenue and Thunderbird Road.

**Justification:**

This road intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and Level of Service Intersection Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$332,928	\$489,600	\$2,546,899			\$3,369,427



# 83rd Ave -Cardinals Way Intersection

**Project Number:** CIPST24023

**Description:**

This project is to add northbound, eastbound turn lane on 83rd Avenue and Cardinals Way.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS		\$22,500	\$130,050					\$152,550



# 99th Ave: Glendale Ave To Northern

**Project Number:** CIPST24024

**Description:**

This project is to add a north-bound thru lane to fill in gaps from the existing development improvements on 99th Avenue from Glendale Avenue to Northern Avenue

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. This location is adjacent to Thompson Thrift development and provides lane connectivity.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$229,500		\$1,353,040			\$1,582,540



# Ballpark Blvd: BHR to Maryland Ave

**Project Number:** CIPST24025

**Description:**

This project is to add northbound and southbound through lanes on Ballpark Boulevard from Bethany Home Road to Maryland Avenue. This project will occur after the development to the east is complete.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. This project will connect 5-lane section in Phoenix and other 5-lane section currently being developed.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS				\$468,180	\$2,706,080			\$3,174,260



# Camelback Rd: 99th Ave To Loop 101

**Project Number:** CIPST24026

**Description:**

This project is to add eastbound and westbound through lanes on Camelback Road from 99th Avenue to Loop 101.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. The Regional Travel Demand Model shows this segment as below acceptable level of service.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4410-2019-DIF STREETS			\$40,800	\$373,320				\$414,120



# Litchfield - BHR Traffic Signal

**Project Number:** CIPST24027

**Description:**

This project is to add intersection signalization at Litchfield Road and Bethany Home Road. The project cost is planned to be shared with Maricopa County Department of Transportation (MCDOT). The estimated total cost of the project is approximately \$785K. The City of Glendale estimated share of cost is \$589K and MCDOT \$196K.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and needed per the Traffic Impact Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS							\$196,499	\$196,499
4434-2023-DIF STREETS WEST							\$589,496	\$589,496
<b>TOTAL</b>							<b>\$785,995</b>	<b>\$785,995</b>



# Northern Ave: 303 To Sarival

**Project Number:** CIPST24028

**Description:**

This project is to add an east bound lane on Northern Avenue from 303 to Sarival Avenue.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4434-2023-DIF Streets West							\$1,120,642	\$1,120,642





# Northern: Reems - Litchfield Widening

**Project Number:** CIPST24029

**Description:**

This project to widen 0.75 miles south side and .5 miles on north side on Northern Avenue from Reems Road to Litchfield Road.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan. This project will also complete a partial section adjacent to Luke Airforce Base.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4434-2023-DIF Streets West							\$2,801,605	\$2,801,605



# Northern: Sarival-Alsup Widening

**Project Number:** CIPST24030

**Description:**

This project is to add east bound lanes on Northern Avenue from Sarival to Alsup Road.

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4434-2023-DIF Streets West							\$1,400,803	\$1,400,803



# Reems-Hatcher Traffic Signal

**Project Number: CIPST24031**

**Description:**

This project is to add intersection signalization at Reems Road and Hatcher Road. A share of the cost is planned to be paid by Maricopa Department of Transportation, approximately \$168K and City of Glendale share of approximately \$504K. The estimated total cost of the project is \$672K

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and is needed per the Traffic Impact Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS							\$168,096	\$168,096
4434-2023-DIF Streets West							\$504,289	\$504,289
<b>TOTAL</b>							<b>\$672,385</b>	<b>\$672,385</b>



# Sarival: Glendale To Northern Roadw

**Project Number:** CIPST24032

**Description:**

This project is to add one northbound and one southbound lane on Sarival Avenue from Glendale to Northern Avenue

**Justification:**

This road widening project is consistent with the City of Glendale Infrastructure Improvement Plan

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4434-2023-DIF Streets West							\$3,412,603	\$3,412,603



# Sarival-Olive Traffic Signal

**Project Number: CIPST24033**

**Description:**

This project is to add intersection signalization at Sarival Avenue and Olive Avenue. The project cost is planned to be shared with Maricopa County Department of Transportation by 50%. The total cost of the project is estimated to be \$1M and the City of Glendale share of cost is approximately \$500K.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and needed per the Traffic Impact Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS							\$504,289	\$504,289
4434-2023-DIF Streets West							\$504,289	\$504,289
<b>TOTAL</b>							<b>\$1,008,578</b>	<b>\$1,008,578</b>



# Sarival-Peoria Intersection Imprv

**Project Number: CIPST24034**

**Description:**

This project is to add intersection signalization at Sariva Avenue and Peoria Avenue. The project cost is planned to be shared with the City of Surprise. The total cost of the project is approximately \$784K. The City of Glendale estimated share of cost is approximately \$196K and City of Surprise \$588K.

**Justification:**

This road Intersection capacity improvement is consistent with the City of Glendale Infrastructure Improvement Plan and needed per the Traffic Impact Analysis.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS							\$588,336	\$588,336
4434-2023-DIF Streets West							\$196,388	\$196,388
<b>TOTAL</b>							<b>\$784,724</b>	<b>\$784,724</b>



# Right of Way Landscape Plan

**Project Number:** CIPST24035

**Description:**

This project is to implement the right of way landscape plan including citywide landscape improvements

**Justification:**

There is a need to develop a long-term sustainable landscape infrastructure that includes water conservation efforts and upgrades.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
1080- GENERAL GOVERNMENT CAPITAL		\$892,067	\$918,829	\$946,394	\$370,144	\$381,248	\$797,152	\$4,305,833



# Street Design Project

**Project Number:** CIPST24036

**Description:**

This project is for the design of street reconstruction projects to be shovel ready for potential grant funding.

**Justification:**

Shovel ready projects provide the opportunity to seek potential grant funding

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION		\$1,000,000						\$1,000,000





# Transportation Plan

**Project Number: CIPST24037**

**Description:**

This project is to update and develop the long-range Transportation Plan for the Transportation Department. This plan will also help staff to secure grant funding.

**Justification:**

A Transportation Plan is a major component of the Transportation Department to better understand existing conditions and to plan for the future needs and growth in the City.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORATION CAPITAL		\$500,000	\$510,000				\$1,115,122	\$2,125,122



# Carmel Estates Pavement Settlement

**Project Number:**CIPST24038

**Description:**

Project to repair approximately 13,730 SF of sinking pavement in four (4) areas around 54th and Taro Lanes in the Carmel Estates HOA.

**Justification:**

The underlying foundation is compromised and causing the pavement surface to sink and by extension causing some damage to adjacent property. These need to be repaired as soon as possible to prevent further deterioration of the street and adjacent properties.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS		\$435,960						\$435,960



# Federal Grant Fund Match

**Project Number:**CIPST24039

**Description:**

This project is for federal grant fund match. This includes Camelback Road: 152nd avenue to Loop 303 to widen the roadway from an existing two lanes to six lanes with a center raised median with sidewalks, bike facilities and water harvesting features.

