FY 2022-2031 Capital Improvement Program

CIP Summary by Project Type

Project Type	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
Airport	$2,703,000	$4,590,000	$5,625,000	$3,060,945	$752,500	$1,625,000	**$18,356,445**
Drainage	$3,521,000	$6,208,840	$5,113,940	$3,345,030	$240,740	$6,233,985	**$24,663,535**
Facility Maintenance	$14,516,213	$14,230,992	$12,789,891	$16,844,422	$17,543,450	$80,835,680	**$156,760,648**
Landfill	$11,662,790	$6,186,420	$3,678,050	$1,590,500	$8,065,945	$13,808,526	**$44,992,231**
Library	$225,000	$1,927,206	$4,167,805	$8,671,820	$3,500,857	$5,473,532	**$23,966,220**
Parking Lots	$0	$0	$0	$0	$525,000	$5,705,560	**$6,230,560**
Parks	$7,428,081	$13,276,115	$20,548,510	$17,711,133	$14,168,774	$46,400,000	**$119,532,613**
Public Safety	$4,125,724	$12,835,614	$22,257,755	$18,308,047	$7,906,368	$26,335,106	**$91,768,614**
Solid Waste	$4,499,753	$4,155,304	$2,769,542	$3,048,251	$4,009,990	$17,197,358	**$35,680,198**
Streets	$35,705,058	$27,955,065	$23,220,323	$24,842,657	$27,605,428	$138,062,556	**$277,391,087**
Transit	$370,000	$470,000	$475,000	$475,000	$480,000	$2,420,000	**$4,690,000**
Wastewater	$24,733,000	$20,111,000	$14,926,000	$15,911,000	$19,090,000	$54,680,000	**$149,451,000**
Water	$44,096,000	$22,962,000	$27,329,000	$21,970,000	$17,872,000	$97,498,000	**$231,727,000**
Grand Total	**$153,585,619**	**$134,908,556**	**$142,900,816**	**$135,778,805**	**$121,761,052**	**$496,275,303**	$1,185,210,151

FY 2022-2031 Capital Improvement Program

All

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
1080-General Government Capital Prj	$8,073,193	$7,899,346	$8,576,640	$8,361,817	$11,670,544	$95,739,639	**$140,321,179**
2050-Highway User Gas Tax	$3,200,000	$3,296,000	$3,394,880	$3,496,726	$3,601,628	$19,695,179	**$36,684,413**
2070-Transportation Sales Tax	$7,000,000	$7,210,000	$7,426,300	$7,649,089	$8,630,000	$47,192,377	**$85,107,766**
2160-Other Grants	$1,625,000	$2,575,000	$2,100,000	$0	$0	$0	**$6,300,000**
2190-Airport Capital Grant	$2,090,000	$3,800,000	$5,300,000	$2,735,945	$427,500	$0	**$14,353,445**
4010-Streets Construction	$17,344,218	$10,352,350	$9,087,539	$10,931,842	$12,608,800	$60,700,000	**$121,024,749**
4020-Hurf Capital Projects	$2,975,000	$975,000	$975,000	$975,000	$975,000	$4,875,000	**$11,750,000**
4030-Transportation Capital Proj	$5,744,140	$4,420,000	$4,636,604	$4,090,000	$2,595,000	$9,645,000	**$31,130,744**
4040-Public Safety Construction	$2,865,841	$10,336,000	$19,631,000	$15,549,954	$6,000,748	$2,545,000	**$56,928,543**
4050-Parks Construction	$6,063,358	$11,276,115	$11,956,021	$12,586,133	$11,296,150	$46,400,000	**$99,577,777**
4060-Government Facilities	$5,897,020	$6,072,000	$2,580,746	$6,981,438	$6,916,890	$1,033,200	**$29,481,294**
4090-Open Space/Trail Construction	$0	$2,000,000	$8,040,000	$5,125,000	$0	$0	**$15,165,000**
4100-Library Construction	$225,000	$1,927,206	$4,167,805	$8,671,820	$3,500,857	$5,473,532	**$23,966,220**
4110-Flood Control Construction	$1,826,000	$3,393,100	$2,773,200	$3,104,290	$0	$5,034,845	**$16,131,435**
4172-2019-DIF-Fire West	$0	$0	$0	$0	$0	$12,662,463	**$12,662,463**

All

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
4190-2012-DIF Police Facilities	$375,883	$0	$0	$0	$0	$0	**$375,883**
4222-2019-DIF-Police West	$0	$0	$0	$0	$0	$2,095,184	**$2,095,184**
4320-2014-DIF Parks & Rec Zn 1 East	$1,364,723	$0	$0	$0	$0	$0	**$1,364,723**
4330-2014-DIF Parks&Rec Zn 2 W 101	$0	$0	$552,489	$0	$0	$0	**$552,489**
4410-2014-DIF Streets Zone 1 East	$0	$1,917,189	$0	$0	$0	$0	**$1,917,189**
4420-2014-DIF Streets Zn 2 West 101	$311,400	$1,038,000	$0	$0	$0	$0	**$1,349,400**
4431-2019-DIF-Streets East	$1,613,300	$1,506,526	$0	$0	$0	$0	**$3,119,826**
6020-Water	$44,096,000	$24,462,000	$25,329,000	$23,470,000	$19,372,000	$97,498,000	**$234,227,000**
6030-Sewer	$24,413,000	$19,951,000	$14,766,000	$15,751,000	$18,930,000	$54,200,000	**$148,011,000**
6071-2019-Water DIF East	$0	$0	$3,500,000	$0	$0	$0	**$3,500,000**
6101-2019-Sewer DIF East	$320,000	$160,000	$160,000	$160,000	$160,000	$480,000	**$1,440,000**
6110-Landfill	$11,662,790	$6,186,420	$3,678,050	$1,590,500	$8,065,945	$13,808,526	**$44,992,231**
6120-Solid Waste	$4,499,753	$4,155,304	$4,269,542	$4,548,251	$7,009,990	$17,197,358	**$41,680,198**
Grand Total	**$153,585,619**	**$134,908,556**	**$142,900,816**	**$135,778,805**	**$121,761,052**	**$496,275,303**	**$1,185,210,151**

Airport

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPAP19075	AIRPORT EA FOR CHANNELIZATION	$0	$0	$315,000	$0	$0	$0	**$315,000**
CIPAP19076	SOUTH APRON PHASE 1 PAVEMENT RECONS	$0	$1,425,000	$0	$0	$0	$0	**$1,425,000**
CIPAP20001	SOUTH APRON PHASE 2 REHABILITATION	$0	$2,375,000	$0	$0	$0	$0	**$2,375,000**
CIPAP20002	RUNWAY REHABILITATION	$0	$0	$4,085,000	$0	$0	$0	**$4,085,000**
CIPAP20004	AIRPORT PLANNING STUDY	$0	$0	$0	$315,000	$0	$0	**$315,000**
CIPAP20018	TAXIWAY PAVEMENT REHAB & PRESERVE	$1,900,000	$0	$0	$0	$0	$0	**$1,900,000**
CIPAP21005	AIRPORT BUILDING CONSTRUCTION STUDY	$0	$0	$0	$0	$427,500	$0	**$427,500**
CIPAP21007	AIRPORT MASTER PLAN STUDY	$0	$0	$0	$620,945	$0	$0	**$620,945**
CIPAP21009	AIRPORT SECURITY FENCING	$0	$0	$675,000	$0	$0	$0	**$675,000**
CIPAP21010	SOUTHWEST APRON DESIGN / CONSTRUCT	$0	$0	$225,000	$1,800,000	$0	$0	**$2,025,000**
CIPAP21012	AIRSIDE PAVEMENT MAINTENANCE	$175,000	$175,000	$175,000	$175,000	$175,000	$875,000	**$1,750,000**
CIPAP22001	EAST SIDE DEVELOPMENT	$190,000	$0	$0	$0	$0	$0	**$190,000**
CIPAP22002	AIRPORT DESIGN STANDARDS	$200,000	$0	$0	$0	$0	$0	**$200,000**
CIPAP22003	AIRPORT AUTO PARKING LOTS	$35,000	$465,000	$0	$0	$0	$0	**$500,000**
CIPAP65078	AIRPORT MATCHING FUNDS	$203,000	$150,000	$150,000	$150,000	$150,000	$750,000	**$1,553,000**

Airport

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
Grand Total		**$2,703,000**	**$4,590,000**	**$5,625,000**	**$3,060,945**	**$752,500**	**$1,625,000**	**$18,356,445**

Airport

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	**Grand Total**
2190-Airport Capital Grant	$2,090,000	$3,800,000	$5,300,000	$2,735,945	$427,500	$0	**$14,353,445**
4030-Transportation Capital Proj	$613,000	$790,000	$325,000	$325,000	$325,000	$1,625,000	**$4,003,000**
Grand Total	**$2,703,000**	**$4,590,000**	**$5,625,000**	**$3,060,945**	**$752,500**	**$1,625,000**	**$18,356,445**

AIRPORT EA FOR CHANNELIZATION

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP19075

Project Number: CIPAP19075

Description

This project is to conduct an Environmental Assessment for channelization of New River. This project also includes a Wildlife Hazard Management Plan (WHMP) for the airport.

Justification

This project will allow the airport to obtain additional land needed to meet Federal Aviation Administration design standards. A WHMP is a Federal mandate. Outside funding is to be leveraged for this project.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	2190-Airport Capital Grant			$315,000				**$315,000**
Grand Total				**$315,000**				**$315,000**

SOUTH APRON PHASE 1 PAVEMENT RECONS

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP19076

Project Number: CIPAP19076

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant		$1,282,500					**$1,282,500**
DESIGN	2190-Airport Capital Grant		$142,500					**$142,500**
Grand Total			**$1,425,000**					**$1,425,000**

SOUTH APRON PHASE 2 REHABILITATION

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP20001

Project Number: CIPAP20001

Description

Project to rehabilitate south apron by mill and overlay, totaling approximately 93,000 square yards, including Ramp-1 relocation.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant		$2,175,000					**$2,175,000**
DESIGN	2190-Airport Capital Grant		$200,000					**$200,000**
Grand Total			**$2,375,000**					**$2,375,000**

RUNWAY REHABILITATION

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP20002

Project Number: CIPAP20002

Description

Project is to rehabilitate the runway by adding a mill and overlay treatment to the pavement, approximately 80,000 square yards.

Justification

The Airport Pavement Maintenance Management Program indicates rehabilitation is necessary on the existing runway. Outside funding is to be leveraged for this project. Project required under FAA and ADOT Grant Assurances and Airport Design Standards.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant			$4,085,000				**$4,085,000**
Grand Total				**$4,085,000**				**$4,085,000**

AIRPORT PLANNING STUDY

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP20004

Project Number: CIPAP20004

Description

Part 150 Airport Noise Compatibility Planning Update

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	2190-Airport Capital Grant				$315,000			**$315,000**
Grand Total					**$315,000**			**$315,000**

TAXIWAY PAVEMENT REHAB & PRESERVE

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP20018

Project Number: CIPAP20018

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant	$1,900,000						$1,900,000
Grand Total		**$1,900,000**						**$1,900,000**

AIRPORT BUILDING CONSTRUCTION STUDY

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP21005

Project Number: CIPAP21005

Description

Conduct a site survey and site selection study for a new location for an Airport Traffic Control Tower (ATCT). Also incorporate the preliminary design needs for a new ATCT facility.

Justification

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. Project required under FAA and ADOT grant Assurances and Airport Design Standards.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	2190-Airport Capital Grant					$427,500		**$427,500**
Grand Total						**$427,500**		**$427,500**

AIRPORT MASTER PLAN STUDY

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP21007

Project Number: CIPAP21007

Description

Update to Airport Master Plan.

Justification

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	2190-Airport Capital Grant				$620,945			**$620,945**
Grand Total					**$620,945**			**$620,945**

AIRPORT SECURITY FENCING

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP21009

Project Number: CIPAP21009

Description

Airfield Gate Improvements and Access Control System Upgrade. Project will upgrade all vehicle access gates and upgrade access control system.

Justification

Project to improve and modernize airfield vehicle access gates and upgrade the access control system to include network communications and video surveillance. This project is identified in the Airport Master Plan and would improve safety.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant			$675,000				**$675,000**
Grand Total				**$675,000**				**$675,000**

SOUTHWEST APRON DESIGN / CONSTRUCT

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP21010

Project Number: CIPAP21010

Description

Project design and construction of southwest apron, taxi lane and access road to accommodate capacity needs.

Justification

Design and construction of new public apron, taxi lane, and infrastructure to accommodate expansion of aircraft storage to meet capacity needs. Project required under FAA and ADOT Grant Assurances and Airport Design Standards.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2190-Airport Capital Grant			$0	$1,800,000			**$1,800,000**
DESIGN	2190-Airport Capital Grant			$225,000	$0			**$225,000**
Grand Total				**$225,000**	**$1,800,000**			**$2,025,000**

AIRSIDE PAVEMENT MAINTENANCE

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP21012

Project Number: CIPAP21012

Description

The proposed project is for the surface treatment of the center apron. It includes approximately 524,000 square feet of asphalt concrete aircraft apron pavement area and re-striping of the treated area.

Justification

The pavement was fully rehabilitated in 2014 but needs required pavement maintenance. The Airport's Pavement Maintenance Management Plan calls for a surface treatment to be applied.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$166,985	$166,985	$166,985	$166,985	$166,985	$834,924	**$1,669,849**
INTRNL CHG	4030-Transportation Capita..	$6,345	$6,345	$6,345	$6,345	$6,345	$31,727	**$63,452**
PUBLIC ART	4030-Transportation Capita..	$1,670	$1,670	$1,670	$1,670	$1,670	$8,349	**$16,699**
Grand Total		**$175,000**	**$175,000**	**$175,000**	**$175,000**	**$175,000**	**$875,000**	**$1,750,000**

EAST SIDE DEVELOPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP22001

Project Number: CIPAP22001

Description

Study to examine the development potential of approximately 100 acres of land on the east side of Runway 1-19.

Justification

The purpose of the study is to identify a specific recommended development plan for the east side of the airport.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	2190-Airport Capital Grant	$190,000						**$190,000**
Grand Total		**$190,000**						**$190,000**

AIRPORT DESIGN STANDARDS

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP22002

Project Number: CIPAP22002

Description

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	4030-Transportation Capita..	$200,000						$200,000
Grand Total		**$200,000**						**$200,000**

AIRPORT AUTO PARKING LOTS

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP22003

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$0	$443,976					**$443,976**
DESIGN	4030-Transportation Capita..	$33,719	$0					**$33,719**
INTRNL CHG	4030-Transportation Capita..	$1,281	$16,584					**$17,865**
PUBLIC ART	4030-Transportation Capita..	$0	$4,440					**$4,440**
Grand Total		**$35,000**	**$465,000**					**$500,000**

AIRPORT MATCHING FUNDS

Package Number	Project Type	Project Number
FY22-31CIP	Airport	CIPAP65078

Project Number: CIPAP65078

Description

This request is to provide for matching funds for Glendale Airport projects as identified in the Airport Capital Improvement Program (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 be completed with a local match funding and leverage Federal and State funds.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$100,000	$135,000	$135,000	$135,000	$135,000	$675,000	**$1,315,000**
DESIGN	4030-Transportation Capita..	$0	$15,000	$15,000	$15,000	$15,000	$75,000	**$135,000**
INTRNL CHG	4030-Transportation Capita..	$76,000	$0	$0	$0	$0	$0	**$76,000**
PUBLIC ART	4030-Transportation Capita..	$17,000	$0	$0	$0	$0	$0	**$17,000**
STUDY	4030-Transportation Capita..	$10,000	$0	$0	$0	$0	$0	**$10,000**
Grand Total		**$203,000**	**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$750,000**	**$1,553,000**

Drainage

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPDR19040	CAMELBACK ROAD, 51ST TO 58TH	$0	$0	$0	$3,104,290	$0	$0	**$3,104,290**
CIPDR19078	83RD AVE, BETHANY HM TO CAMELBACK	$0	$0	$0	$0	$0	$3,129,500	**$3,129,500**
CIPDR19079	59TH AVE & T-BIRD RD STORM DRAIN	$0	$0	$0	$0	$0	$1,905,345	**$1,905,345**
CIPDR21019	DRAIN. IMP. GLENN DR., 59TH - 52ND	$50,000	$570,900	$4,873,200	$0	$0	$0	**$5,494,100**
CIPDR21034	BETHANY HOME SD, 43RD TO 51ST AVE	$3,401,000	$5,397,200	$0	$0	$0	$0	**$8,798,200**
CIPDR79004	LOCAL DRAINAGE PROBLEMS	$70,000	$240,740	$240,740	$240,740	$240,740	$1,199,140	**$2,232,100**
Grand Total		**$3,521,000**	**$6,208,840**	**$5,113,940**	**$3,345,030**	**$240,740**	**$6,233,985**	**$24,663,535**

Drainage

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
1080-General Government Capital Prj	$70,000	$240,740	$240,740	$240,740	$240,740	$1,199,140	**$2,232,100**
2160-Other Grants	$1,625,000	$2,575,000	$2,100,000	$0	$0	$0	**$6,300,000**
4110-Flood Control Construction	$1,826,000	$3,393,100	$2,773,200	$3,104,290	$0	$5,034,845	**$16,131,435**
Grand Total	**$3,521,000**	**$6,208,840**	**$5,113,940**	**$3,345,030**	**$240,740**	**$6,233,985**	**$24,663,535**

CAMELBACK ROAD, 51ST TO 58TH

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR19040

Project Number: CIPDR19040

Description

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

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. Amounts have been adjusted from the FY20 CIP Submission. Design is complete.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4110-Flood Control Constru..				$2,750,000			**$2,750,000**
CONTGNCY	4110-Flood Control Constru..				$205,000			**$205,000**
INTRNL CHG	4110-Flood Control Constru..				$121,790			**$121,790**
PUBLIC ART	4110-Flood Control Constru..				$27,500			**$27,500**
Grand Total					**$3,104,290**			**$3,104,290**

83RD AVE, BETHANY HM TO CAMELBACK

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR19078

Project Number: CIPDR19078

Description

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

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District in July 2011. Amounts and years have been updated from the FY20 CIP submission.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4110-Flood Control Constru..						$2,500,000	**$2,500,000**
CONTGNCY	4110-Flood Control Constru..						$250,000	**$250,000**
DESIGN	4110-Flood Control Constru..						$250,000	**$250,000**
INTRNL CHG	4110-Flood Control Constru..						$104,500	**$104,500**
PUBLIC ART	4110-Flood Control Constru..						$25,000	**$25,000**
Grand Total							**$3,129,500**	**$3,129,500**

59TH AVE & T-BIRD RD STORM DRAIN

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR19079

Project Number: CIPDR19079

Description

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

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. Amounts and description are unchanged from the FY20 CIP submission.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4110-Flood Control Constru..						$1,700,000	**$1,700,000**
CONTGNCY	4110-Flood Control Constru..						$58,000	**$58,000**
DESIGN	4110-Flood Control Constru..						$58,000	**$58,000**
INTRNL CHG	4110-Flood Control Constru..						$48,345	**$48,345**
LAND	4110-Flood Control Constru..						$24,000	**$24,000**
PUBLIC ART	4110-Flood Control Constru..						$17,000	**$17,000**
Grand Total							**$1,905,345**	**$1,905,345**

DRAIN. IMP. GLENN DR., 59TH - 52ND

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR21019

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

Maricopa County Flood Control District has agreed to contribute $2,100,000 toward completion of this project. The total projected cost of the project is $5,494,100.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2160-Other Grants	$0	$0	$2,100,000				**$2,100,000**
	4110-Flood Control Constru..	$0	$0	$2,550,000				**$2,550,000**
DESIGN	4110-Flood Control Constru..	$0	$550,000	$0				**$550,000**
INTRNL CHG	4110-Flood Control Constru..	$0	$20,900	$176,700				**$197,600**
PUBLIC ART	4110-Flood Control Constru..	$0	$0	$46,500				**$46,500**
STUDY	4110-Flood Control Constru..	$50,000	$0	$0				**$50,000**
Grand Total		**$50,000**	**$570,900**	**$4,873,200**				**$5,494,100**

BETHANY HOME SD, 43RD TO 51ST AVE

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR21034

Project Number: CIPDR21034

Description

Design and construction of storm drain pipe, inlets, catch basins and other appurtences in a half square mile area centered on Bethany Home Road between 43rd Avenue and 51st Ave.

Justification

This 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2160-Other Grants	$1,375,000	$2,575,000					**$3,950,000**
	4110-Flood Control Constru..	$1,375,000	$2,575,000					**$3,950,000**
INTRNL CHG	4110-Flood Control Constru..	$123,500	$195,700					**$319,200**
LAND	2160-Other Grants	$250,000	$0					**$250,000**
	4110-Flood Control Constru..	$250,000	$0					**$250,000**
PUBLIC ART	4110-Flood Control Constru..	$27,500	$51,500					**$79,000**
Grand Total		**$3,401,000**	**$5,397,200**					**$8,798,200**

LOCAL DRAINAGE PROBLEMS

Package Number	Project Type	Project Number
FY22-31CIP	Drainage	CIPDR79004

Project Number: CIPDR79004

Description

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

Justification

This is an on-going program that typically addresses drainage issues in older neighborhoods and extends existing storm drain systems.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..	$67,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	**$1,867,000**
DESIGN	1080-General Government C..	$0	$30,000	$30,000	$30,000	$30,000	$150,000	**$270,000**
INTRNL CHG	1080-General Government C..	$2,500	$8,740	$8,740	$8,740	$8,740	$39,140	**$76,600**
PUBLIC ART	1080-General Government C..	$500	$2,000	$2,000	$2,000	$2,000	$10,000	**$18,500**
Grand Total		**$70,000**	**$240,740**	**$240,740**	**$240,740**	**$240,740**	**$1,199,140**	**$2,232,100**

Facility Maintenance

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPFC19016	GLENDALE OPERATIONS CAMPUS	$6,000,000	$7,500,000	$4,500,000	$4,500,000	$4,500,000	$0	**$27,000,000**
CIPFC19037	UNDERGROUND STORAGE TANK REPLACE	$0	$0	$450,000	$0	$0	$0	**$450,000**
CIPFC19038	CITY HALL BUILDING REMODEL	$316,700	$1,572,000	$2,130,746	$6,981,438	$3,919,266	$0	**$14,920,150**
CIPFC19061	ELECTRICAL SYSTEM RENEWAL	$0	$0	$0	$0	$750,000	$4,978,000	**$5,728,000**
CIPFC19062	ELEVATOR SYSTEM RENEWAL	$0	$0	$0	$0	$500,000	$2,096,000	**$2,596,000**
CIPFC19063	FIRE PROTECTION RENEWAL	$0	$0	$0	$0	$550,000	$2,346,000	**$2,896,000**
CIPFC19064	SECURITY CAMERA IMPROVEMENTS	$1,300,000	$0	$0	$0	$0	$0	**$1,300,000**
CIPFC19065	PLUMBING SYSTEM RENEWAL	$0	$0	$0	$0	$525,000	$2,483,760	**$3,008,760**
CIPFC19068	ROOFING SYSTEM RENEWAL	$83,840	$607,840	$644,520	$1,189,480	$796,480	$9,956,000	**$13,278,160**
CIPFC19071	HVAC REPAIR/REPLACEMENTS	$0	$0	$0	$0	$750,000	$12,028,000	**$12,778,000**
CIPFC19072	SPACE PLANNING INTERIOR UPDATES	$0	$0	$0	$0	$504,200	$19,230,800	**$19,735,000**
CIPFC19073	BUILDING EXT. SEALING/RENEWAL	$0	$0	$0	$0	$450,000	$5,816,400	**$6,266,400**
CIPFC20023	ADULT CENTER RENOVATION	$0	$0	$0	$0	$125,000	$1,033,200	**$1,158,200**
CIPFC22081	CITY HALL ELEVATOR REPLACEMENT	$497,800	$0	$0	$0	$0	$0	**$497,800**
CIPFC22082	CITY HALL FIRE SYSTEM REPLACEMENT	$200,000	$0	$0	$0	$0	$0	**$200,000**

Facility Maintenance

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPFC22084	ROOF REPAIR/REPLACEMENTS	$382,520	$0	$0	$0	$0	$0	**$382,520**
CIPFC22086	CITY HALL PARKING GARAGE	$1,475,000	$0	$0	$0	$0	$0	**$1,475,000**
CIPFC70800	BUILDING MAINTENANCE RESERVE	$1,416,160	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$10,000,000	**$19,416,160**
CIPFC70801	CAMELBACK RANCH MAINTENANCE RESERVE	$1,673,504	$1,673,504	$1,673,504	$1,673,504	$1,673,504	$8,367,520	**$16,735,040**
CIPPK70803	CAPITAL REPAIR-ARENA	$1,170,689	$877,648	$1,391,121	$500,000	$500,000	$2,500,000	**$6,939,458**
Grand Total		**$14,516,213**	**$14,230,992**	**$12,789,891**	**$16,844,422**	**$17,543,450**	**$80,835,680**	**$156,760,648**

Facility Maintenance

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
1080-General Government Capital Prj	$7,119,193	$5,158,992	$5,709,145	$5,362,984	$8,999,184	$79,802,480	**$112,151,978**
4030-Transportation Capital Proj	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$0	$0	**$6,000,000**
4060-Government Facilities	$5,897,020	$6,072,000	$2,580,746	$6,981,438	$4,044,266	$1,033,200	**$26,608,670**
6020-Water	$0	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$0	**$6,000,000**
6120-Solid Waste	$0	$0	$1,500,000	$1,500,000	$3,000,000	$0	**$6,000,000**
Grand Total	**$14,516,213**	**$14,230,992**	**$12,789,891**	**$16,844,422**	**$17,543,450**	**$80,835,680**	**$156,760,648**

GLENDALE OPERATIONS CAMPUS

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19016

Project Number: CIPFC19016

Description

This project is to replace/restore the buildings and functionality at the city's optimally located operations campus. The campus is located between Grand and 67th Avenues, north of Glendale Avenue.
The campus provides the primary location for critical city services including Water Services (Systems Operations, Distribution, Storm Water, Warehouse and Meter Reading); Transportation (Transit, Traffic Operations {Signs & Markings, Street Maintenance, Right of Way Maintenance, Graffiti, Signals, Street Lights, Traffic Mitigation, Traffic Engineering, Ed..

Justification

The buildings and layout were constructed in 1976 and are inefficient, overprogrammed and unable to serve the current needs. The older building infrastructure is in poor condition. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community. The current location is centrally located and best situated to serve the city from one campus.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$0		**$6,000,000**
	4060-Government Facilities	$4,500,000	$4,500,000	$0	$0	$0		**$9,000,000**
	6020-Water	$0	$1,500,000	$1,500,000	$1,500,000	$1,500,000		**$6,000,000**
	6120-Solid Waste	$0	$0	$1,500,000	$1,500,000	$3,000,000		**$6,000,000**
Grand Total		**$6,000,000**	**$7,500,000**	**$4,500,000**	**$4,500,000**	**$4,500,000**		**$27,000,000**

UNDERGROUND STORAGE TANK REPLACE

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19037

Project Number: CIPFC19037

Description

This project 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 FY23-24.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities			$400,000				**$400,000**
DESIGN	4060-Government Facilities			$50,000				**$50,000**
Grand Total				**$450,000**				**$450,000**

CITY HALL BUILDING REMODEL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19038

Project Number: CIPFC19038

Description

This project is to reinvest in the City Hall campus by recreating a fully updated, modernized environment to include a centralized customer service area, enhanced security, and accessible, vibrant and dynamic areas. Restoring the infrastructure and functionality will extend the center for multiple decades. The project will include a new exterior, rebuilding the interior floor by floor, replacing aged infrastructure, and improving the functionality to provide for better service to the community. The design will be refined via future council workshops and will involve multiple phases for continued operations.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities	$0	$1,500,000	$1,400,000	$5,754,000	$2,877,000		**$11,531,000**
CONTGNCY	4060-Government Facilities	$0	$0	$225,846	$513,546	$316,470		**$1,055,862**
DESIGN	4060-Government Facilities	$316,700	$0	$287,700	$287,700	$287,700		**$1,179,800**
EQUIPMENT	4060-Government Facilities	$0	$0	$150,000	$150,000	$300,000		**$600,000**
INTRNL CHG	4060-Government Facilities	$0	$57,000	$53,200	$218,652	$109,326		**$438,178**
PUBLIC ART	4060-Government Facilities	$0	$15,000	$14,000	$57,540	$28,770		**$115,310**
Grand Total		**$316,700**	**$1,572,000**	**$2,130,746**	**$6,981,438**	**$3,919,266**		**$14,920,150**

ELECTRICAL SYSTEM RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19061

Project Number: CIPFC19061

Description

This project funds renewal of electrical systems city-wide. Building assessments will identify priorities based on electrical system conditions and detail repair recommendations.

Justification

Programmatic 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, aligning resources with the City's strategic priorities and the Building Asset Philosophy.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$4,750,000	**$4,750,000**
DESIGN	1080-General Government C..					$750,000	$0	**$750,000**
INTRNL CHG	1080-General Government C..					$0	$180,500	**$180,500**
PUBLIC ART	1080-General Government C..					$0	$47,500	**$47,500**
Grand Total						**$750,000**	**$4,978,000**	**$5,728,000**

ELEVATOR SYSTEM RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19062

Project Number: CIPFC19062

Description

This project is to keep elevators, determined to be a Tier 1 infrastructure, in good working order. Elevators exist and require capital improvements in City Hall, Main Public Safety, Adult Center, Main Library, FS 157, FRAC, Airport, and Sine Building. Priorities are based upon building usage (Business critical are highest tier for this component), and identified need.