**Justification:**

Local matching funds for potential grant funded capacity projects

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2071-TRANSPORTATION SILF			\$2,500,000					\$2,500,000



# 51st Ave Corridor Project

**Project Number:**CIPST24040

**Description:**

This safety focused project will improve the street pavement, sidewalks, streetlighting, add right turn lanes, install medians, add additional controlled intersections or crossings (traffic signal or HAWK) and develop a speed management strategy for this corridor.

**Justification:**

The purpose of the project is to significantly improve its performance of the corridor, particularly in term of safety, for all road users. The estimated local share is \$5M and the grant is \$8M.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$2,034,180	\$5,981,295					\$8,015,475



# Bell Rd Corridor Project

**Project Number:**CIPST24041

**Description:**

This safety focused project will improve the street pavement, sidewalks, streetlighting, add right turn lanes, install medians, add additional controlled intersections or crossings (traffic signal or HAWK) and develop a speed management strategy for this corridor.

**Justification:**

The purpose of the project is to significantly improve the performance of the corridor, particularly in term of safety, for all road users. The estimated local share is \$4M and the grant share is \$6M.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$1,581,360	\$4,907,553					\$6,488,913



# Central Glendale Infra Imprv

**Project Number:**CIPST24042

**Description:**

The project will construct new sidewalk to close gaps in the pedestrian network; install new/upgraded sidewalk curb ramps to ensure ADA compliance; install new streetlights; and convert existing pedestrian-scale streetlights to light emitting diode equipment (LED-energy efficient).

**Justification:**

This project will address pedestrian safety by supporting a continuous, connected sidewalk system and curb ramp installation throughout the project area. Installation of streetlights will increase visibility on roads, allowing pedestrians and motorists to better see each other at night. The LED streetlight conversion supports the city's evolution towards environmentally sustainable infrastructure and operations practices. The estimated local share is \$1.9M and the grant share is \$7.6M

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$503,677	\$7,162,963					\$7,666,640



# Glendale SS4A Action Plan

**Project Number:**CIPST24043

**Description:**

This project will develop a holistic, well-defined Safety Action Plan to prevent roadway fatalities and serious injuries for all users of Glendale's roadway network.

**Justification:**

The Action Plan will identify and address pedestrian and driver safety. The estimated local share is\$199K and the grant share is \$800K

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060-TRANSPORTATION GRANTS		\$799,834						\$799,834



# ITS Upgrades (Local Match)

**Project Number:** CIPST65005

**Description:**

Project provides local match funds for Federally Funded Intelligent Transportation Systems (ITS) citywide.

**Justification:**

An enhanced system with updated communications infrastructure, traffic cameras, message signs, and networking equipment will make the traffic signal system more responsive.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$537,399	\$205,200	\$209,304	\$213,491	\$217,760	\$222,115	\$1,179,014	\$2,784,283





# Bus Pullouts

**Project Number:** CIPST65006

**Description:**

Design and construction of Bus Pullouts.

**Justification:**

Bus pullouts relieve congestion, improve air quality, and provide traffic and pedestrian safety. They will be constructed at major intersections for new routes, and to extend existing routes.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$315,869	\$324,000	\$330,479	\$337,089	\$343,831	\$350,708	\$1,861,598	\$3,863,574



# Northern Parkway

**Project Number: CIPST65016**

**Description:**

Northern Parkway is a 12.5-mile partial access-controlled roadway between Sarival and Grand avenues. The current funded phase of the project is between Sarival and 87th avenues.

**Justification:**

Per intergovernmental agreement, Glendale’s portion of local funding is \$37.9 million. To date, Glendale has expended approximately \$33.34 million towards this project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030-TRANSPORTATION CAPITAL PROJECTS	\$126,981	\$670,000	\$670,000	\$670,000	\$670,000			\$2,806,981



# Street Reconstruction Program

**Project Number:** CIPST68125

**Description:**

Street reconstruction on various arterial and collector streets as identified on the Pavement Management Plan. Approximately 2 to 3 miles per year.

**Justification:**

Street reconstruction is necessary to provide safe streets for traveling

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4010-STREETS CONSTRUCTION		\$11,355,749	\$11,585,029	\$12,047,311	\$11,502,161	\$6,817,493	\$28,192,255	\$81,499,998



# Infill Lighting Program Phase 1

**Project Number: CIPST68918**

**Description:**

Ongoing project to install additional street lighting in areas determined to be inadequate due to a spacing of 350 feet or greater. Infill street lighting requests are initiated by residents or staff and require the approval of affected residents. There are 85 street light requests in phase I.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS	\$1,206,021	\$162,001	\$165,240	\$168,545	\$171,915	\$175,353	\$930,806	\$2,979,881



# Streetlight Pole Program

**Project Number:** CIPST68922

**Description:**

This project is to remove and replace existing streetlight poles that have been identified for replacement in the pole inspection program. This program can replace approximately 27 street light poles per year.

**Justification:**

This project reduces safety concerns. This program is to mitigate safety hazards and provide better service

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4020 HURF CAPITAL PROJECTS	\$1,007,211	\$81,000	\$82,620	\$84,273	\$85,958	\$87,677	\$465,399	\$1,894,138



# FY24-33 Transit CIP Overview

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- Funded by Transportation Sales Tax (54%) and Transportation Grants (46%)
- Projects include North Glendale Park and Ride, Bus Stop Enhancements, Bus Fleet Replacement, and Transportation Program Planning



# FY24-33 Transit Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPTR21013	NORTH GLENDALE PARK & RIDE	3,493,305							<b>3,493,305</b>
CIPTR22069	BUS STOP ENHANCEMENTS	141,615	216,001	220,320	224,726	229,221	233,145	1,226,890	<b>2,491,918</b>
CIPTR22095	TRANSIT BUS FLEET REPLACEMENT	370,407		988,906	1,466,195				<b>2,825,508</b>
CIPTR65022	TRANSP. PROG. ENGR. CONSULTANT	16,000	275,000	275,000	280,000	280,000	285,000	1,455,000	<b>2,866,000</b>
<b>TOTAL</b>		<b>4,021,327</b>	<b>491,001</b>	<b>1,484,226</b>	<b>1,970,921</b>	<b>509,221</b>	<b>518,145</b>	<b>2,681,890</b>	<b>11,676,731</b>



# FY24-33 Transit by Funding Source

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060 - TRANSPORTATION GRANTS	2,870,407		988,906	1,466,195				5,325,508
4030 - TRANSPORTATION CAPITAL PROJ	1,150,920	491,001	495,320	504,726	509,221	518,145	2,681,890	6,351,223
<b>TOTAL</b>	<b>4,021,327</b>	<b>491,001</b>	<b>1,484,226</b>	<b>1,970,921</b>	<b>509,221</b>	<b>518,145</b>	<b>2,681,890</b>	<b>11,676,731</b>





# North Glendale Park & Ride Project

**Project Number: CIPTR21013**

**Description:**

This project will establish a permanent Park and Ride facility. There are currently two Express Routes that serve north Glendale. One of the routes will be re-routed to reduce revenue miles and lower operation and maintenance costs to the City.