Justification

Programmatic repair/replacement of components for elevators 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$2,000,000	**$2,000,000**
DESIGN	1080-General Government C..					$500,000	$0	**$500,000**
INTRNL CHG	1080-General Government C..					$0	$76,000	**$76,000**
PUBLIC ART	1080-General Government C..					$0	$20,000	**$20,000**
Grand Total						**$500,000**	**$2,096,000**	**$2,596,000**

FIRE PROTECTION RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19063

Project Number: CIPFC19063

Description

This project is to keep fire protection systems, identified as a Tier 1 infrastructure, in good working order. Capital repairs are needed at GRPSTC 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 fire protection 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$2,000,000	**$2,000,000**
CONTGNCY	1080-General Government C..					$0	$250,000	**$250,000**
DESIGN	1080-General Government C..					$550,000	$0	**$550,000**
INTRNL CHG	1080-General Government C..					$0	$76,000	**$76,000**
PUBLIC ART	1080-General Government C..					$0	$20,000	**$20,000**
Grand Total						**$550,000**	**$2,346,000**	**$2,896,000**

SECURITY CAMERA IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19064

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	1080-General Government C..	$1,300,000						$1,300,000
Grand Total		**$1,300,000**						**$1,300,000**

PLUMBING SYSTEM RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19065

Project Number: CIPFC19065

Description

This project is to keep plumbing systems, identified as a Tier 1 infrastructure, in good working order. Capital repairs are needed at City Court, Fire Station 153, and City Hall. Priorities are based upon building usage (Mission critical are highest tier for this component) and identified need.

Justification

Programmatic repair/replacement of components for plumbing systems will 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$2,370,000	**$2,370,000**
DESIGN	1080-General Government C..					$525,000	$0	**$525,000**
INTRNL CHG	1080-General Government C..					$0	$23,700	**$23,700**
PUBLIC ART	1080-General Government C..					$0	$90,060	**$90,060**
Grand Total						**$525,000**	**$2,483,760**	**$3,008,760**

ROOFING SYSTEM RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19068

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 at City Court, Fire Station 153, 154, 158, 159, Gateway, City Hall, Main Library and multiple 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 roofing systems will 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..	$83,840	$580,000	$615,000	$1,135,000	$760,000	$9,500,000	**$12,673,840**
INTRNL CHG	1080-General Government C..	$0	$22,040	$23,370	$43,130	$28,880	$361,000	**$478,420**
PUBLIC ART	1080-General Government C..	$0	$5,800	$6,150	$11,350	$7,600	$95,000	**$125,900**
Grand Total		**$83,840**	**$607,840**	**$644,520**	**$1,189,480**	**$796,480**	**$9,956,000**	**$13,278,160**

HVAC REPAIR/REPLACEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19071

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 the Main Public Safety Building, Foothills, City Hall, and multiple 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 HVAC systems, including indoor air quality, 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$11,000,000	**$11,000,000**
DESIGN	1080-General Government C..					$750,000	$500,000	**$1,250,000**
INTRNL CHG	1080-General Government C..					$0	$418,000	**$418,000**
PUBLIC ART	1080-General Government C..					$0	$110,000	**$110,000**
Grand Total						**$750,000**	**$12,028,000**	**$12,778,000**

SPACE PLANNING INTERIOR UPDATES

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19072

Project Number: CIPFC19072

Description

This project is to keep interior fixtures and finishes, identified as a Tier 3 infrastructure, in good working order. Capital replacements are needed at multiple locations. Priorities are based upon building usage (Business critical are highest tier for this component) and identified need.

Justification

Programmatic replacement of components of furnishings, fixtures, and interior aspects of buildings will reinforce the city's brand and image, aligning resources with the City's strategic priorities and the Building Asset Philosophy.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$18,350,000	**$18,350,000**
DESIGN	1080-General Government C..					$504,200	$0	**$504,200**
INTRNL CHG	1080-General Government C..					$0	$697,300	**$697,300**
PUBLIC ART	1080-General Government C..					$0	$183,500	**$183,500**
Grand Total						**$504,200**	**$19,230,800**	**$19,735,000**

BUILDING EXT. SEALING/RENEWAL

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC19073

Project Number: CIPFC19073

Description

This project is to keep interior fixtures and finishes, identified as a Tier 2 infrastructure, in good working order. Capital replacements are needed at City Hall and multiple buildings on the Glendale Operations Campus. Priorities are based upon building usage (Business critical are highest tier for this component) and identified need.

Justification

Programmatic repair/replacement of components of exterior of buildings (including window seals and glazing) will 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$5,550,000	**$5,550,000**
DESIGN	1080-General Government C..					$450,000	$0	**$450,000**
INTRNL CHG	1080-General Government C..					$0	$210,900	**$210,900**
PUBLIC ART	1080-General Government C..					$0	$55,500	**$55,500**
Grand Total						**$450,000**	**$5,816,400**	**$6,266,400**

ADULT CENTER RENOVATION

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC20023

Project Number: CIPFC20023

Description

This project is to complete the build out of the second floor of the Adult Center. Future design will be determined as part of a needs assessment and may include additional programs for the center.

Justification

This project will improve customer service, asset management, and financial responsibility.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities					$0	$900,000	**$900,000**
CONTGNCY	4060-Government Facilities					$0	$90,000	**$90,000**
DESIGN	4060-Government Facilities					$125,000	$0	**$125,000**
INTRNL CHG	4060-Government Facilities					$0	$34,200	**$34,200**
PUBLIC ART	4060-Government Facilities					$0	$9,000	**$9,000**
Grand Total						**$125,000**	**$1,033,200**	**$1,158,200**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M								$947,700	**$947,700**
Grand Total								**$947,700**	**$947,700**

CITY HALL ELEVATOR REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC22081

Project Number: CIPFC22081

Description

This project is to replace the plaza elevator outside City Hall.

Justification

The plaza elevator outside City Hall has exceeded its useful life and must be replaced. The elevator is unreliable and many people get stuck in it regularly. The elevator does not meet current codes f

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities	$475,000						$475,000
INTRNL CHG	4060-Government Facilities	$18,050						$18,050
PUBLIC ART	4060-Government Facilities	$4,750						$4,750
Grand Total		**$497,800**						**$497,800**

CITY HALL FIRE SYSTEM REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC22082

Project Number: CIPFC22082

Description

This project is to replace the fire alarm system at City Hall.

Justification

The fire alarm system at City Hall has exceeded it's useful life and needs replacement. The system is unreliable and is difficult to find parts and service for. Without this code required fire alarm s

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities	$200,000						$200,000
Grand Total		**$200,000**						**$200,000**

ROOF REPAIR/REPLACEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC22084

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 have exceeded their useful life and must be replaced. Failure to replace these roofs in a timely manner will result in further structural damage to the building and interior which will ult

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities	$382,520						$382,520
Grand Total		**$382,520**						**$382,520**

CITY HALL PARKING GARAGE

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC22086

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 it's continued safety and structural integrity. Without these structural repairs the garage will suffer continued deteriorat

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..	$1,475,000						$1,475,000
Grand Total		**$1,475,000**						**$1,475,000**

BUILDING MAINTENANCE RESERVE

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC70800

Project Number: CIPFC70800

Description

This project supports 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	1080-General Government C..	$1,416,160	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$10,000,000	**$19,416,160**
Grand Total		**$1,416,160**	**$2,000,000**	**$2,000,000**	**$2,000,000**	**$2,000,000**	**$10,000,000**	**$19,416,160**

CAMELBACK RANCH MAINTENANCE RESERVE

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPFC70801

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	1080-General Government C..	$1,673,504	$1,673,504	$1,673,504	$1,673,504	$1,673,504	$8,367,520	**$16,735,040**
Grand Total		**$1,673,504**	**$1,673,504**	**$1,673,504**	**$1,673,504**	**$1,673,504**	**$8,367,520**	**$16,735,040**

CAPITAL REPAIR-ARENA

Package Number	Project Type	Project Number
FY22-31CIP	Facility Maintenance	CIPPK70803

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 Gila River 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	1080-General Government C..	$1,170,689	$877,648	$1,391,121	$500,000	$500,000	$2,500,000	**$6,939,458**
Grand Total		**$1,170,689**	**$877,648**	**$1,391,121**	**$500,000**	**$500,000**	**$2,500,000**	**$6,939,458**

Landfill

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPLF19019	LANDFILL COMPACTOR REPLACEMENT	$1,400,000	$0	$0	$0	$2,100,000	$1,600,000	**$5,100,000**
CIPLF19024	BULLDOZER REPLACEMENTS AND REBUILDS	$1,200,000	$1,550,000	$0	$0	$0	$1,900,000	**$4,650,000**
CIPLF19025	NORTH CELL LINER	$7,755,200	$157,200	$0	$0	$3,114,000	$30,000	**$11,056,400**
CIPLF19090	LANDFILL MOTOR GRADER REPLACEMENT	$0	$0	$0	$550,000	$0	$0	**$550,000**
CIPLF19091	LANDFILL SCRAPER EQUIPMENT	$0	$0	$0	$0	$0	$1,050,000	**$1,050,000**
CIPLF21029	LANDFILL GPS SYSTEM EQUIPMENT	$0	$0	$0	$65,000	$0	$0	**$65,000**
CIPLF22005	MRF PROCESS LINE IMPROVEMENTS	$277,500	$555,000	$0	$0	$0	$0	**$832,500**
CIPLF22006	SITE PAVING AND MARKINGS	$0	$0	$0	$229,600	$0	$0	**$229,600**
CIPLF78503	LANDFILL CLOSURE (SOUTH)	$126,250	$505,000	$126,250	$151,500	$151,500	$454,500	**$1,515,000**
CIPLF78505	LF PHASE CONSTRUCTION (NORTH)	$104,800	$2,514,200	$2,937,200	$0	$101,000	$4,609,200	**$10,266,400**
CIPLF78506	LANDFILL 4x4 REPLACEMENT TRUCKS	$39,000	$0	$0	$0	$411,800	$150,000	**$600,800**
CIPLF78512	FUEL TANKER REPLACEMENT	$0	$0	$0	$0	$0	$262,500	**$262,500**
CIPLF78514	SOLID WASTE INSPECTION TRUCKS	$65,500	$33,000	$0	$0	$43,045	$92,556	**$234,101**
CIPLF78522	LANDFILL WATER PULL/TRUCK	$0	$0	$0	$0	$0	$1,563,000	**$1,563,000**
CIPLF78532	AUXILIARY EQUIPMENT	$0	$66,000	$0	$0	$50,000	$0	**$116,000**

Landfill

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPLF78534	STORMWATER CONTROLS	$291,040	$301,520	$312,000	$312,000	$883,600	$1,560,000	**$3,660,160**
CIPLF78535	LANDFILL GAS EXTRACTION SYSTEM	$403,500	$504,500	$302,600	$282,400	$1,211,000	$536,770	**$3,240,770**
Grand Total		**$11,662,790**	**$6,186,420**	**$3,678,050**	**$1,590,500**	**$8,065,945**	**$13,808,526**	**$44,992,231**

Landfill

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
6110-Landfill	$11,662,790	$6,186,420	$3,678,050	$1,590,500	$8,065,945	$13,808,526	**$44,992,231**
Grand Total	**$11,662,790**	**$6,186,420**	**$3,678,050**	**$1,590,500**	**$8,065,945**	**$13,808,526**	**$44,992,231**

LANDFILL COMPACTOR REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF19019

Project Number: CIPLF19019

Description

This project provides funding for the rebuild and replacement of the landfill compactors.

Justification

Compactors are essential pieces of equipment used on a daily basis for the proper placement and compaction of solid waste to prepare and better utilize soil cover material within the landfill, meeting regulatory permit requirements of the landfill. The compactors are equipped with GPS systems which maximizes landfill compaction, improves safety, and effective airspace management.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill	$1,400,000				$2,100,000	$1,600,000	**$5,100,000**
Grand Total		**$1,400,000**				**$2,100,000**	**$1,600,000**	**$5,100,000**

BULLDOZER REPLACEMENTS AND REBUILDS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF19024

Project Number: CIPLF19024

Description

This project provides for the rebuild and replacement of the landfill bulldozers. The D-8 bulldozer is scheduled for replacement in 2022. The D-9 is scheduled for replacement in 2023. Tracks for the D-6 will be replaced in 2023.

Justification

Bulldozers are essential pieces of equipment to ensure that waste is effectively and efficiently placed per the landfill design specifications. Bulldozers are utilized for a multitude of necessary landfill applications; landfill cell construction; soil placement, and establishing various haul roads for equipment and customer access. Bulldozers are critical tools to maximize landfill operation efficiency and to meet regulatory permit requirements.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill	$1,200,000	$1,550,000				$1,900,000	**$4,650,000**
Grand Total		**$1,200,000**	**$1,550,000**				**$1,900,000**	**$4,650,000**

NORTH CELL LINER

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF19025

Project Number: CIPLF19025

Description

This project is for design and construction of the liner for the North Cell at the Glendale Municipal Landfill.

Justification

Landfill Liners are required per ADEQ's regulatory review and permitting process. This liner provides a protective barrier to prevent potential groundwater contamination, and a permit requirement with the Arizona Department of Environmental Quality.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$7,400,000	$0			$3,000,000	$0	**$10,400,000**
DESIGN	6110-Landfill	$0	$157,200			$0	$0	**$157,200**
INTRNL CHG	6110-Landfill	$281,200	$0			$114,000	$0	**$395,200**
PUBLIC ART	6110-Landfill	$74,000	$0			$0	$30,000	**$104,000**
Grand Total		**$7,755,200**	**$157,200**			**$3,114,000**	**$30,000**	**$11,056,400**

LANDFILL MOTOR GRADER REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF19090

Project Number: CIPLF19090

Description

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

Justification

The motor grader is an essential piece of support equipment that is the primary asset used to establish and maintain the temporary roads on the active portion of the landfill. It is crucial the landfill roadways are maintained for both heavy equipment and customer vehicles to allow safe access to and from the landfill working face.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill				$550,000			**$550,000**
Grand Total					**$550,000**			**$550,000**

LANDFILL SCRAPER EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF19091

Project Number: CIPLF19091

Description

This project provides for the rebuild and/or replacement of the landfill scraper.

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. A replacement is scheduled between 2026 and 2030 depending on the existing scraper's condition. The scraper effectively enables the City to meet the regulatory requirements of its permit.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill						$1,050,000	**$1,050,000**
Grand Total							**$1,050,000**	**$1,050,000**

LANDFILL GPS SYSTEM EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF21029

Project Number: CIPLF21029

Description

GPS systems are utilized on the landfill equipment to assist the operators in developing the landfill per engineering designs.

Justification

It is necessary to upgrade the current outdated GPS equipment that is no longer supported. The GPS equipment is critical for managing airspace efficiencies and operator safety. Efficiency and safety are realized by eliminating unnecessary operation of landfill equipment, allowing the operators to build the landfill by design the first time in a much safer manner.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6110-Landfill				$65,000			**$65,000**
Grand Total					**$65,000**			**$65,000**

MRF PROCESS LINE IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF22005

Project Number: CIPLF22005

Description

The Materials Recovery Facility opened in 2000. The facility has many moving components that have worn over the years. The system needs major renovations and upgrades in order to process incoming materials.