**Justification:**

In 2008, Valley Metro conducted a Park and Ride Reprioritization Study and identified the north area as a future need for a Park & Ride.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060 - TRANSPORTATION GRANTS	\$2,500,000							\$2,500,000
4030 - TRANSPORTATION CAPITAL	\$993,305							\$993,305
<b>TOTAL</b>	<b>\$3,493,305</b>							<b>\$3,493,305</b>



# Bus Stop Enhancements

**Project Number: CIPTR22069**

**Description:**

The Glendale Bus Stop Enhancement Project is a multi-year program that will improve the passenger experience at Glendale bus stops throughout the city. This project will also bring current non-ADA compliant stops into compliance. These improvements may include shelters, benches, trash cans, concrete pads, and other related ADA improvements. There have been 196 total stops identified for improvements, with 31 earmarked for FY23, leaving 165 locations. This funding will also supplement bus stop advertising revenue to add kiosks, panels and pad space at additional bus stop locations as the program is expanded.

**Justification:**

This set of projects is intended to enhance the safety, convenience, and function of bus stops in support of Glendale transit service operations and ridership, ensuring all stops are accessible and ADA compliant.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 - TRANSPORTATION CAPITAL	\$141,615	\$216,001	\$220,320	\$224,726	\$229,221	\$233,145	\$1,226,890	<b>2,491,918</b>



# Transit Bus Fleet Replacement

**Project Number: CIPTR22095**

**Description:**

This project supports the Transit Fleet Replacement Plan. Our current plan is programmed out through 2035. Federal funding for these replacement buses are programmed in the Region’s Transportation Improvement Plan (TIP) based on our replacement plan. The matching funds for the federal funding are programmed in the Region’s Transit Life Cycle Program (TLCP), which is funded via Proposition 400.

**Justification:**

This program is part of the FTA’s 5307 Program, which funds local transit vehicles based on replacement and expansion schedules. The replacement of these vehicles also ensures public transit assets are kept in a “State of Good Repair” (SOGR), which ensures the safety of our passengers.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
2060 – TRANSPORTATION GRANTS	\$370,407		\$988,906	\$1,466,195				\$2,825,508



# Transportation Program Engineering Consultant

**Project Number: CIPTR65022**

**Description:**

Professional engineering for preparation of design concepts and administration of right-of-way purchase for roadway, bicycle, pedestrian and transit projects. This funding provides professional engineering recommendations on capital projects and operations and maintenance of completed projects. Supports grant funding opportunity for the City.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
4030 – TRANSPORTATION CAPITAL PROJECTS	\$16,000	\$275,000	\$275,000	\$280,000	\$280,000	\$285,000	\$1,455,000	<b>\$2,866,000</b>



# FY24-33 Water Services CIP Overview

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## Capital Improvement Plan Priorities:

- Provide water supply from multiple sources
- Maintain a resilient and secure infrastructure
- Meet all Federal and State regulations



# FY24-33 Wastewater CIP Overview

Major Projects for first five years:

- Rehab sewer lines, manholes and lift stations \$59.4M
- 91<sup>st</sup> Avenue Wastewater Treatment Plant \$21.8M
- Rehabilitate West Area Water Reclamation Facility \$21.1M

Funding Sources:

- 6030 – Sewer Operating
- 6095 & 6101 – Sewer Development Impact Fee



# FY24-33 Wastewater Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWW19086	SEWER LINE - GLENDALE AT 91ST AVE	100,890							100,890
CIPWW19087	ARROWHEAD SEWER LINES - PHASE 2		1,800,000	1,500,000					3,300,000
CIPWW19088	ARROWHEAD SEWER LINES - PHASE 3				2,650,000	3,350,000			6,000,000
CIPWW21026	WEST AREA WRF IMPROVEMENTS 2026				1,800,000	1,800,000	4,800,000	7,010,000	15,410,000
CIPWW21027	ARROWHEAD WRF IMPROVEMENTS 2025		400,000	2,110,000	2,000,000	6,950,000	6,950,000		18,410,000
CIPWW21028	UNDERGROUND STORAGE FACILITY PERMIT	200,000							200,000
CIPWW22076	SEWER LINE - REHAB PROGRAM	2,440,000	2,350,000	4,420,000	4,250,000	4,250,000	4,550,000	26,490,000	48,750,000
CIPWW22077	LIFT STATION REHAB PROGRAM		310,000	300,000	300,000	860,000	800,000	2,000,000	4,570,000
CIPWW22078	SEWER LINE EXTENSION	160,000							160,000
CIPWW22090	VISION 2 DEVELOPMENT PROJECT	6,178,170							6,178,170
CIPWW23010	ROOF REPLACEMENT – SEWER	20,200	202,000	101,000	261,600				584,800



# FY24-33 Wastewater Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWW23012	SEWER DEVELOPMENT INFRASTRUCTURE	189,427	5,810,000	1,160,000	160,000	160,000	160,000	320,000	7,959,427
CIPWW60016	WEST AREA WRF IMPROVEMENTS 2017	2,131,556	7,605,000	3,000,000					12,736,556
CIPWW63003	99TH AVE INTERCEPTOR LINE	658,628	571,000	3,791,000		1,310,000	1,310,000		7,640,628
CIPWW63006	ARROWHEAD SEWER LINES PHASE 1	62,753							62,753
CIPWW63010	91ST AVENUE WWTP IMPROVEMENTS	1,868,264	2,720,000	4,800,000	4,400,000	4,000,000	4,000,000	20,000,000	41,788,264
CIPWW63016	SEWER LINE - PHASE V	159,862							159,862
CIPWW63024	SEWER MANHOLE REHAB PROGRAM	420,888	500,000	500,000	500,000	530,000	530,000	3,000,000	5,980,888
CIPWW63030	LIFT STATION REHAB- 67TH AVE & ACDC	362,590							362,590
CIPWW63031	WASTEWATER CAPITAL EQUIPMENT	42,390	300,000	500,000	250,000	250,000	250,000	5,000,000	6,592,390
CIPWW63032	WASTEWATER COLLECTION IMPROVEMENTS	27,105	300,000	300,000	300,000	300,000	300,000	5,000,000	6,527,105
<b>TOTAL</b>		<b>15,022,724</b>	<b>22,868,000</b>	<b>22,482,000</b>	<b>16,871,600</b>	<b>23,760,000</b>	<b>23,650,000</b>	<b>68,820,000</b>	<b>193,474,324</b>





# FY24-33 Wastewater by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030	SEWER FUND	14,673,297	17,058,000	21,322,000	16,711,600	23,600,000	23,490,000	68,500,000	<b>185,354,897</b>
6095	2014 SEWER DIF	349,427	5,810,000	1,160,000	160,000	160,000	160,000	320,000	<b>8,119,427</b>
<b>TOTAL</b>		<b>15,022,724</b>	<b>22,868,000</b>	<b>22,482,000</b>	<b>16,871,600</b>	<b>23,760,000</b>	<b>23,650,000</b>	<b>68,820,000</b>	<b>193,474,324</b>



# Sewer Line – Glendale at 91<sup>st</sup> Avenue

**Project Number:** CIPWW19086

**Description:**

Assess, design and construct 24" sewer line improvements in Glendale Avenue at 91st Avenue.