Justification

In FY22, installation of a metering drum will feed the system with a more consistent flow of material creating a better separation rate for sorters. FY23-installation of an optical sorter will improve overall capture rate for different plastics.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$250,000	$500,000					**$750,000**
CONTGNCY	6110-Landfill	$25,000	$50,000					**$75,000**
PUBLIC ART	6110-Landfill	$2,500	$5,000					**$7,500**
Grand Total		**$277,500**	**$555,000**					**$832,500**

SITE PAVING AND MARKINGS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF22006

Project Number: CIPLF22006

Description

This project funds the Landfill site paving and markings required as a result of repairs to paved surfaces.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill				$200,000			**$200,000**
CONTGNCY	6110-Landfill				$20,000			**$20,000**
INTRNL CHG	6110-Landfill				$7,600			**$7,600**
PUBLIC ART	6110-Landfill				$2,000			**$2,000**
Grand Total					**$229,600**			**$229,600**

LANDFILL CLOSURE (SOUTH)

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78503

Project Number: CIPLF78503

Description

Project provides for closure of the south area of the landfill as its permitted air space approaches capacity.

Justification

The south area of the landfill is required by federal and state law to be closed with a final cover system to include: a vegetative layer, compacted soil layer, gas wells and storm water control. Maintenance of the south area will be ongoing as the north cell is developed. Slope stability; stormwater retention, and erosion control are part of managing the landfill to maintain regulatory compliance.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$125,000	$500,000	$125,000	$150,000	$150,000	$450,000	**$1,500,000**
PUBLIC ART	6110-Landfill	$1,250	$5,000	$1,250	$1,500	$1,500	$4,500	**$15,000**
Grand Total		**$126,250**	**$505,000**	**$126,250**	**$151,500**	**$151,500**	**$454,500**	**$1,515,000**

LF PHASE CONSTRUCTION (NORTH)

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78505

Project Number: CIPLF78505

Description

This project is for soil excavation and stockpiling for the North Cell phased construction at the Glendale Municipal Landfill.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$0	$2,300,000	$2,700,000		$0	$4,200,000	**$9,200,000**
DESIGN	6110-Landfill	$100,000	$100,000	$100,000		$100,000	$200,000	**$600,000**
INTRNL CHG	6110-Landfill	$3,800	$91,200	$110,200		$0	$167,200	**$372,400**
PUBLIC ART	6110-Landfill	$1,000	$23,000	$27,000		$1,000	$42,000	**$94,000**
Grand Total		**$104,800**	**$2,514,200**	**$2,937,200**		**$101,000**	**$4,609,200**	**$10,266,400**

LANDFILL 4x4 REPLACEMENT TRUCKS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78506

Project Number: CIPLF78506

Description

This funding is for trucks that are used by key landfill staff to access the landfill site to monitor operations and perform regulatory inspections, to include: FY2022, replacement of one field truck, and six trucks between 2026 and 2030 include: 2 Field/Supv; a Mechanic Service; Inspector and crew utility trucks.

Justification

Trucks are critical to transport landfill personnel to locations throughout the landfill site to ensure operations and regulatory compliance is met. Service trucks are required for landfill systems and equipment services maintenance. Conditions of the landfill require the truck fleet to be replaced at minimum every seven to ten years.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill	$39,000				$411,800	$150,000	**$600,800**
Grand Total		**$39,000**				**$411,800**	**$150,000**	**$600,800**

FUEL TANKER REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78512

Project Number: CIPLF78512

Description

This project will fund the replacement of the landfill fuel tanker truck.

Justification

The fuel tanker is an essential piece of support equipment that maximizes operational efficiencies and minimizes downtime by having a mobile source for diesel and gasoline refueling at the landfill working face. Particularly, for the large heavy equipment compactors and dozers that are too cumbersome to transport efficiently to the stationary diesel tank.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6110-Landfill						$262,500	**$262,500**
Grand Total							**$262,500**	**$262,500**

SOLID WASTE INSPECTION TRUCKS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78514

Project Number: CIPLF78514

Description

This funding provides for the replacement of trucks in the Recycling Division. Currently, there are 7 half-ton extended cab pick-up trucks with lift gates in the Solid Waste Management fleet. Trucks will be replaced as follows: 2 in 2021; 2 in 2022; 1 in 2023, and 2 in 2026 thru 2030.

Justification

Trucks enable the inspectors to provide quality control by education and mandated inspections of solid waste containers in accordance with Maricopa County Regulations in order to have a refuse variance of collection and to improve the quality of recycled material.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill	$65,500	$33,000			$43,045	$92,556	**$234,101**
Grand Total		**$65,500**	**$33,000**			**$43,045**	**$92,556**	**$234,101**

LANDFILL WATER PULL/TRUCK

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78522

Project Number: CIPLF78522

Description

This project funds the replacement of the larger primary water truck in 2021. Increased budget reflects a recent quote based on a larger volume water pull, better suited for landfill growth.

Justification

The primary water truck is a critical piece of support equipment for reducing dust and maintaining compliance with the existing air quality permit. Upgrading this truck better prepares the operation for the north cell expansion.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6110-Landfill						$1,563,000	**$1,563,000**
Grand Total							**$1,563,000**	**$1,563,000**

AUXILIARY EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78532

Project Number: CIPLF78532

Description

This project funds the replacement of auxiliary equipment needed by the landfill. This includes light towers, air compressors, skid steers, and a lube trailer. FY2023 will include replacing a light tower and skid steer tractor. FY2026 includes replacing a forklift.

Justification

This funding is intended to replace equipment that has met or exceeded its serviceable life or is not economical to rebuild. This equipment performs a multitude of critical functions that are required to maintain landfill operations efficiently and effectively to meet the landfill regulatory permit requirements.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6110-Landfill		$66,000			$50,000		**$116,000**
Grand Total			**$66,000**			**$50,000**		**$116,000**

STORMWATER CONTROLS

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78534

Project Number: CIPLF78534

Description

This project provides funding for stormwater controls for the Glendale Municipal Landfill include berms, culvert down drains, and channels required to stabilize the landfill footprint.

Justification

Construction and maintenance of these stormwater controls is mandated by the landfill's regulatory permit with the Arizona Department of Environmental Quality.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$230,000	$240,000	$250,000	$250,000	$700,000	$1,250,000	**$2,920,000**
DESIGN	6110-Landfill	$50,000	$50,000	$50,000	$50,000	$150,000	$250,000	**$600,000**
INTRNL CHG	6110-Landfill	$8,740	$9,120	$9,500	$9,500	$26,600	$47,500	**$110,960**
PUBLIC ART	6110-Landfill	$2,300	$2,400	$2,500	$2,500	$7,000	$12,500	**$29,200**
Grand Total		**$291,040**	**$301,520**	**$312,000**	**$312,000**	**$883,600**	**$1,560,000**	**$3,660,160**

LANDFILL GAS EXTRACTION SYSTEM

Package Number	Project Type	Project Number
FY22-31CIP	Landfill	CIPLF78535

Project Number: CIPLF78535

Description

This project funds modifications to the Landfill Gas Extraction System (LGES) includes vertical wellheads, new laterals and horizontal collectors and are required to provide the collection of landfill gas created from the placement of trash.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6110-Landfill	$350,000	$450,000	$260,000	$240,000	$1,100,000	$477,000	**$2,877,000**
DESIGN	6110-Landfill	$50,000	$50,000	$40,000	$40,000	$100,000	$55,000	**$335,000**
PUBLIC ART	6110-Landfill	$3,500	$4,500	$2,600	$2,400	$11,000	$4,770	**$28,770**
Grand Total		**$403,500**	**$504,500**	**$302,600**	**$282,400**	**$1,211,000**	**$536,770**	**$3,240,770**

Library

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPLB19045	VELMA TEAGUE LIBRARY RENOVATION	$0	$642,318	$3,801,805	$975,341	$0	$0	**$5,419,464**
CIPLB19046	MAIN LIBRARY RENOVATION	$0	$1,284,888	$0	$7,696,479	$2,116,782	$61,032	**$11,159,181**
CIPLB19066	FOOTHILLS LIBRARY RENOVATION	$225,000	$0	$366,000	$0	$1,384,075	$5,412,500	**$7,387,575**
Grand Total		**$225,000**	**$1,927,206**	**$4,167,805**	**$8,671,820**	**$3,500,857**	**$5,473,532**	**$23,966,220**

Library

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
4100-Library Construction	$225,000	$1,927,206	$4,167,805	$8,671,820	$3,500,857	$5,473,532	**$23,966,220**
Grand Total	**$225,000**	**$1,927,206**	**$4,167,805**	**$8,671,820**	**$3,500,857**	**$5,473,532**	**$23,966,220**

VELMA TEAGUE LIBRARY RENOVATION

Package Number	Project Type	Project Number
FY22-31CIP	Library	CIPLB19045

Project Number: CIPLB19045

Description

This project is to update the entire library including all building systems – electrical, plumbing, interior, exterior, and HVAC, as well as functionality improvements. Facility condition is being assessed in FY20, and results will refine the project.

Justification

This library was constructed in 1971 and needs updating to serve the programmatic needs of the community. It is anticipated that the assessment will indicate substantial building infrastructure needs.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4100-Library Construction		$0	$3,162,560	$790,640			**$3,953,200**
CONTGNCY	4100-Library Construction		$0	$325,000	$85,000			**$410,000**
DESIGN	4100-Library Construction		$642,318	$160,579	$0			**$802,897**
EQUIPMENT	4100-Library Construction		$0	$0	$61,285			**$61,285**
INTRNL CHG	4100-Library Construction		$0	$122,040	$30,510			**$152,550**
PUBLIC ART	4100-Library Construction		$0	$31,626	$7,906			**$39,532**
Grand Total			**$642,318**	**$3,801,805**	**$975,341**			**$5,419,464**

MAIN LIBRARY RENOVATION

Package Number	Project Type	Project Number
FY22-31CIP	Library	CIPLB19046

Project Number: CIPLB19046

Description

This project is to renew all building systems, including interior renewal and functional remodeling, roofing (skylights), HVAC, ADA, and plumbing. Equipment and technology updates are also included. Facility condition is being assessed in FY20 and the results will refine the project.

Justification

The library was built in 1997. This project is necessary to extend the life of the structure, to improve library services, community experience, and improve the lives of the people we serve.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4100-Library Construction		$0		$6,424,440	$1,606,110	$0	**$8,030,550**
CONTGNCY	4100-Library Construction		$0		$642,444	$160,611	$0	**$803,055**
DESIGN	4100-Library Construction		$1,284,888		$321,222	$0	$0	**$1,606,110**
EQUIPMENT	4100-Library Construction		$0		$0	$334,000	$0	**$334,000**
INTRNL CHG	4100-Library Construction		$0		$244,129	$0	$61,032	**$305,161**
PUBLIC ART	4100-Library Construction		$0		$64,244	$16,061	$0	**$80,305**
Grand Total			**$1,284,888**		**$7,696,479**	**$2,116,782**	**$61,032**	**$11,159,181**

FOOTHILLS LIBRARY RENOVATION

Package Number	Project Type	Project Number
FY22-31CIP	Library	CIPLB19066

Project Number: CIPLB19066

Description

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

Justification

The library was built in 1997. This project is necessary to extend the life of the structure, to improve library services, community experience, and improve the lives of the people we serve.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4100-Library Construction	$0		$0		$0	$5,412,500	**$5,412,500**
CONTGNCY	4100-Library Construction	$0		$0		$811,875	$0	**$811,875**
DESIGN	4100-Library Construction	$0		$366,000		$216,500	$0	**$582,500**
EQUIPMENT	4100-Library Construction	$225,000		$0		$95,900	$0	**$320,900**
INTRNL CHG	4100-Library Construction	$0		$0		$205,675	$0	**$205,675**
PUBLIC ART	4100-Library Construction	$0		$0		$54,125	$0	**$54,125**
Grand Total		**$225,000**		**$366,000**		**$1,384,075**	**$5,412,500**	**$7,387,575**

Parking Lots

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPL19059	RENEW PARKING GARAGES / LOTS					$525,000	$5,705,560	**$6,230,560**
Grand Total						**$525,000**	**$5,705,560**	**$6,230,560**

Parking Lots

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
1080-General Government Capital Prj					$525,000	$5,705,560	**$6,230,560**
Grand Total					**$525,000**	**$5,705,560**	**$6,230,560**

RENEW PARKING GARAGES / LOTS

Package Number	Project Type	Project Number
FY22-31CIP	Parking Lots	CIPPL19059

Project Number: CIPPL19059

Description

This project is to repair the existing parking garages and parking lots across the city. Parking garages and lots associated with business-critical buildings are the highest priority. Repairs to the City Hall parking garage are programmed for FY2021. Other priority parking lots in need of capital repairs include Fire Station 157, Gateway Public Safety, Foothills Public Safety, and GRPSTC. Assessments of parks are still ongoing, and results will determine priorities.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	1080-General Government C..					$0	$4,970,000	**$4,970,000**
CONTGNCY	1080-General Government C..					$0	$497,000	**$497,000**
DESIGN	1080-General Government C..					$525,000	$0	**$525,000**
INTRNL CHG	1080-General Government C..					$0	$188,860	**$188,860**
PUBLIC ART	1080-General Government C..					$0	$49,700	**$49,700**
Grand Total						**$525,000**	**$5,705,560**	**$6,230,560**

Parks

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPK19034	PARK INFRASTRUCTURE IMPROVEMENTS	$0	$10,500,000	$10,500,000	$10,500,000	$9,240,000	$0	**$40,740,000**
CIPPK19036	HEROES REGIONAL PARK LAKE	$4,203,361	$0	$0	$0	$0	$0	**$4,203,361**
CIPPK19077	THUNDERBIRD CONSV. PARK IMPS	$0	$1,000,000	$3,040,000	$0	$0	$0	**$4,040,000**
CIPPK21033	HEROES REGIONAL PARK BUILD OUT	$0	$0	$0	$0	$0	$46,400,000	**$46,400,000**
CIPPK22007	ROSE LANE PARK IMPROVEMENTS	$970,000	$0	$0	$0	$0	$0	**$970,000**
CIPPK22008	BONSALL PARK IMPROVEMENTS	$428,668	$0	$0	$0	$0	$0	**$428,668**
CIPPK22009	ACOMA PARK IMPROVEMENTS	$279,239	$0	$0	$0	$0	$0	**$279,239**
CIPPK22010	MONDO PARK IMPROVEMENTS	$182,090	$0	$0	$0	$0	$0	**$182,090**
CIPPK22011	MARY SILVA PARK IMPROVEMENTS	$0	$226,935	$0	$0	$0	$0	**$226,935**
CIPPK22012	HIDDEN MEADOW PARK IMPROVEMENTS	$0	$217,470	$0	$0	$0	$0	**$217,470**
CIPPK22013	HERITAGE PARK IMPROVEMENTS	$0	$160,000	$0	$0	$0	$0	**$160,000**
CIPPK22014	HILLCREST PARK IMPROVEMENTS	$0	$171,710	$0	$0	$0	$0	**$171,710**
CIPPK22015	NEW WORLD PARK IMPROVEMENTS	$0	$0	$314,143	$0	$0	$0	**$314,143**
CIPPK22016	MISSION PARK IMPROVEMENTS	$0	$0	$119,032	$125,000	$0	$0	**$244,032**
CIPPK22017	O'NEIL PARK IMPROVEMENTS	$0	$0	$141,516	$0	$0	$0	**$141,516**