**Justification:**

This project will provide additional sewer line capacity in the area along Glendale Avenue at 91st Avenue as new development occurs.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$100,890							\$100,890



# Arrowhead Sewer Lines – Phase 2

**Project Number: CIPWW19087**

**Description:**

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

**Justification:**

The sewer line and manholes that collect wastewater flow to the Arrowhead Water Reclamation Facility are over 30 years old. This is the only sewer line that conveys sewage to the ARWRF for treatment.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND		\$1,800,000	\$1,500,000					\$3,300,000



# Arrowhead Sewer Lines – Phase 3

**Project Number:** CIPWW19088

**Description:**

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

**Justification:**

The sewer line and manholes that collect wastewater flow to the Arrowhead Water Reclamation Facility are over 30 years old. This is the only sewer line that conveys sewage to the ARWRF for treatment.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND				\$2,650,000	\$3,350,000			\$6,000,000



# West Area WRF Improvements 2026

**Project Number: CIPWW21026**

**Description:**

Assess, design and rehabilitate 24' force main from 99th Avenue to plant. Includes construction of Phase III improvements to plant process areas.

**Justification:**

West Area was built in 2000 and processes 2.7 billion gallons of wastewater annually. Several of the processes were replaced over the last several years. A condition assessment will be performed first on the components not rehabbed in 2017 project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND				\$1,800,000	\$1,800,000	\$4,800,000	\$7,010,000	<b>\$15,410,000</b>



# Arrowhead WRF Improvements 2025

**Project Number: CIPWW21027**

**Description:**

Design and construct Effluent Reuse Distribution System (ERDS) structure, outlet valves, blowers, and other process rehabilitation and improvements.

**Justification:**

Arrowhead was built in 1985 and processes 1.5 billion gallons of wastewater annually. Several of the processes were replaced over the last three years. A condition assessment will be performed first on the components not rehabbed in 2017 project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND		\$400,000	\$2,110,000	\$2,000,000	\$6,950,000	\$6,950,000		<b>\$18,410,000</b>



# Underground Storage Facility Permit

**Project Number: CIPWW21028**

**Description:**

Conduct required analysis to prepare application for Underground Storage Facility (USF) permit issued by the Arizona Department of Water Resources (ADWR).

**Justification:**

USF permit is required to store reclaimed effluent in the ground. The ADWR issues the permit. USF permit for West Area expires 2023. The USF permit for Arrowhead expires 2024. Permits must be renewed before the expiration date.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$200,000							\$200,000



# Sewer Line Rehabilitation Program

**Project Number: CIPWW22076**

**Description:**

Program to rehabilitate or replace sewer lines in segments. Design and construct based on condition assessments. Includes rehab of phase VI, and phase VII.

**Justification:**

Reliably and safely convey sewage from residential and business through the sewer system. Project is needed to reduce risk of sewer line collapse and overflows in the system.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$2,440,000	\$2,350,000	\$4,420,000	\$4,250,000	\$4,250,000	\$4,550,000	\$26,490,000	\$48,750,000





# Lift Station Rehabilitation Program

**Project Number: CIPWW22077**

**Description:**

Assess condition and rehabilitate lift stations and related force mains citywide.

**Justification:**

It is important to ensure the lift stations are in good operational conditions and meet safety requirements. Potential equipment failure would cause sewerage overflows.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND		\$310,000	\$300,000	\$300,000	\$860,000	\$800,000	\$2,000,000	\$4,570,000



# Sewer Line Extension

**Project Number: CIPWW22078**

**Description:**

Sewer line extension, oversizing, and other sewer facilities in the city to the east of 115th Avenue.

**Justification:**

Provide funding for oversizing and extension of sewer line. Funding included in 2019 Infrastructure Improvement Plan (IIP).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6095 – 2014 DIF SEWER	\$160,000							\$160,000



# Vision 2 Development Project

**Project Number: CIPWW22090**

**Description:**

Design and construct sewer lift station adjacent to Ballpark Blvd and the SWC of the Vision 2 development area to transport wastewater to the 99th Avenue Interceptor connection on the east side of the area.

**Justification:**

A lift station pumps wastewater collected from a lower elevation area to a connection on a gravity forced sewer line that is at a higher elevation. This allows for sewer services to an area that otherwise could not be connected to the sewer system.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$6,178,170							\$6,178,170



# Roof Replacement - Sewer

**Project Number:** CIPWW23010

**Description:**

Replace roofs on wastewater facilities per Facilities assessment schedule dated 11/22/2021.

**Justification:**

Roof rehabilitation and replacement is needed to prevent damage to building infrastructure and contents.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$20,200	\$202,000	\$101,000	\$261,600				\$584,800



# Sewer Development Infrastructure

**Project Number: CIPWW23012**

**Description:**

Infrastructure Improvement Plan (IIP) includes projects for sewer line extension, oversizing, and other infrastructure to increase capacity due to growth.

**Justification:**

Provide funding for oversizing and extension of sewer line for new development. Funding included in 2019 Infrastructure Improvement Plan (IIP).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6095 - 2014 SEWER DIF	\$189,427	\$5,810,000	\$1,160,000	\$160,000	\$160,000	\$160,000	\$320,000	\$7,959,427



# West Area WRF Improvements 2017

**Project Number: CIPWW60016**

**Description:**

Study, design and construct improvements to process areas. The project has three phases. GMP 1: fine screens, ultraviolet (UV) system. GMP 2: raw sewage pump station, sedimentation basin and other plant improvements. GMP 2A: clarifiers.

**Justification:**

West Area was built in 2000 and processes 2.7 billion gallons of wastewater annually. Several of the processes were replaced over the last several years. A condition assessment will be performed first on the components not rehabbed in 2017 project.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$2,131,556	\$7,605,000	\$3,000,000					\$12,736,556



# 99<sup>th</sup> Avenue Interceptor Line

**Project Number: CIPWW63003**

**Description:**

Assess and rehabilitate 99th Ave interceptor manholes and interior lining. Glendale's share of total cost is based on ownership of 71%. Epcor repays 21% of Glendale share for Sun City use.

**Justification:**

The 99th Avenue interceptor conveys sewerage from Glendale, Sun City, Peoria, and Phoenix to the 91st Ave WWTP. The interceptor is rehabilitated in phases based on condition assessments.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$658,628	\$571,000	\$3,791,000		\$1,310,000	\$1,310,000		\$7,640,628



# Arrowhead Sewer Lines – Phase 1

**Project Number:** CIPWW63006

**Description:**

Replacement or rehabilitation of sewer lines in the Arrowhead Ranch area to improve sewer flow condition and reduce odor. Phase 1 includes from ARWRF under L101 for 1,639' to apprx 76th Ave.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$62,753							\$62,753





# 91<sup>st</sup> Avenue WWTP Improvements

**Project Number: CIPWW63010**

**Description:**

Improvements at the 91st Ave WWTP of which Glendale is part owner. Includes GL03 metering station rehabilitation with EPCOR sharing in the cost of this project. This is Glendale's 6.5% share of costs.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$1,868,264	\$2,720,000	\$4,800,000	\$4,400,000	\$4,000,000	\$4,000,000	\$20,000,000	<b>\$41,788,264</b>



# Sewer Line – Phase 5

**Project Number:** CIPWW63016

**Description:**

Rehabilitate or replace sewer lines in phase V segments. Design and construct based on condition assessments.