Parks

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPK22018	MONTARA PARK IMPROVEMENTS	$0	$0	$449,750	$0	$0	$0	**$449,750**
CIPPK22019	CARMEL PARK IMPROVEMENTS	$0	$0	$431,580	$0	$0	$0	**$431,580**
CIPPK22020	DELICAS PARK IMPROVEMENTS	$0	$0	$0	$150,000	$0	$0	**$150,000**
CIPPK22021	LIONS PARK IMPROVEMENTS	$0	$0	$0	$171,710	$0	$0	**$171,710**
CIPPK22022	COUNTRY GABELS PARK IMPROVEMENTS	$0	$0	$0	$212,328	$0	$0	**$212,328**
CIPPK22023	SUNNYSIDE PARK IMPROVEMENTS	$0	$0	$0	$347,220	$0	$0	**$347,220**
CIPPK22024	TARRINGTON RANCH PARK IMPROVEMENTS	$0	$0	$0	$238,230	$0	$0	**$238,230**
CIPPK22025	FOOTHILLS PARK IMPROVEMENTS	$0	$0	$0	$841,645	$0	$0	**$841,645**
CIPPK22026	NORTHERN HORIZON PARK IMPROVEMENTS	$0	$0	$0	$0	$916,520	$0	**$916,520**
CIPPK22027	MYRTLE PARK IMPROVEMENTS	$0	$0	$0	$0	$47,870	$0	**$47,870**
CIPPK22028	CLAVELITO PARK IMPROVEMENTS	$0	$0	$0	$0	$269,260	$0	**$269,260**
CIPPK22029	BUTLER PARK IMPROVEMENTS	$0	$0	$0	$0	$284,940	$0	**$284,940**
CIPPK22030	CHOLLA PARK IMPROVEMENTS	$0	$0	$0	$0	$284,900	$0	**$284,900**
CIPPK22031	SIERRA VERDE PARK IMPROVEMENTS	$0	$0	$0	$0	$252,660	$0	**$252,660**
CIPPK22032	SKUNK CREEK LINEAR TRAIL	$0	$0	$0	$1,000,000	$0	$0	**$1,000,000**

Parks

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPK22033	GRAND CANAL LINEAR PARK IMPROVEMENT	$0	$1,000,000	$4,000,000	$0	$0	$0	**$5,000,000**
CIPPK22034	THUNDERBIRD PASEO IMPROVEMENTS	$0	$0	$1,000,000	$4,125,000	$0	$0	**$5,125,000**
CIPPK22035	MID-CITY SPLASH PAD	$1,364,723	$0	$0	$0	$0	$0	**$1,364,723**
CIPPK22036	NEW RIVER TRAIL IMPROVEMENTS	$0	$0	$552,489	$0	$0	$0	**$552,489**
CIPPK77516	AMPHITHEATER RENOVATIONS	$0	$0	$0	$0	$2,872,624	$0	**$2,872,624**
Grand Total		**$7,428,081**	**$13,276,115**	**$20,548,510**	**$17,711,133**	**$14,168,774**	**$46,400,000**	**$119,532,613**

Parks

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
4050-Parks Construction	$6,063,358	$11,276,115	$11,956,021	$12,586,133	$11,296,150	$46,400,000	**$99,577,777**
4060-Government Facilities	$0	$0	$0	$0	$2,872,624	$0	**$2,872,624**
4090-Open Space/Trail Construction	$0	$2,000,000	$8,040,000	$5,125,000	$0	$0	**$15,165,000**
4320-2014-DIF Parks & Rec Zn 1 East	$1,364,723	$0	$0	$0	$0	$0	**$1,364,723**
4330-2014-DIF Parks&Rec Zn 2 W 101	$0	$0	$552,489	$0	$0	$0	**$552,489**
Grand Total	**$7,428,081**	**$13,276,115**	**$20,548,510**	**$17,711,133**	**$14,168,774**	**$46,400,000**	**$119,532,613**

PARK INFRASTRUCTURE IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK19034

Project Number: CIPPK19034

Description

This funding is to continue making progress to address the needs in park infrastructure improvement by renovating up to two thirds of the parks not currently covered in the CIP. These include ramadas,

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction		$7,713,861	$7,713,861	$7,713,861	$7,713,861		**$30,855,444**
CONTGNCY	4050-Parks Construction		$1,050,000	$1,050,000	$1,050,000	$1,050,000		**$4,200,000**
DESIGN	4050-Parks Construction		$1,260,000	$1,260,000	$1,260,000	$0		**$3,780,000**
INTRNL CHG	4050-Parks Construction		$399,000	$399,000	$399,000	$399,000		**$1,596,000**
PUBLIC ART	4050-Parks Construction		$77,139	$77,139	$77,139	$77,139		**$308,556**
Grand Total			**$10,500,000**	**$10,500,000**	**$10,500,000**	**$9,240,000**		**$40,740,000**

HEROES REGIONAL PARK LAKE

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK19036

Project Number: CIPPK19036

Description

This project is for the construction of an urban lake at Heroes Regional Park. The originally approved concept is for 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction	$3,587,423						**$3,587,423**
CONTGNCY	4050-Parks Construction	$420,336						**$420,336**
INTRNL CHG	4050-Parks Construction	$159,728						**$159,728**
PUBLIC ART	4050-Parks Construction	$35,874						**$35,874**
Grand Total		**$4,203,361**						**$4,203,361**

THUNDERBIRD CONSV. PARK IMPS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK19077

Project Number: CIPPK19077

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4090-Open Space/Trail Cons..		$500,000	$2,856,000				**$3,356,000**
DESIGN	4090-Open Space/Trail Cons..		$500,000	$0				**$500,000**
INTRNL CHG	4090-Open Space/Trail Cons..		$0	$144,000				**$144,000**
PUBLIC ART	4090-Open Space/Trail Cons..		$0	$40,000				**$40,000**
Grand Total			**$1,000,000**	**$3,040,000**				**$4,040,000**

HEROES REGIONAL PARK BUILD OUT

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK21033

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction						$38,000,000	**$38,000,000**
CONTGNCY	4050-Parks Construction						$3,500,000	**$3,500,000**
DESIGN	4050-Parks Construction						$3,000,000	**$3,000,000**
INTRNL CHG	4050-Parks Construction						$1,500,000	**$1,500,000**
PUBLIC ART	4050-Parks Construction						$400,000	**$400,000**
Grand Total							**$46,400,000**	**$46,400,000**

ROSE LANE PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22007

Project Number: CIPPK22007

Description

This project is for improvements at Rose Lane 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

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction	$729,440						**$729,440**
CONTGNCY	4050-Parks Construction	$97,000						**$97,000**
DESIGN	4050-Parks Construction	$97,000						**$97,000**
INTRNL CHG	4050-Parks Construction	$36,860						**$36,860**
PUBLIC ART	4050-Parks Construction	$9,700						**$9,700**
Grand Total		**$970,000**						**$970,000**

BONSALL PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22008

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”.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction	$322,920						**$322,920**
CONTGNCY	4050-Parks Construction	$42,867						**$42,867**
DESIGN	4050-Parks Construction	$42,867						**$42,867**
INTRNL CHG	4050-Parks Construction	$16,289						**$16,289**
PUBLIC ART	4050-Parks Construction	$3,725						**$3,725**
Grand Total		**$428,668**						**$428,668**

ACOMA PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22009

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction	$214,177						**$214,177**
CONTGNCY	4050-Parks Construction	$27,923						**$27,923**
DESIGN	4050-Parks Construction	$27,923						**$27,923**
INTRNL CHG	4050-Parks Construction	$8,378						**$8,378**
PUBLIC ART	4050-Parks Construction	$838						**$838**
Grand Total		**$279,239**						**$279,239**

MONDO PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22010

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”.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction	$136,933						**$136,933**
CONTGNCY	4050-Parks Construction	$18,209						**$18,209**
DESIGN	4050-Parks Construction	$18,209						**$18,209**
INTRNL CHG	4050-Parks Construction	$6,919						**$6,919**
PUBLIC ART	4050-Parks Construction	$1,820						**$1,820**
Grand Total		**$182,090**						**$182,090**

MARY SILVA PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22011

Project Number: CIPPK22011

Description

This project is for improvements at Mary Silva 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

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction		$170,656					**$170,656**
CONTGNCY	4050-Parks Construction		$22,693					**$22,693**
DESIGN	4050-Parks Construction		$22,693					**$22,693**
INTRNL CHG	4050-Parks Construction		$8,624					**$8,624**
PUBLIC ART	4050-Parks Construction		$2,269					**$2,269**
Grand Total			**$226,935**					**$226,935**

HIDDEN MEADOW PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22012

Project Number: CIPPK22012

Description

This project is for improvements at Hidden Meadow 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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction		$163,538					**$163,538**
CONTGNCY	4050-Parks Construction		$21,747					**$21,747**
DESIGN	4050-Parks Construction		$21,747					**$21,747**
INTRNL CHG	4050-Parks Construction		$8,264					**$8,264**
PUBLIC ART	4050-Parks Construction		$2,174					**$2,174**
Grand Total			**$217,470**					**$217,470**

HERITAGE PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22013

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 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction		$120,320					**$120,320**
CONTGNCY	4050-Parks Construction		$16,000					**$16,000**
DESIGN	4050-Parks Construction		$16,000					**$16,000**
INTRNL CHG	4050-Parks Construction		$6,080					**$6,080**
PUBLIC ART	4050-Parks Construction		$1,600					**$1,600**
Grand Total			**$160,000**					**$160,000**

HILLCREST PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22014

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”.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction		$129,128					**$129,128**
CONTGNCY	4050-Parks Construction		$17,170					**$17,170**
DESIGN	4050-Parks Construction		$17,170					**$17,170**
INTRNL CHG	4050-Parks Construction		$6,525					**$6,525**
PUBLIC ART	4050-Parks Construction		$1,717					**$1,717**
Grand Total			**$171,710**					**$171,710**

NEW WORLD PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22015

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”.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction			$236,237				**$236,237**
CONTGNCY	4050-Parks Construction			$31,414				**$31,414**
DESIGN	4050-Parks Construction			$31,414				**$31,414**
INTRNL CHG	4050-Parks Construction			$11,937				**$11,937**
PUBLIC ART	4050-Parks Construction			$3,141				**$3,141**
Grand Total				**$314,143**				**$314,143**

MISSION PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22016

Project Number: CIPPK22016

Description

This project is for improvements at Mission Park. The improvements will include park lighting, and a new irrigation system. 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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction			$89,513	$106,500			**$196,013**
CONTGNCY	4050-Parks Construction			$11,903	$12,500			**$24,403**
DESIGN	4050-Parks Construction			$11,903	$0			**$11,903**
INTRNL CHG	4050-Parks Construction			$4,523	$4,750			**$9,273**
PUBLIC ART	4050-Parks Construction			$1,190	$1,250			**$2,440**
Grand Total				**$119,032**	**$125,000**			**$244,032**

O'NEIL PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22017

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 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction			$106,421				**$106,421**
CONTGNCY	4050-Parks Construction			$14,151				**$14,151**
DESIGN	4050-Parks Construction			$14,151				**$14,151**
INTRNL CHG	4050-Parks Construction			$5,378				**$5,378**
PUBLIC ART	4050-Parks Construction			$1,415				**$1,415**
Grand Total				**$141,516**				**$141,516**

MONTARA PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22018

Project Number: CIPPK22018

Description

This project is for park improvements at Montara Park. The improvements will include improved lighting, 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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction			$338,212				**$338,212**
CONTGNCY	4050-Parks Construction			$44,975				**$44,975**
DESIGN	4050-Parks Construction			$44,975				**$44,975**
INTRNL CHG	4050-Parks Construction			$17,091				**$17,091**
PUBLIC ART	4050-Parks Construction			$4,497				**$4,497**
Grand Total				**$449,750**				**$449,750**

CARMEL PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22019

Project Number: CIPPK22019

Description

This project is for improvements at Carmel Park. The improvements will include enhanced lighting, a new irrigation system, resurfaces courts 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”.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction			$324,549				**$324,549**
CONTGNCY	4050-Parks Construction			$43,158				**$43,158**
DESIGN	4050-Parks Construction			$43,158				**$43,158**
INTRNL CHG	4050-Parks Construction			$16,400				**$16,400**
PUBLIC ART	4050-Parks Construction			$4,315				**$4,315**
Grand Total				**$431,580**				**$431,580**

DELICAS PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22020

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 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"".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$127,800			**$127,800**
CONTGNCY	4050-Parks Construction				$15,000			**$15,000**
INTRNL CHG	4050-Parks Construction				$5,700			**$5,700**
PUBLIC ART	4050-Parks Construction				$1,500			**$1,500**
Grand Total					**$150,000**			**$150,000**

LIONS PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22021

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$129,126			**$129,126**
CONTGNCY	4050-Parks Construction				$17,171			**$17,171**
DESIGN	4050-Parks Construction				$17,171			**$17,171**
INTRNL CHG	4050-Parks Construction				$6,525			**$6,525**
PUBLIC ART	4050-Parks Construction				$1,717			**$1,717**
Grand Total					**$171,710**			**$171,710**

COUNTRY GABELS PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22022

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$159,673			**$159,673**
CONTGNCY	4050-Parks Construction				$21,232			**$21,232**
DESIGN	4050-Parks Construction				$21,232			**$21,232**
INTRNL CHG	4050-Parks Construction				$8,068			**$8,068**
PUBLIC ART	4050-Parks Construction				$2,123			**$2,123**
Grand Total					**$212,328**			**$212,328**

SUNNYSIDE PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22023

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$261,110			**$261,110**
CONTGNCY	4050-Parks Construction				$34,722			**$34,722**
DESIGN	4050-Parks Construction				$34,722			**$34,722**
INTRNL CHG	4050-Parks Construction				$13,194			**$13,194**
PUBLIC ART	4050-Parks Construction				$3,472			**$3,472**
Grand Total					**$347,220**			**$347,220**

TARRINGTON RANCH PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22024

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$179,149			**$179,149**
CONTGNCY	4050-Parks Construction				$23,823			**$23,823**
DESIGN	4050-Parks Construction				$23,823			**$23,823**
INTRNL CHG	4050-Parks Construction				$9,053			**$9,053**
PUBLIC ART	4050-Parks Construction				$2,382			**$2,382**
Grand Total					**$238,230**			**$238,230**

FOOTHILLS PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22025

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction				$632,918			**$632,918**
CONTGNCY	4050-Parks Construction				$84,164			**$84,164**
DESIGN	4050-Parks Construction				$84,164			**$84,164**
INTRNL CHG	4050-Parks Construction				$31,983			**$31,983**
PUBLIC ART	4050-Parks Construction				$8,416			**$8,416**
Grand Total					**$841,645**			**$841,645**

NORTHERN HORIZON PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22026

Project Number: CIPPK22026

Description

This project is for improvements at Northern Horizon Park. The improvements will include park lighting, irrigation system improvements and a new playground 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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$689,224		**$689,224**
CONTGNCY	4050-Parks Construction					$91,652		**$91,652**
DESIGN	4050-Parks Construction					$91,652		**$91,652**
INTRNL CHG	4050-Parks Construction					$34,827		**$34,827**
PUBLIC ART	4050-Parks Construction					$9,165		**$9,165**
Grand Total						**$916,520**		**$916,520**

MYRTLE PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22027

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$35,998		**$35,998**
CONTGNCY	4050-Parks Construction					$4,787		**$4,787**
DESIGN	4050-Parks Construction					$4,787		**$4,787**
INTRNL CHG	4050-Parks Construction					$1,819		**$1,819**
PUBLIC ART	4050-Parks Construction					$479		**$479**
Grand Total						**$47,870**		**$47,870**

CLAVELITO PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22028

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$202,483		**$202,483**
CONTGNCY	4050-Parks Construction					$26,926		**$26,926**
DESIGN	4050-Parks Construction					$26,926		**$26,926**
INTRNL CHG	4050-Parks Construction					$10,232		**$10,232**
PUBLIC ART	4050-Parks Construction					$2,693		**$2,693**
Grand Total						**$269,260**		**$269,260**

BUTLER PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22029

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$214,275		**$214,275**
CONTGNCY	4050-Parks Construction					$28,494		**$28,494**
DESIGN	4050-Parks Construction					$28,494		**$28,494**
INTRNL CHG	4050-Parks Construction					$10,828		**$10,828**
PUBLIC ART	4050-Parks Construction					$2,849		**$2,849**
Grand Total						**$284,940**		**$284,940**

CHOLLA PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22030

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$214,245		**$214,245**
CONTGNCY	4050-Parks Construction					$28,490		**$28,490**
DESIGN	4050-Parks Construction					$28,490		**$28,490**
INTRNL CHG	4050-Parks Construction					$10,826		**$10,826**
PUBLIC ART	4050-Parks Construction					$2,849		**$2,849**
Grand Total						**$284,900**		**$284,900**

SIERRA VERDE PARK IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22031

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".

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4050-Parks Construction					$190,000		**$190,000**
CONTGNCY	4050-Parks Construction					$25,266		**$25,266**
DESIGN	4050-Parks Construction					$25,266		**$25,266**
INTRNL CHG	4050-Parks Construction					$9,601		**$9,601**
PUBLIC ART	4050-Parks Construction					$2,527		**$2,527**
Grand Total						**$252,660**		**$252,660**

SKUNK CREEK LINEAR TRAIL

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22032

Project Number: CIPPK22032

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4090-Open Space/Trail Cons..				$752,000			**$752,000**
CONTGNCY	4090-Open Space/Trail Cons..				$100,000			**$100,000**
DESIGN	4090-Open Space/Trail Cons..				$100,000			**$100,000**
INTRNL CHG	4090-Open Space/Trail Cons..				$38,000			**$38,000**
PUBLIC ART	4090-Open Space/Trail Cons..				$10,000			**$10,000**
Grand Total					**$1,000,000**			**$1,000,000**

GRAND CANAL LINEAR PARK IMPROVEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22033

Project Number: CIPPK22033

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4090-Open Space/Trail Cons..		$500,000	$3,260,000				**$3,760,000**
CONTGNCY	4090-Open Space/Trail Cons..		$0	$500,000				**$500,000**
DESIGN	4090-Open Space/Trail Cons..		$500,000	$0				**$500,000**
INTRNL CHG	4090-Open Space/Trail Cons..		$0	$190,000				**$190,000**
PUBLIC ART	4090-Open Space/Trail Cons..		$0	$50,000				**$50,000**
Grand Total			**$1,000,000**	**$4,000,000**				**$5,000,000**

THUNDERBIRD PASEO IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22034

Project Number: CIPPK22034

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4090-Open Space/Trail Cons..			$500,000	$3,368,250			**$3,868,250**
CONTGNCY	4090-Open Space/Trail Cons..			$0	$512,000			**$512,000**
DESIGN	4090-Open Space/Trail Cons..			$500,000	$0			**$500,000**
INTRNL CHG	4090-Open Space/Trail Cons..			$0	$194,750			**$194,750**
PUBLIC ART	4090-Open Space/Trail Cons..			$0	$50,000			**$50,000**
Grand Total				**$1,000,000**	**$4,125,000**			**$5,125,000**

MID-CITY SPLASH PAD

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22035

Project Number: CIPPK22035

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4320-2014-DIF Parks & Rec ..	$1,039,920						**$1,039,920**
CONTGNCY	4320-2014-DIF Parks & Rec ..	$136,472						**$136,472**
DESIGN	4320-2014-DIF Parks & Rec ..	$136,472						**$136,472**
INTRNL CHG	4320-2014-DIF Parks & Rec ..	$51,859						**$51,859**
Grand Total		**$1,364,723**						**$1,364,723**

NEW RIVER TRAIL IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK22036

Project Number: CIPPK22036

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4330-2014-DIF Parks&Rec Z..			$420,998				**$420,998**
CONTGNCY	4330-2014-DIF Parks&Rec Z..			$55,248				**$55,248**
DESIGN	4330-2014-DIF Parks&Rec Z..			$55,248				**$55,248**
INTRNL CHG	4330-2014-DIF Parks&Rec Z..			$20,995				**$20,995**
Grand Total				**$552,489**				**$552,489**

AMPHITHEATER RENOVATIONS

Package Number	Project Type	Project Number
FY22-31CIP	Parks	CIPPK77516

Project Number: CIPPK77516

Description

Renovations of the E Lowell Rogers Amphitheater at City Hall. Design is slated for FY23. Construction in FY2024. Construction includes renovation of basement of Council Chambers. O&M does not include

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4060-Government Facilities					$2,542,434		**$2,542,434**
DESIGN	4060-Government Facilities					$202,000		**$202,000**
INTRNL CHG	4060-Government Facilities					$101,484		**$101,484**
PUBLIC ART	4060-Government Facilities					$26,706		**$26,706**
Grand Total						**$2,872,624**		**$2,872,624**

Public Safety

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPS19029	REPL./REM. FIRE STATION #153	$470,000	$4,720,000	$0	$0	$0	$0	**$5,190,000**
CIPPS19030	NEW POLICE EVIDENCE STORAGE	$900,000	$4,716,000	$4,716,000	$0	$0	$0	**$10,332,000**
CIPPS19041	MAIN PUBLIC SAFETY BLDG REMODEL	$0	$700,000	$11,590,000	$5,613,626	$0	$0	**$17,903,626**
CIPPS19042	FOOTHILLS POLICE STATION REMODEL	$362,412	$0	$0	$420,000	$3,295,748	$0	**$4,078,160**
CIPPS19043	GATEWAY POLICE STATION REMODEL	$375,189	$0	$430,000	$4,596,328	$0	$0	**$5,401,517**
CIPPS19044	RENOVATE FIRE STATION #154	$0	$200,000	$2,425,000	$0	$0	$0	**$2,625,000**
CIPPS19049	FIRE STATION - WESTERN AREA	$0	$0	$0	$0	$0	$12,662,463	**$12,662,463**
CIPPS19050	REPL./REM. FIRE STATION #155	$0	$0	$470,000	$4,720,000	$0	$0	**$5,190,000**
CIPPS19051	RENOVATE FIRE STATION #156	$0	$0	$0	$200,000	$2,425,000	$0	**$2,625,000**
CIPPS19052	RENOVATE FIRE STATION #157	$0	$0	$0	$0	$280,000	$2,545,000	**$2,825,000**
CIPPS19053	POLICE STATION -WEST AREA	$0	$0	$0	$0	$0	$2,095,184	**$2,095,184**
CIPPS22037	UNMANNED AERIAL VEHICLES	$179,500	$0	$0	$0	$0	$0	**$179,500**
CIPPS22038	GROWTH POLICE VEHICLES	$196,383	$0	$0	$0	$0	$0	**$196,383**
CIPPS22080	PUBLIC SAFETY HVAC REPLACEMENTS	$335,000	$0	$0	$0	$0	$0	**$335,000**
CIPPS22083	FS158 FIRE SYSTEM REPLACEMENT	$25,000	$0	$0	$0	$0	$0	**$25,000**

Public Safety

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPPS22085	PUBLIC SAFETY ROOF REPAIR/REPLACE	$398,240	$0	$0	$0	$0	$0	**$398,240**
CIPPS70814	FIRE APPARATUS REPLACEMENT	$884,000	$2,499,614	$2,626,755	$2,758,093	$1,905,620	$9,032,459	**$19,706,541**
Grand Total		**$4,125,724**	**$12,835,614**	**$22,257,755**	**$18,308,047**	**$7,906,368**	**$26,335,106**	**$91,768,614**

Public Safety

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
1080-General Government Capital Prj	$884,000	$2,499,614	$2,626,755	$2,758,093	$1,905,620	$9,032,459	**$19,706,541**
4040-Public Safety Construction	$2,865,841	$10,336,000	$19,631,000	$15,549,954	$6,000,748	$2,545,000	**$56,928,543**
4172-2019-DIF-Fire West	$0	$0	$0	$0	$0	$12,662,463	**$12,662,463**
4190-2012-DIF Police Facilities	$375,883	$0	$0	$0	$0	$0	**$375,883**
4222-2019-DIF-Police West	$0	$0	$0	$0	$0	$2,095,184	**$2,095,184**
Grand Total	**$4,125,724**	**$12,835,614**	**$22,257,755**	**$18,308,047**	**$7,906,368**	**$26,335,106**	**$91,768,614**

REPL./REM. FIRE STATION #153

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19029

Project Number: CIPPS19029

Description

Project is to replace existing FS 153 (59th Ave & Thunderbird) which is nearing the end of its useful life. The new station will include systems (exhaust, laundry, change out area, etc.) to protect firefighters' health & safety to improve the functionality of the station. Costs will be refined based on design construction estimates.

Justification

The station was constructed in 1974 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$0	$4,493,440					**$4,493,440**
DESIGN	4040-Public Safety Constru..	$470,000	$0					**$470,000**
INTRNL CHG	4040-Public Safety Constru..	$0	$179,360					**$179,360**
PUBLIC ART	4040-Public Safety Constru..	$0	$47,200					**$47,200**
Grand Total		**$470,000**	**$4,720,000**					**$5,190,000**

NEW POLICE EVIDENCE STORAGE

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19030

Project Number: CIPPS19030

Description

This project is to design and construct a 30,000 square feet secure warehouse facility for police evidence, property storage and management. This project location and timing will be determined in FY21.

Justification

Police evidence, property storage and management regulatory requirements are increasingly complex and sophisticated. The police department has outgrown their existing capacity and require additional space to meet regulatory requirements.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$0	$4,500,000	$4,500,000				**$9,000,000**
DESIGN	4040-Public Safety Constru..	$900,000	$0	$0				**$900,000**
INTRNL CHG	4040-Public Safety Constru..	$0	$171,000	$171,000				**$342,000**
PUBLIC ART	4040-Public Safety Constru..	$0	$45,000	$45,000				**$90,000**
Grand Total		**$900,000**	**$4,716,000**	**$4,716,000**				**$10,332,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M					$300,000	$300,000		$1,500,000	**$2,100,000**
Grand Total					**$300,000**	**$300,000**		**$1,500,000**	**$2,100,000**

MAIN PUBLIC SAFETY BLDG REMODEL

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19041

Project Number: CIPPS19041

Description

This project is for design and construction of a complete renovation of the main public safety building to include infrastructure needs as well as functionality. Infrastructure needs identified in the building assessment include HVAC, roof, plumbing, and electrical. Renovation would also include updated security and fire protection systems.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..		$0	$9,000,000	$4,000,000			**$13,000,000**
CONTGNCY	4040-Public Safety Constru..		$0	$2,000,000	$779,626			**$2,779,626**
DESIGN	4040-Public Safety Constru..		$700,000	$200,000	$100,000			**$1,000,000**
EQUIPMENT	4040-Public Safety Constru..		$0	$0	$500,000			**$500,000**
INTRNL CHG	4040-Public Safety Constru..		$0	$300,000	$194,000			**$494,000**
PUBLIC ART	4040-Public Safety Constru..		$0	$90,000	$40,000			**$130,000**
Grand Total			**$700,000**	**$11,590,000**	**$5,613,626**			**$17,903,626**

FOOTHILLS POLICE STATION REMODEL

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19042

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 identified in the building assessment include roof, exterior finishes, plumbing fixtures and parking. Renovation would also include updated security. Fire protection systems would be re-assessed and replaced if needed. Parking is an identified deficiency and will be evaluated/fixed in FY20 as part of Public Safety Building Remodel Project. If additional land is necessary, acquisition costs are not included in these estimates.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$318,500			$0	$3,137,553		**$3,456,053**
CONTGNCY	4040-Public Safety Constru..	$25,000			$0	$0		**$25,000**
DESIGN	4040-Public Safety Constru..	$0			$420,000	$0		**$420,000**
INTRNL CHG	4040-Public Safety Constru..	$15,727			$0	$125,238		**$140,965**
PUBLIC ART	4040-Public Safety Constru..	$3,185			$0	$32,957		**$36,142**
Grand Total		**$362,412**			**$420,000**	**$3,295,748**		**$4,078,160**

GATEWAY POLICE STATION REMODEL

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19043

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. Renovation would also include updated security. Fire protection systems would be re-assessed and replaced if needed. Parking is an identified deficiency and will be evaluated/fixed in FY20 as part of Public Safety Building Remodel Project. If additional land is necessary, acquisition costs are not included in these estimates.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$330,604		$0	$4,375,705			**$4,706,309**
CONTGNCY	4040-Public Safety Constru..	$25,000		$0	$0			**$25,000**
DESIGN	4040-Public Safety Constru..	$0		$430,000	$0			**$430,000**
INTRNL CHG	4040-Public Safety Constru..	$16,279		$0	$174,660			**$190,939**
PUBLIC ART	4040-Public Safety Constru..	$3,306		$0	$45,963			**$49,269**
Grand Total		**$375,189**		**$430,000**	**$4,596,328**			**$5,401,517**

RENOVATE FIRE STATION #154

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19044

Project Number: CIPPS19044

Description

Project is to remodel FS 154 (43rd Ave & Peoria) as infrastructure components have reached the end of their useful life. Renovation will include systems (laundry, change out area, etc.) to protect firefighters health & safety, and functional improvements. Infrastructure needs identified in the building assessment include roof, exterior siding, parking and driveways. Renovation would also include updated security, fire protection systems and plumbing.