**Justification:**

Reliably and safely convey sewage from residential and business through the sewer system. Project is needed to reduce risk of sewer line collapse and system overflows.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$159,862							\$159,862



# Sewer Manhole Rehab Program

**Project Number: CIPWW63024**

**Description:**

Manhole rehabilitation throughout the city. Construction performed in phases.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$420,888	\$500,000	\$500,000	\$500,000	\$530,000	\$530,000	\$3,000,000	\$5,980,888



# Lift Station Rehabilitation 67<sup>th</sup> Avenue and ACDC

**Project Number:** CIPWW63030

**Description:**

Assess condition and rehabilitate Lift Station #2 at 67th Avenue and the Arizona Canal Diversion Channel.

**Justification:**

It is important to ensure the lift stations are in good operational conditions and meet safety requirements. Potential equipment failure would cause system overflows.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$362,590							\$362,590



# Wastewater Capital Equipment

**Project Number: CIPWW63031**

**Description:**

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

**Justification:**

As equipment at the wastewater treatment plants reach the end of service-life, it is replaced. It is critical to ensure City's treatment facilities are in good operational condition to meet demands and regulatory requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$42,390	\$300,000	\$500,000	\$250,000	\$250,000	\$250,000	\$5,000,000	<b>\$6,592,390</b>



# Wastewater Collections Improvements

**Project Number: CIPWW63032**

**Description:**

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

**Justification:**

As wastewater collection system equipment reaches the end of service-life, it is replaced. It is critical to ensure City's collection system is in good operational condition to meet demands and regulatory requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6030 - SEWER FUND	\$27,105	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$5,000,000	\$6,527,105



# FY24-33 Water CIP Overview

Major Projects for first five years:

- Rehab water lines, booster stations and reservoirs \$48.0M
- Rehab water treatment plants \$41.0M
- Add new groundwater wells and rehab existing \$26.8M
- Add water rights and supply infrastructure \$7.0M

Funding Sources:

- 6020 – Water Operating
- 6065 & 6071 – Water Development Impact Fee



# FY24-33 Water Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWA19018	WATER RIGHTS & OTHER SUPPLY SOURCES			500,000	3,500,000	875,000	1,875,000	6,375,000	<b>13,125,000</b>
CIPWA19020	SCADA REPLACEMENT STUDY		800,000			1,000,000	1,000,000		<b>2,800,000</b>
CIPWA19021	STORAGE & RECOVERY WELLS REHAB	88,969	100,000	450,000			460,000	2,200,000	<b>3,298,969</b>
CIPWA19022	GROUNDWATER WELLS & INTERCONNECTS	3,607,237	3,590,000	3,980,000	3,370,000		1,610,000	10,250,000	<b>26,407,237</b>
CIPWA21022	OASIS WTP - 2023 IMPROVEMENTS	257,642	1,280,000	1,766,000				16,500,000	<b>19,803,642</b>
CIPWA21023	PYRAMID PEAK - 2027 IMPROVEMENTS	1,100,000			500,000	3,000,000	3,000,000	23,000,000	<b>30,600,000</b>
CIPWA21024	CHOLLA WTP - 2023 IMPROVEMENTS	683,612	4,000,000	6,220,000	6,000,000	6,000,000	4,000,000	20,000,000	<b>46,903,612</b>
CIPWA21025	WATER LINE - PACK 2 REHAB	2,272,241							<b>2,272,241</b>
CIPWA21031	ASSURED WATER SUPPLY OBLIGATION	224,480							<b>224,480</b>
CIPWA21032	67TH AVE TRANS LINE IMPROVEMENTS	689,060							<b>689,060</b>
CIPWA22070	WATER VALVE REPLACEMENT - ARP	308,000							<b>308,000</b>





# FY24-33 Water Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWA22071	WATER LINE 59TH - GLENN TO NORTHERN		100,000	2,200,000	400,000				2,700,000
CIPWA22072	WATER LINE - CAMELBACK 51ST TO 59TH						5,000,000		5,000,000
CIPWA22074	DATA MANAGEMENT PROGRAM	103,500							103,500
CIPWA22079	WATER LINE BETHANY HM 43RD TO 51ST	900,000		2,590,000					3,490,000
CIPWA23008	WATER METER DATA COLLECTION SYSTEM	170,000	2,500,000	1,000,000					3,670,000
CIPWA23009	ROOF REPLACEMENT – WATER	181,800	202,000	202,000	202,000				787,800
CIPWA23011	WATER DEVELOPMENT INFRASTRUCTURE	984,140	650,000	150,000	150,000	150,000	150,000	750,000	2,984,140
CIPWA60015	ASSET MANAGEMENT PROGRAM	103,706							103,706
CIPWA60017	WATER & WASTEWATER SYSTEMS MODELING	54,304	500,000	150,000	150,000	150,000	150,000		1,154,304
CIPWA60018	LABORATORY EQUIPMENT REPLACEMENT	208,912	150,000	150,000					508,912
CIPWA60019	VEHICLE REPLACEMENT PROGRAM	216,691	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000	9,466,691



# FY24-33 Water Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWA61001	LARGE WATER VALVE REPLACEMENT PRGM	67,769	1,195,000	1,248,000	1,248,000	1,248,000	1,248,000	9,370,000	<b>15,624,769</b>
CIPWA61013	WATER LINE REHABILITATION PROGRAM	506,000	2,996,000	2,996,000	3,000,000	3,000,000	3,000,000	12,650,000	<b>28,148,000</b>
CIPWA61023	WATER SYSTEM SECURITY	57,693	150,000	150,000	150,000	150,000	150,000	350,000	<b>1,157,693</b>
CIPWA61024	CHOLLA WTP - 2014 IMPROVEMENTS	920,612							<b>920,612</b>
CIPWA61043	PYRAMID PEAK - 2017 IMPROVEMENTS	358,813							<b>358,813</b>
CIPWA61045	THUNDERBIRD RESERVOIR REHAB	473,290	2,400,000	1,100,000					<b>3,973,290</b>
CIPWA61047	METER VAULT REPLACEMENT PROGRAM	73,817	512,000		515,000	515,000	515,000		<b>2,130,817</b>
CIPWA61048	GROUNDWATER WELL REHAB PROGRAM	2,556,575	400,000	1,900,000	1,670,000	3,200,000	950,000	6,000,000	<b>16,676,575</b>
CIPWA61049	BOOSTER STATION - 69TH & DEER VALLEY	300,211	1,850,000						<b>2,150,211</b>
CIPWA61051	ACCRUE LONG-TERM WATER CREDITS	200,000	100,000						<b>300,000</b>
CIPWA61054	DISTRIBUTION SYSTEM IMPROV PROGRAM	559,365	300,000	500,000	500,000	500,000	500,000		<b>2,859,365</b>