Justification

The station was constructed in 1982 and components are beyond their useful life. The station house, drives, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..		$0	$2,308,600				**$2,308,600**
DESIGN	4040-Public Safety Constru..		$200,000	$0				**$200,000**
INTRNL CHG	4040-Public Safety Constru..		$0	$92,150				**$92,150**
PUBLIC ART	4040-Public Safety Constru..		$0	$24,250				**$24,250**
Grand Total			**$200,000**	**$2,425,000**				**$2,625,000**

FIRE STATION - WESTERN AREA

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19049

Project Number: CIPPS19049

Description

This project is for the design and construction of a 15,000 square feet, four bay fire station including furniture, fixtures and equipment, 18 personnel, and one engine. ($156,000 in IT Infrastructure is for Finance Charges).

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4172-2019-DIF-Fire West						$5,226,000	**$5,226,000**
CONTGNCY	4172-2019-DIF-Fire West						$1,625,775	**$1,625,775**
DESIGN	4172-2019-DIF-Fire West						$1,407,000	**$1,407,000**
EQUIPMENT	4172-2019-DIF-Fire West						$1,601,040	**$1,601,040**
INTRNL CHG	4172-2019-DIF-Fire West						$198,588	**$198,588**
IT INFRAST	4172-2019-DIF-Fire West						$156,000	**$156,000**
LAND	4172-2019-DIF-Fire West						$2,395,800	**$2,395,800**
PUBLIC ART	4172-2019-DIF-Fire West						$52,260	**$52,260**
Grand Total							**$12,662,463**	**$12,662,463**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M								$1,000,000	**$1,000,000**
Grand Total								**$1,000,000**	**$1,000,000**

REPL./REM. FIRE STATION #155

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19050

Project Number: CIPPS19050

Description

Project is to remodel FS 155 (62nd Ave & Union Hills) as infrastructure components have reached the end of their useful life. Renovation will include systems (laundry, change out area, etc.) to protect firefighters health & safety, and functional improvements. Infrastructure needs identified in the building assessment include roof, interior finishes, plumbing, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1988 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..			$0	$4,493,440			**$4,493,440**
DESIGN	4040-Public Safety Constru..			$470,000	$0			**$470,000**
INTRNL CHG	4040-Public Safety Constru..			$0	$179,360			**$179,360**
PUBLIC ART	4040-Public Safety Constru..			$0	$47,200			**$47,200**
Grand Total				**$470,000**	**$4,720,000**			**$5,190,000**

RENOVATE FIRE STATION #156

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19051

Project Number: CIPPS19051

Description

Project is to remodel FS 156 (68th Ave & Deer Valley) as infrastructure components have reached the end of their useful life. Renovation will include systems (laundry, change out area, etc.) to protect firefighters health & safety, and functional improvements. Infrastructure needs identified in the building assessment include roof, plumbing, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1998 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..				$0	$2,308,600		**$2,308,600**
DESIGN	4040-Public Safety Constru..				$200,000	$0		**$200,000**
INTRNL CHG	4040-Public Safety Constru..				$0	$92,150		**$92,150**
PUBLIC ART	4040-Public Safety Constru..				$0	$24,250		**$24,250**
Grand Total					**$200,000**	**$2,425,000**		**$2,625,000**

RENOVATE FIRE STATION #157

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19052

Project Number: CIPPS19052

Description

Project is to remodel FS 157 (59th Ave and Brown) as infrastructure components have reached the end of their useful life. Renovation will include systems (laundry, change out area, etc.) to protect firefighters health & safety, and functional improvements. Infrastructure needs identified in the building assessment include kitchen casework, roof, interior finishes, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1997 and components are reaching the end of their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..					$0	$2,419,000	**$2,419,000**
DESIGN	4040-Public Safety Constru..					$280,000	$0	**$280,000**
INTRNL CHG	4040-Public Safety Constru..					$0	$99,750	**$99,750**
PUBLIC ART	4040-Public Safety Constru..					$0	$26,250	**$26,250**
Grand Total						**$280,000**	**$2,545,000**	**$2,825,000**

POLICE STATION -WEST AREA

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS19053

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4222-2019-DIF-Police West						$1,858,000	**$1,858,000**
DESIGN	4222-2019-DIF-Police West						$148,000	**$148,000**
INTRNL CHG	4222-2019-DIF-Police West						$70,604	**$70,604**
PUBLIC ART	4222-2019-DIF-Police West						$18,580	**$18,580**
Grand Total							**$2,095,184**	**$2,095,184**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M								$200,000	**$200,000**
Grand Total								**$200,000**	**$200,000**

UNMANNED AERIAL VEHICLES

Package Number	Project Type	Project Number
FY22-31CIP	None	CIPPS22037

Project Number: CIPPS22037

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	4190-2012-DIF Police Facilit..	$179,500						**$179,500**
Grand Total		**$179,500**						**$179,500**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M		$18,000	$18,000	$18,000	$18,000	$18,000		$90,000	**$180,000**
Grand Total		**$18,000**	**$18,000**	**$18,000**	**$18,000**	**$18,000**		**$90,000**	**$180,000**

GROWTH POLICE VEHICLES

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS22038

Project Number: CIPPS22038

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	4190-2012-DIF Police Facilit..	$196,383						**$196,383**
Grand Total		**$196,383**						**$196,383**

PUBLIC SAFETY HVAC REPLACEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS22080

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 have reached the end of their useful life and must be replaced. These systems use R-22 refrigerant which is banned for manufacture and import and is expensive and g

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$335,000						**$335,000**
Grand Total		**$335,000**						**$335,000**

FS158 FIRE SYSTEM REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS22083

Project Number: CIPPS22083

Description

This project is to replace the fire alarm system at Fire Station 158.

Justification

The fire alarm system at Fire Station 158 has exceeded it’s useful life and needs replacement. The system is unreliable and is difficult to find parts and service for. Without this code required fire

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$25,000						**$25,000**
Grand Total		**$25,000**						**$25,000**

PUBLIC SAFETY ROOF REPAIR/REPLACE

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS22085

Project Number: CIPPS22085

Description

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

Justification

These roofs have exceeded their useful life and must be replaced. Failure to replace these roofs in a timely manner will result in further structural damage to the building and interior which will ult

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4040-Public Safety Constru..	$398,240						**$398,240**
Grand Total		**$398,240**						**$398,240**

FIRE APPARATUS REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Public Safety	CIPPS70814

Project Number: CIPPS70814

Description

This project is to provide for programmatic replacement of large Fire Department vehicles to ensure the department may provide essential services to the community. All vehicles have slightly different criteria, and are evaluated for replacement for Fire engines at 7 years/100k miles; and for fire ladder trucks at 10 years/100k miles. Current costs for these vehicles are: Ladder Tender - $470,000; ladders - $1,450,000; engines - $711,000. Future years are programmed with a 5% annual increase.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	1080-General Government C..	$884,000	$2,499,614	$2,626,755	$2,758,093	$1,905,620	$9,032,459	**$19,706,541**
Grand Total		**$884,000**	**$2,499,614**	**$2,626,755**	**$2,758,093**	**$1,905,620**	**$9,032,459**	**$19,706,541**

Solid Waste

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPSW19026	SOLID WASTE SOFTWARE PROCESS IMP.	$367,388	$225,000	$0	$0	$0	$0	**$592,388**
CIPSW19027	REPLACE STREET SWEEPERS	$0	$0	$354,376	$363,235	$372,316	$1,221,196	**$2,311,123**
CIPSW78001	REPLACE ROLLOFF TRUCKS - COMMERCIAL	$231,512	$0	$0	$0	$254,663	$600,368	**$1,086,543**
CIPSW78002	FRONTLOAD TRUCKS-COMMERCIAL	$383,103	$401,346	$411,380	$413,500	$868,110	$2,974,109	**$5,451,548**
CIPSW78003	SIDELOAD TRUCKS-RESIDENTIAL	$2,533,755	$1,855,070	$1,140,867	$1,521,156	$1,566,042	$8,376,922	**$16,993,812**
CIPSW78004	BULK TRASH EQUIP.-RESIDENTIAL	$682,146	$1,538,322	$862,919	$750,360	$909,816	$3,793,932	**$8,537,495**
CIPSW78005	REPLACE PICKUPS / SERVICE TRUCKS	$101,849	$35,566	$0	$0	$39,043	$230,831	**$407,289**
CIPSW78009	ALLEY GATING	$200,000	$100,000	$0	$0	$0	$0	**$300,000**
Grand Total		**$4,499,753**	**$4,155,304**	**$2,769,542**	**$3,048,251**	**$4,009,990**	**$17,197,358**	**$35,680,198**

Solid Waste

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
6120-Solid Waste	$4,499,753	$4,155,304	$2,769,542	$3,048,251	$4,009,990	$17,197,358	**$35,680,198**
Grand Total	**$4,499,753**	**$4,155,304**	**$2,769,542**	**$3,048,251**	**$4,009,990**	**$17,197,358**	**$35,680,198**

SOLID WASTE SOFTWARE PROCESS IMP.

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW19026

Project Number: CIPSW19026

Description

A Solid Waste (SW) process system City or Vendor hosted, improves routing efficiency & provides a comprehensive enterprise-level solution for SW operations. Included: system software, in-vehicle mobile devices,
configuration/conversion/training & support.

Justification

This software project will be the driver for increasing operating efficiencies for a revenue generating enterprise. Funding in FY 2021 is for implementation; FY2022/FY2023 will be for upgrades.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6120-Solid Waste	$367,388	$225,000					**$592,388**
Grand Total		**$367,388**	**$225,000**					**$592,388**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M		$223,992	$142,388						**$366,380**
Grand Total		**$223,992**	**$142,388**						**$366,380**

REPLACE STREET SWEEPERS

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW19027

Project Number: CIPSW19027

Description

This project is to provide programmatic replacement of large Solid Waste vehicles to ensure the department may provide essential services to the community. SW has 6 street sweepers, each with a lifespan of 7 years requiring replacement over next 10 years. Updated costs include current quotes and inflation of 5% per year for established tariffs. Sweeper replacement plan: FY2024-1, FY 2025-1, 2026-2030-2. MAG grant funding will be considered, upon approval, purchase price will be reduced to 5.7% grant match funding requirement.

Justification

The equipment identified in this project are mandated by State and Federal as part of the PM10 nonattainment areas to improve air quality, reduce particulate emissions, and clear streets of road hazards and debris. Programmatic replacement of vehicles will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6120-Solid Waste			$354,376	$363,235	$372,316	$1,221,196	**$2,311,123**
Grand Total				**$354,376**	**$363,235**	**$372,316**	**$1,221,196**	**$2,311,123**

REPLACE ROLLOFF TRUCKS - COMMERCIAL

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78001

Project Number: CIPSW78001

Description

This project is to provide for programmatic replacement of large Solid Waste vehicles to ensure the department may provide essential services to the community. Solid Waste has 3 commercial roll-off trucks requiring replacement over next 10 years. Updated costs include current quotes and inflation of 5% per year for established tariffs. Truck replacement plan: FY2022-1, FY2026-2030-2.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste. Programmatic replacement of vehicles will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6120-Solid Waste	$231,512				$254,663	$600,368	**$1,086,543**
Grand Total		**$231,512**				**$254,663**	**$600,368**	**$1,086,543**

FRONTLOAD TRUCKS-COMMERCIAL

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78002

Project Number: CIPSW78002

Description

This project is to provide programmatic replacement of large Solid Waste vehicles/equipment to ensure the department may provide essential services to the community. SW has 7 front load trucks with a lifespan of 7 years and 1 front load bin delivery truck and trailer with a lifespan of 10 yrs. used for commercial and city services requiring replacement over next 10 years. Updated costs include current quotes and inflation of 5% per year for established tariffs. Truck replacement plan: FY21-(2), FY23-(1), FY26-30-(7).

Justification

The equipment identified in this project are used for safe collection and disposal of solid waste, mandated by State and City code. Assists in maintaining a safe and efficient operation for a revenue generating enterprise. Programmatic replacement of vehicles will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6120-Solid Waste	$383,103	$401,346	$411,380	$413,500	$868,110	$2,974,109	**$5,451,548**
Grand Total		**$383,103**	**$401,346**	**$411,380**	**$413,500**	**$868,110**	**$2,974,109**	**$5,451,548**

SIDELOAD TRUCKS-RESIDENTIAL

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78003

Project Number: CIPSW78003

Description

This project is to provide for programmatic replacement of large Solid Waste vehicles to ensure the department may provide essential services to the community. SW has 26 side load trucks with a lifespan of 6 years requiring replacement over next 10 years. Updated costs include current quotes and inflation of 5% per year for established tariffs. Replacement plan for trucks: FY2021-(4), FY2022-(7), FY 2023-(5), FY 2024-(3), FY 2026-2030-(17).

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste. Programmatic replacement of vehicles will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6120-Solid Waste	$2,533,755	$1,855,070	$1,140,867	$1,521,156	$1,566,042	$8,376,922	**$16,993,812**
Grand Total		**$2,533,755**	**$1,855,070**	**$1,140,867**	**$1,521,156**	**$1,566,042**	**$8,376,922**	**$16,993,812**

BULK TRASH EQUIP.-RESIDENTIAL

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78004

Project Number: CIPSW78004

Description

This project is to provide for programmatic replacement of large Solid Waste vehicles/equipment to ensure the department may provide essential services to the community. SW has 15 rear load trucks and 8 tractors both with a lifespan of 8 years requiring replacement over next 10 years. Two tractors scheduled for replacement in FY2020 were deferred to FY2021 and FY2023 to accommodate a higher priority in replacement of other solid waste equipment that were beyond their lifespan in addition to higher purchasing quotes received. Replacement plan for equipment: FY2021-2 trucks 1 tractor, FY2022-2 trucks, FY2023-4 trucks 1 tractor, FY2024-2 trucks 1 tractor, FY2026-2030-6 trucks and 3 tractors.

Justification

The equipment identified in this project are mandated by State and City code and are utilized for the safe collection and disposal of solid waste. Programmatic replacement of vehicles and equipment will reduce overall lifecycle costs, protect public health and safety while aligning resources with the City's strategic priorities.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6120-Solid Waste	$682,146	$1,538,322	$862,919	$750,360	$909,816	$3,793,932	**$8,537,495**
Grand Total		**$682,146**	**$1,538,322**	**$862,919**	**$750,360**	**$909,816**	**$3,793,932**	**$8,537,495**

REPLACE PICKUPS / SERVICE TRUCKS

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78005

Project Number: CIPSW78005

Description

This project is to provide for programmatic replacement of Solid Waste vehicles to ensure the department may provide essential services to the community. SW has 10 trucks used to support daily operations and provide timely customer service to the community. Costs include current quotes and inflation of 5% per year for established tariffs. Replacement plan for trucks: FY2021-3, FY2022-4, FY2023-1, FY2026-2030-4. FY22 costs are deferrals from FY20 due to elevated replacement needs and increased costs for other equipment.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6120-Solid Waste	$101,849	$35,566			$39,043	$230,831	**$407,289**
Grand Total		**$101,849**	**$35,566**			**$39,043**	**$230,831**	**$407,289**

ALLEY GATING

Package Number	Project Type	Project Number
FY22-31CIP	Solid Waste	CIPSW78009

Project Number: CIPSW78009

Description

A program that manages health/safety issues including blocking of vehicular access and difficulty of enforcement due to illegal dumping in alleys. Program can be requested by affected residential residents or city departments. Program includes residential garbage service relocations/blue stake gate location/gate installation and access key/code.