# FY24-33 Water Projects

PROJECT #	PROJECT NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
CIPWA61055	OASIS WTP - 2017 IMPROVEMENTS	360,000							360,000
CIPWA61058	PYRAMID PEAK WTP EXPANSION	93,192							93,192
CIPWA61061	WATER CAPITAL EQUIPMENT REPLACEMENT	46,950	500,000	600,000	700,000	700,000	700,000	3,500,000	6,746,950
CIPWA61062	TRANSMISSION LINE & VALVE ASSESSMNT	33,873	380,000	800,000	800,000	800,000			2,813,873
<b>TOTAL</b>		<b>18,762,453</b>	<b>25,905,000</b>	<b>29,652,000</b>	<b>23,855,000</b>	<b>22,288,000</b>	<b>25,308,000</b>	<b>114,945,000</b>	<b>260,715,454</b>



# FY24-33 Water by Funding Source

FUND	FUND NAME	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020	WATER FUND	17,689,084	23,990,000	27,612,000	19,440,000	21,263,000	23,283,000	107,820,000	<b>241,097,084</b>
6065	2014 WATER DIF	1,073,370	1,915,000	2,040,000	4,415,000	1,025,000	2,025,000	7,125,000	<b>19,618,370</b>
<b>TOTAL</b>		<b>18,762,454</b>	<b>25,905,000</b>	<b>29,652,000</b>	<b>23,855,000</b>	<b>22,288,000</b>	<b>25,308,000</b>	<b>114,945,000</b>	<b>260,715,454</b>



# Water Rights & Other Supply Sources

**Project Number: CIPWA19018**

**Description:**

100-year lease of Central Arizona Project water rights per the White Mountain Apache Tribe settlement for allocation of 2,363 acre feet annually. Execution of the agreement is at the Federal approval process level. 50% of settlement is required at final execution of agreement.

**Justification:**

Council approved the lease settlement on February 24, 2009, and approved the amended and restated WMAT Water Quantification agreement on February 12, 2013. Additional water rights assures water is available for growth.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6065 - 2014 WATER DIF			\$500,000	\$3,500,000	\$875,000	\$1,875,000	\$6,375,000	<b>\$13,125,000</b>



# SCADA Improvement Program

**Project Number: CIPWA19020**

**Description:**

Develop a plan to upgrade equipment of the Supervisory Control and Data Acquisition (SCADA) system to new technologies. Future years will add equipment and improvements based on recommendations from study.

**Justification:**

SCADA controls the automated treatment processes within the plants and distribution systems. System components are at end of service life. New technologies will reduce risk of failure at critical measurement points and increase resiliency of the systems.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND		\$800,000			\$1,000,000	\$1,000,000		\$2,800,000



# Storage & Recovery Wells Rehab

**Project Number: CIPWA19021**

**Description:**

Rehabilitate Aquifer Storage and Recovery wells (two at the Arrowhead WRF & two at Oasis Lake) and eight vadose zone recharge wells (six at the AWRF and two at Oasis Lake).

**Justification:**

Wells require annual maintenance and equipment rehabilitation maintain the system's resiliency. These recharge wells recharge effluent to various groundwater levels to maximize groundwater storage credits for later withdrawal.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$88,969	\$100,000	\$450,000			\$460,000	\$2,200,000	\$3,298,969



# Groundwater Wells & Interconnects

**Project Number: CIPWA19022**

**Description:**

Design and construct new direct-connect groundwater wells and interconnects to potable water supply from adjacent cities of Phoenix and Peoria.

**Justification:**

Provide water supply for system growth and redundancy from multiple sources at times of restricted supply is critical. Wells provide direct supply during drought management, plant shut-down, or transmission interruptions.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$3,518,007	\$2,325,000	\$2,590,000	\$2,605,000		\$1,610,000	\$10,250,000	\$22,898,007
6065 - 2014 WATER DIF	\$89,230	\$1,265,000	\$1,390,000	\$765,000				\$3,509,230
<b>TOTAL</b>	<b>\$3,607,237</b>	<b>\$3,590,000</b>	<b>\$3,980,000</b>	<b>\$3,370,000</b>		<b>\$1,610,000</b>	<b>\$10,250,000</b>	<b>\$26,407,237</b>





# Oasis WTP – 2023 Improvements

**Project Number: CIPWA21022**

**Description:**

Evaluate, design, and construction process improvements and rehabilitation of system components at the Oasis WTP. System components Include: brine ponds, IX plant conveyance, Entry Point to Distribution System (EPDS), HVAC, chemical feed pumps, and other processes. Last five-year amount is placeholder for next assess & rehab cycle.

**Justification:**

Oasis WTP was built in 2007 and expanded in 2012. Oasis treats 2.2 billion gallons of water for the southern and western portions of Glendale. A condition assessment and rehabilitation program of the plant every 5 - 7 years makes for a reliable and efficient treatment facility.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$257,642	\$1,280,000	\$1,766,000				\$16,500,000	\$19,803,642



# Pyramid Peak WTP– 2027 Improvement

**Project Number: CIPWA21023**

**Description:**

Evaluate, design, and construct process improvements and rehabilitation of system components at the Pyramid Peak WTP. System components include gate valves, sedimentary basins, lagoon pumps, chlorine generator, and other systems. Last five-year amount is placeholder for next assess & rehab cycle. Peoria will contribute 55.6% of the cost.

**Justification:**

Pyramid is a critical water treatment plant of CAP supplied water. Pyramid treats 12.1 billion gallons of water for the northern portion of Glendale and Peoria. A condition assessment and rehabilitation program of the plant every 5 - 7 years makes for a reliable and efficient treatment facility.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$1,100,000			\$500,000	\$3,000,000	\$3,000,000	\$23,000,000	\$30,600,000



# Cholla WTP – 2023 Improvements

**Project Number: CIPWA21024**

**Description:**

Evaluate, design, and construct process improvements and rehabilitation of system components at the Cholla WTP. The system components include: preoxidation, backwash pumps, centrifuge & solid handling, filters & floc drives, chlorine generator, and other systems. Last five-year amount is placeholder for next assess & rehab cycle.

**Justification:**

Cholla is a critical water treatment plant of SRP supplied water. Cholla treats 4.3 billion gallons of water for the central portion of Glendale. A condition assessment and rehabilitation program of the plant every 5 - 7 years makes for a reliable and efficient treatment facility.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$683,612	\$4,000,000	\$6,220,000	\$6,000,000	\$6,000,000	\$4,000,000	\$20,000,000	<b>\$46,903,612</b>



# Water Line – Pack 2 Rehabilitation

**Project Number: CIPWA21025**

**Description:**

Design and construct waterline replacement. Work is performed in phases based on condition assessments. Includes segments in 54th Avenue, Maryland, Northern and Lamar.

**Justification:**

The average age of the water distribution system is over 35 years old. Rehabilitation or replacement is performed based on evaluation of the condition of the line segment to reduce risk of failure.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$2,272,241							\$2,272,241



# Assured Water Supply Obligation

**Project Number: CIPWA21031**

**Description:**

Conduct a study of City' s water supply to prepare the renewal application to the Arizona Department of Water Resources. Permit scheduled to expire in 2023.

**Justification:**

The city must demonstrate that sufficient supplies of water are physically, continuously and legally available for at least 100 years. The application to modify/renew the designation is due to ADWR by December 31, 2023.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$224,480							\$224,480



# 67<sup>th</sup> Ave. Transmission Line Improvements

**Project Number:** CIPWA21032

**Description:**

Design and install access manholes to portals in the 67th Ave transmission line from PPWTP to Deer Valley Road. Project includes emergency repair parts and fittings.

**Justification:**

Need access from the street level to assess the condition of large transmission line interior.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$689,060							\$689,060



# Water Valve Replacement - ARP

**Project Number:** CIPWA22070

**Description:**

Replace large water valves ahead of Arterial (streets) Reconstruction Program (ARP). Nine arterial segments are identified.

**Justification:**

Street segments identified in Arterial Reconstruction Program due to low critical Pavement Condition Index (PCI) for replacement. Replace valves 9-12 months ahead of construction start.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$308,000							\$308,000



# Water Line 59<sup>th</sup> – Glenn to Northern

**Project Number: CIPWA22071**

**Description:**

Design and construct new water line and associated appurtenances. Includes 4,900'-water line, 48-valves, 16-service lines, and 5-fire hydrants in 59 Ave - Glenn to Northern Ave.

**Justification:**

Street segments identified in Arterial Reconstruction Program due to low critical Pavement Condition Index (PCI) for replacement. Replace water line and valves 9-12 months ahead of construction start.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND		\$100,000	\$2,200,000	\$400,000				\$2,700,000





# Water Line – Camelback – 51<sup>st</sup> to 59<sup>th</sup>

**Project Number:** CIPWA22072

**Description:**

Design and construct new water line and associated appurtenances in Camelback Road from 51st Ave to 59th Ave.

**Justification:**

Street segments identified in Arterial Reconstruction Program due to low critical Pavement Condition Index (PCI) for replacement. Replace water line and valves 9-12 months ahead of construction start.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND						\$5,000,000		\$5,000,000



# Data Management Program

**Project Number: CIPWA22074**

**Description:**

Assess and implement new data management application to manage all department data base apps. Develop dashboard bench-marks.

**Justification:**

Department data bases are fragmented, out of date, and do not provide centralized management of results. New technology will "mine" all data bases and provide real-time results to manage treatment operations more effective and efficiently.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$103,500							\$103,500



# Water Line – Bethany Home – 43<sup>rd</sup> to 51<sup>st</sup>

**Project Number: CIPWA22079**

**Description:**

Design and construct new water line & associated appurtenances. Includes 6,100' water line, 81 valves, 38 service lines, 20-fire hydrants in Bethany Hm. Rd. 43rd to 300' west of 51st under Grand Ave.

**Justification:**

Street segments identified in Arterial Reconstruction Program due to low critical Pavement Condition Index (PCI) for replacement. Replace water line and valves 9-12 months ahead of construction start.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$900,000		\$2,590,000					\$3,490,000



# Water Meter Data Collection System

**Project Number: CIPWA23008**

**Description:**

Evaluate Advance Metering Infrastructure (AMI) technologies. Manage the selection and implementation of the new water meter data collection infrastructure.

**Justification:**

New water meter data collection technology can now provide real-time collection and billing results to manage treatment operations effectively and efficiently and provide enhance customer experience.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$170,000	\$2,500,000	\$1,000,000					\$3,670,000



# Roof Replacement – Water

**Project Number:** CIPWA23009

**Description:**

Replace roofs on water facilities per Facilities assessment schedule dated 11/22/2021.

**Justification:**

Roof rehabilitation and replacement is needed to prevent damage to building infrastructure and contents.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$181,800	\$202,000	\$202,000	\$202,000				\$787,800



# Water Development Infrastructure

**Project Number: CIPWA23011**

**Description:**

Infrastructure Improvement Plan (IIP) includes projects for water line extension and oversizing in the city to the east of 115th Avenue and acquisition of water supply rights.

**Justification:**

Provide funding for oversizing and extension of water line. Funding included in 2019 Infrastructure Improvement Plan (IIP).

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6065 - 2014 WATER DIF	\$984,140	\$650,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	<b>\$2,984,140</b>



# Asset Management Program

**Project Number: CIPWA60015**

**Description:**

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

**Justification:**

Establishing an asset management system and replacing work order software will provide governance of how we maintain and replace assets for sustainability and provide real time data for prioritizing CIP Improvements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$103,706							\$103,706



# Water & Wastewater Systems Modeling

**Project Number: CIPWA60017**

**Description:**

Update Integrated Master Plan to include the plans for water, sewer, reclaimed water, and stormwater systems. Perform ad hoc Water & Wastewater Systems modeling.

**Justification:**

This project provides needed planning and modeling to ensure necessary infrastructure is available, and water resources are available to meet anticipated demands to support future development.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$54,304	\$500,000	\$150,000	\$150,000	\$150,000	\$150,000		\$1,154,304





# Laboratory Equipment Replacement

**Project Number: CIPWA60018**

**Description:**

Replace major water quality laboratory test equipment as each reaches the end of service-life.

**Justification:**

Critical laboratory test equipment is at the end of useful life. Maintenance is becoming costly versus replacement or using outside laboratory services. Water quality testing is mandatory to the treatment of water.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$208,912	\$150,000	\$150,000					\$508,912



# Vehicle Replacement Program

**Project Number: CIPWA60019**

**Description:**

Replacement of vehicles, heavy trucks, and excavation equipment. Replacement is based on service life, usage, condition, and cost to maintain.

**Justification:**

Mobility is critical to effectively and efficiently perform work required. The fleet is comprised of over 165 units for a cost to replace of more than \$10 million. Units range in value from \$50,000 to \$500,000 with service life of 10 to 20 years.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$216,691	\$1,250,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	<b>\$9,466,691</b>



# Large Water Valve Replacement Program

**Project Number: CIPWA61001**

**Description:**

Replace 6" to 18" water main valves, related water lines and fire hydrants to maintain the operational reliability of the City's water distribution and fire suppression systems. Depending on size and condition, 150 to 200 valves are replaced annually.

**Justification:**

Age of main valves vary, with many of them over 25 years old. Replacement is required along with any attached fire hydrants and service lines to reduce the risk of equipment failure.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$67,769	\$1,195,000	\$1,248,000	\$1,248,000	\$1,248,000	\$1,248,000	\$9,370,000	<b>\$15,624,769</b>



# Water Line Rehabilitation Program

**Project Number: CIPWA61013**

**Description:**

Design and construct waterline replacement. Work is performed in phases based on condition assessments. As segments are scheduled, budget will be separated into single project from this placeholder.

**Justification:**

The average age of the water distribution system is over 35 years old. Rehabilitation or replacement is performed based on evaluation of the condition of the line segment to reduce risk of failure.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$506,000	\$2,996,000	\$2,996,000	\$3,000,000	\$3,000,000	\$3,000,000	\$12,650,000	<b>\$28,148,000</b>



# Water System Security

**Project Number: CIPWA61023**

**Description:**

Replace video, communication, and perimeter equipment to enhance security of city's water supply, treatment plants and distribution systems.

**Justification:**

Replace cameras and equipment at Water Services facilities to further enhance security of City's water supply, treatment plants and distribution systems. Required to ensure the city complies with the federal homeland security requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$57,693	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$350,000	<b>\$1,157,693</b>



# Cholla WTP – 2014 Improvements

**Project Number: CIPWA61024**

**Description:**

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

**Justification:**

Cholla is a critical water treatment plant. This plant provides 4 billion gallons of water annually to the central portion of Glendale. Rehabilitation reduces risk of equipment failure, loss of service to citizens, and implements new efficiencies.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$920,612							\$920,612



# Pyramid Peak – 2017 Improvements

**Project Number: CIPWA61043**

**Description:**

Study, design, and construct process improvements to the water supply system, wash water system, chemical feed system, electrical system, and HVAC systems. City of Peoria shares in 23% of the costs.

**Justification:**

Pyramid is a critical water treatment plant. The plant provides 13 billion gallons of water annually to the northern portion of Glendale. Rehabilitation reduces risk of equipment failure, loss of service to citizens, and implements new efficiencies.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$358,813							\$358,813



# Thunderbird Reservoir Rehab

**Project Number: CIPWA61045**

**Description:**

Design and construct improvements to improve water quality and water delivery during peak demand and construct roof replacement.

**Justification:**

The 12-million gallon reservoir was constructed in 1985 and is essential to meet peak hourly water demand within the northern and central portion of Glendale.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$473,290	\$2,400,000	\$1,100,000					\$3,973,290





# Meter Vault Replacement Program

**Project Number: CIPWA61047**

**Description:**

Program to replace 204 large in-ground meter vaults. Work will be contracted in phases. Have completed 142 vaults. Cost varies with each vault upgrade.

**Justification:**

The program includes evaluation of each vault as to repair or replace to meet safety standards for confined space entry.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$73,817	\$512,000		\$515,000	\$515,000	\$515,000		\$2,130,817



# Groundwater Well Rehabilitation Program

**Project Number: CIPWA61048**

**Description:**

Assess operating components and water quality at sixteen groundwater wells. Rehab and replace well and components per assessment.

**Justification:**

Wells need rehabilitation every 5-10 years to maintain production and water quality levels and replacement at end of service-life. Rehabilitation reduces risk of equipment failure, loss of service, and decrease in water quality.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$2,556,575	\$400,000	\$1,900,000	\$1,670,000	\$3,200,000	\$950,000	\$6,000,000	<b>\$16,676,575</b>



# Booster Station – 69<sup>th</sup> & Deer Valley

**Project Number: CIPWA61049**

**Description:**

Make operating improvements between Zone 2 and Zone 3 water distribution system to increase service resiliency. Includes rehabilitation to Hillcrest Ranch booster station (HRBS) pumps, motors, electrical and communication components.

**Justification:**

This booster station was constructed in 1992 and is being upgraded to provide emergency water supply from the southern to the northern portion of Glendale if there is an event of reduced production.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$300,211	\$1,850,000						\$2,150,211



# Accrue Long-Term Water Credits

**Project Number: CIPWA61051**

**Description:**

Using the Groundwater Saving Facilities, purchase Central Arizona Project water to store and accrue long-term water storage credits for use during supply shortages.

**Justification:**

Accrued long-term water storage credits (LTWC) can be recovered during a time of drought. LTWC adds to city's water portfolio needed for the ADWR 100-year Assured Water Supply designation. This program adds resiliency to the city water supply.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$200,000	\$100,000						\$300,000



# Distribution System Improvement Program

**Project Number: CIPWA61054**

**Description:**

Design and construct water distribution system improvements city-wide. Includes PRVs, water instrumentation, flow meters, sub-zone splitting.

**Justification:**

Pressure reducing valves (PRV) and process control systems have reached the end of useful life. It is very important to ensure the PRVs are functional to move water between different pressure zones to meet water demand and manage water pressure.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$559,365	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000		\$2,859,365



# Oasis WTP – 2017 Improvements

**Project Number:** CIPWA61055

**Description:**

Evaluate, design, and construct improvements lagoons, on-site laboratory, and other processes.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$360,000							\$360,000



# Pyramid Peak WTP Expansion

**Project Number: CIPWA61058**

**Description:**

Design and construct of 15 MGD expansion to increase capacity of plant for city of Peoria. City of Peoria to fund 23% of resiliency improvements and 100% of expansion.

**Justification:**

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

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$93,192							\$93,192



# Water Capital Equipment Replacement

**Project Number: CIPWA61061**

**Description:**

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

**Justification:**

As equipment at the water treatment plants reaches the end of service-life, it is replaced. It is critical to ensure City's water treatment facilities are in good operational condition to meet water demands and regulatory requirements.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$46,950	\$500,000	\$600,000	\$700,000	\$700,000	\$700,000	\$3,500,000	<b>\$6,746,950</b>





# Transmission Line & Valve Replacement

**Project Number: CIPWA61062**

**Description:**

Assess condition of 48" and larger water transmission line and valves for future rehabilitation. The first assessment is for the 67th Ave line from the Pyramid Peak WTP.

**Justification:**

The 67th Ave transmission main was installed in 1987. This line conveys water from Pyramid Peak WTP to Glendale water customers in the northern portions of the City and the City of Peoria Turnout and needs the condition to be assessed.

FUND	EST CARRYOVER	FY24	FY25	FY26	FY27	FY28	FY29-33	TOTAL
6020 - WATER FUND	\$33,873	\$380,000	\$800,000	\$800,000	\$800,000			\$2,813,873



**Questions?**



# Budget Calendar

Item	Date
Workshop #1 – Budget Overview / Revenues / Five-Year Financial Forecasts	February 14, 2023
Workshop #2 – FY24-33 Capital Improvement Plan	March 7, 2023
<i>Workshop #3 – (All Day) FY24 Operating Budget Department Presentations</i>	<i>April 4, 2023</i>
Workshop #4 – (All Day) FY24 Operating Budget Department Presentations	April 6, 2023
Workshop #5 – FY24 Final Budget Workshop	April 18, 2023
<b>Voting Meeting – Tentative Budget Adoption</b>	<b>May 9, 2023</b>
<b>Voting Meeting – Final Budget Adoption / Property Tax Levy</b>	<b>June 13, 2023</b>
<b>Voting Meeting – Property Tax Adoption</b>	<b>June 27, 2023</b>