Justification

Promotes and enhances the quality of life for Glendale residents residing near or adjacent to alley ways, providing a safer and cleaner environment. Project evaluation will occur in FY2023. Project includes pre-gated alley clean-up & citizen notification.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6120-Solid Waste	$200,000	$100,000					**$300,000**
Grand Total		**$200,000**	**$100,000**					**$300,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M					$10,000	$20,000		$100,000	**$130,000**
Grand Total					**$10,000**	**$20,000**		**$100,000**	**$130,000**

Streets

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPST19006	PAVEMENT MANAGEMENT	$10,200,000	$10,506,000	$10,821,180	$11,145,815	$12,231,628	$66,887,556	**$121,792,179**
CIPST19010	BALLPARK BOULEVARD	$1,257,600	$0	$0	$0	$0	$0	**$1,257,600**
CIPST19048	CAPITAL BRIDGE REPAIR PROGRAM	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000	**$2,500,000**
CIPST20012	FLASHING YELLOW ARROWS	$604,770	$0	$0	$0	$0	$0	**$604,770**
CIPST20013	VEHICLE REPLACEMENT	$500,000	$500,000	$500,000	$500,000	$500,000	$2,500,000	**$5,000,000**
CIPST20014	ST RECON BETHANY HM - 43RD TO 51ST	$0	$100,000	$2,732,876	$0	$0	$0	**$2,832,876**
CIPST20016	ST RECON GLENDALE -101 TO EL MIRAGE	$9,357,038	$0	$0	$0	$0	$0	**$9,357,038**
CIPST20021	ST RECON CAMELBACK - 83RD TO 91ST	$1,240,040	$0	$0	$0	$0	$0	**$1,240,040**
CIPST20022	BIKE PROJECTS (MATCH)	$0	$0	$0	$130,000	$130,000	$650,000	**$910,000**
CIPST21015	CENTRAL CORE SIDEWALK GAPS	$390,582	$0	$209,740	$0	$0	$0	**$600,322**
CIPST21016	67TH AVENUE BIKE LANES	$755,788	$0	$466,864	$0	$0	$0	**$1,222,652**
CIPST21018	ST RECON GLENDALE - 101 TO 91ST	$2,949,141	$395,332	$0	$0	$0	$0	**$3,344,473**
CIPST21021	67TH AND T-BIRD INTERSECT IMPROV.	$0	$2,593,315	$0	$0	$0	$0	**$2,593,315**
CIPST21044	ST RECON CACTUS - 51ST TO 59TH	$3,397,999	$0	$0	$0	$0	$0	**$3,397,999**
CIPST21045	ST RECON CACTUS - 59TH TO 67TH	$0	$0	$3,038,075	$0	$0	$0	**$3,038,075**

Streets

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPST21046	ST RECON 51ST AVE-PEORIA TO CACTUS	$0	$2,923,279	$0	$0	$0	$0	**$2,923,279**
CIPST21047	ST RECON 51ST AVE - OLIVE TO PEORIA	$0	$0	$3,116,588	$0	$0	$0	**$3,116,588**
CIPST21051	ST RECON 75TH-GLENDALE TO NORTHERN	$200,000	$3,368,078	$0	$0	$0	$0	**$3,568,078**
CIPST21052	ST RECON 83RD-GLENDALE TO NORTHERN	$200,000	$0	$0	$3,368,078	$0	$0	**$3,568,078**
CIPST22039	ST RECON 59TH-UNION HILLS-BEARDSLEY	$0	$0	$0	$2,737,044	$0	$0	**$2,737,044**
CIPST22042	ST RECON GREENWAY - 59TH TO 51ST	$0	$62,280	$0	$2,826,720	$0	$0	**$2,889,000**
CIPST22043	ST RECON 67TH - GREENWAY TO BELL	$0	$3,503,381	$0	$0	$0	$0	**$3,503,381**
CIPST22044	ST RECON 67TH DEER VLY-PINNACLE PK	$0	$0	$0	$100,000	$3,604,400	$0	**$3,704,400**
CIPST22045	ST RECON 59TH GLENDALE TO NORTHERN	$0	$0	$0	$100,000	$3,604,400	$0	**$3,704,400**
CIPST22046	ST RECON 83RD - GLENDALE TO BHR	$0	$0	$0	$100,000	$3,400,000	$0	**$3,500,000**
CIPST22047	ST RECON GLENDALE - 43RD TO 51ST	$0	$0	$0	$0	$100,000	$3,400,000	**$3,500,000**
CIPST22048	ST RECON GLENDALE - 67TH TO 75TH	$0	$0	$0	$0	$100,000	$3,400,000	**$3,500,000**
CIPST22049	ST RECON BETHANY HM - 59TH TO 67TH	$0	$0	$0	$0	$100,000	$3,400,000	**$3,500,000**
CIPST22050	ST RECON BETHANY HM - 67TH TO 75TH	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22051	ST RECON CAMELBACK - 59TH TO 67TH	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**

Streets

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPST22052	ST RECON CAMELBACK - 67TH TO 75TH	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22053	ST RECON CAMELBACK - 75TH TO 83RD	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22054	ST RECON 67TH - PEORIA TO OLIVE	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22055	ST RECON 67TH - DEER VLLY TO BRDSLY	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22056	ST RECON 75TH-DEER VLLY TO BEARDSLY	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22057	ST RECON 59TH - OLIVE TO NORTHERN	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22058	ST RECON NORTHERN – 43RD TO 51ST	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22059	ST RECON 59TH - T-BIRD TO CACTUS	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22060	ST RECON BELL RD - 59TH TO 67TH	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22061	ST RECON NORTHERN - 51ST TO 59TH	$0	$0	$0	$0	$0	$3,500,000	**$3,500,000**
CIPST22062	PAVEMENT CUT REPAIR	$100,000	$100,000	$100,000	$100,000	$100,000	$500,000	**$1,000,000**
CIPST22063	PEDESTRIAN LED CONVERSION	$2,000,000	$0	$0	$0	$0	$0	**$2,000,000**
CIPST22064	TRANSPORTATION SAFETY PROGRAM	$400,000	$400,000	$400,000	$400,000	$400,000	$2,000,000	**$4,000,000**
CIPST22065	SCALLOP STREET PROGRAM	$0	$0	$200,000	$1,700,000	$1,700,000	$8,500,000	**$12,100,000**
CIPST22066	89TH AVE - OCOTILLO TO GLENDALE	$311,400	$1,038,000	$0	$0	$0	$0	**$1,349,400**

Streets

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPST22067	57TH AND GREENWAY INTERSECT IMPROV.	$200,000	$0	$0	$0	$0	$0	**$200,000**
CIPST22068	59TH AND NORTHERN INTERSECT IMPROV.	$155,700	$830,400	$0	$0	$0	$0	**$986,100**
CIPST65005	ITS UPGRADES	$190,000	$190,000	$190,000	$190,000	$190,000	$950,000	**$1,900,000**
CIPST65006	BUS PULLOUTS	$150,000	$300,000	$300,000	$300,000	$300,000	$1,500,000	**$2,850,000**
CIPST65016	NORTHERN PARKWAY	$670,000	$670,000	$670,000	$670,000	$670,000	$0	**$3,350,000**
CIPST68918	INFILL LIGHTING PROGRAM	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	**$1,500,000**
CIPST68922	STREETLIGHT POLE PROGRAM	$75,000	$75,000	$75,000	$75,000	$75,000	$375,000	**$750,000**
Grand Total		**$35,705,058**	**$27,955,065**	**$23,220,323**	**$24,842,657**	**$27,605,428**	**$138,062,556**	**$277,391,087**

Streets

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
2050-Highway User Gas Tax	$3,200,000	$3,296,000	$3,394,880	$3,496,726	$3,601,628	$19,695,179	**$36,684,413**
2070-Transportation Sales Tax	$7,000,000	$7,210,000	$7,426,300	$7,649,089	$8,630,000	$47,192,377	**$85,107,766**
4010-Streets Construction	$17,344,218	$10,352,350	$9,087,539	$10,931,842	$12,608,800	$60,700,000	**$121,024,749**
4020-Hurf Capital Projects	$2,975,000	$975,000	$975,000	$975,000	$975,000	$4,875,000	**$11,750,000**
4030-Transportation Capital Proj	$3,261,140	$1,660,000	$2,336,604	$1,790,000	$1,790,000	$5,600,000	**$16,437,744**
4410-2014-DIF Streets Zone 1 East	$0	$1,917,189	$0	$0	$0	$0	**$1,917,189**
4420-2014-DIF Streets Zn 2 West 101	$311,400	$1,038,000	$0	$0	$0	$0	**$1,349,400**
4431-2019-DIF-Streets East	$1,613,300	$1,506,526	$0	$0	$0	$0	**$3,119,826**
Grand Total	**$35,705,058**	**$27,955,065**	**$23,220,323**	**$24,842,657**	**$27,605,428**	**$138,062,556**	**$277,391,087**

PAVEMENT MANAGEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST19006

Project Number: CIPST19006

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	2050-Highway User Gas Tax	$3,000,000	$3,096,000	$3,194,880	$3,296,726	$3,401,628	$18,695,180	**$34,684,414**
	2070-Transportation Sales ..	$6,654,103	$6,864,103	$7,080,403	$7,303,192	$8,284,103	$45,060,418	**$81,246,322**
CONTGNCY	2050-Highway User Gas Tax	$86,000	$86,000	$86,000	$86,000	$115,141	$575,704	**$1,034,845**
	2070-Transportation Sales ..	$211,947	$211,947	$211,947	$211,947	$180,756	$1,306,254	**$2,334,798**
INTRNL CHG	2050-Highway User Gas Tax	$114,000	$114,000	$114,000	$114,000	$84,859	$424,295	**$965,154**
	2070-Transportation Sales ..	$133,950	$133,950	$133,950	$133,950	$165,141	$825,705	**$1,526,646**
Grand Total		**$10,200,000**	**$10,506,000**	**$10,821,180**	**$11,145,815**	**$12,231,628**	**$66,887,556**	**$121,792,179**

BALLPARK BOULEVARD

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST19010

Project Number: CIPST19010

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4431-2019-DIF-Streets East	$1,200,000						**$1,200,000**
INTRNL CHG	4431-2019-DIF-Streets East	$45,600						**$45,600**
PUBLIC ART	4431-2019-DIF-Streets East	$12,000						**$12,000**
Grand Total		**$1,257,600**						**$1,257,600**

CAPITAL BRIDGE REPAIR PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST19048

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	**$2,000,000**
CONTGNCY	4030-Transportation Capita..	$14,450	$14,450	$14,450	$14,450	$14,450	$72,250	**$144,500**
DESIGN	4030-Transportation Capita..	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000	**$250,000**
INTRNL CHG	4030-Transportation Capita..	$8,550	$8,550	$8,550	$8,550	$8,550	$42,750	**$85,500**
PUBLIC ART	4030-Transportation Capita..	$2,000	$2,000	$2,000	$2,000	$2,000	$10,000	**$20,000**
Grand Total		**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$1,250,000**	**$2,500,000**

FLASHING YELLOW ARROWS

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20012

Project Number: CIPST20012

Description

The project is to convert left-turn movements at existing signalized intersections to flashing yellow arrow operation with the purpose of 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$475,170						**$475,170**
INTRNL CHG	4030-Transportation Capita..	$102,600						**$102,600**
PUBLIC ART	4030-Transportation Capita..	$27,000						**$27,000**
Grand Total		**$604,770**						**$604,770**

VEHICLE REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20013

Project Number: CIPST20013

Description

Replacement of existing vehicles that support transportation operations.

Justification

Replacing existing vehicles will enable efficiency and reduce maintenance costs. This includes vehicles and equipment in the Transportation Department.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	4020-Hurf Capital Projects	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000	**$2,500,000**
	4030-Transportation Capita..	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000	**$2,500,000**
Grand Total		**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$2,500,000**	**$5,000,000**

ST RECON BETHANY HM - 43RD TO 51ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20014

Project Number: CIPST20014

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction		$0	$2,607,706				**$2,607,706**
DESIGN	4010-Streets Construction		$96,339	$0				**$96,339**
INTRNL CHG	4010-Streets Construction		$3,661	$99,093				**$102,754**
PUBLIC ART	4010-Streets Construction		$0	$26,077				**$26,077**
Grand Total			**$100,000**	**$2,732,876**				**$2,832,876**

ST RECON GLENDALE -101 TO EL MIRAGE

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20016

Project Number: CIPST20016

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$8,941,973						**$8,941,973**
CONTGNCY	4010-Streets Construction	$77,411						**$77,411**
INTRNL CHG	4010-Streets Construction	$250,000						**$250,000**
PUBLIC ART	4010-Streets Construction	$87,654						**$87,654**
Grand Total		**$9,357,038**						**$9,357,038**

ST RECON CAMELBACK - 83RD TO 91ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20021

Project Number: CIPST20021

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$1,199,852						$1,199,852
INTRNL CHG	4010-Streets Construction	$31,701						$31,701
PUBLIC ART	4010-Streets Construction	$8,487						$8,487
Grand Total		**$1,240,040**						$1,240,040

BIKE PROJECTS (MATCH)

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST20022

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..				$130,000	$130,000	$650,000	**$910,000**
Grand Total					**$130,000**	**$130,000**	**$650,000**	**$910,000**

CENTRAL CORE SIDEWALK GAPS

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21015

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$0		$125,194				**$125,194**
DESIGN	4030-Transportation Capita..	$281,220		$0				**$281,220**
INTRNL CHG	4030-Transportation Capita..	$20,862		$62,586				**$83,448**
PUBLIC ART	4030-Transportation Capita..	$0		$21,960				**$21,960**
RIGHTOFWAY	4030-Transportation Capita..	$88,500		$0				**$88,500**
Grand Total		**$390,582**		**$209,740**				**$600,322**

67TH AVENUE BIKE LANES

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21016

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$0		$258,905				**$258,905**
DESIGN	4030-Transportation Capita..	$728,119		$0				**$728,119**
INTRNL CHG	4030-Transportation Capita..	$27,669		$162,537				**$190,206**
PUBLIC ART	4030-Transportation Capita..	$0		$45,422				**$45,422**
Grand Total		**$755,788**		**$466,864**				**$1,222,652**

ST RECON GLENDALE - 101 TO 91ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21018

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$2,120,145	$374,144					**$2,494,289**
CONTGNCY	4010-Streets Construction	$641,384	$0					**$641,384**
DESIGN	4010-Streets Construction	$85,000	$0					**$85,000**
INTRNL CHG	4010-Streets Construction	$80,566	$17,447					**$98,013**
PUBLIC ART	4010-Streets Construction	$22,046	$3,741					**$25,787**
Grand Total		**$2,949,141**	**$395,332**					**$3,344,473**

67TH AND T-BIRD INTERSECT IMPROV.

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21021

Project Number: CIPST21021

Description

This project includes modifications to the intersection of 67th Avenue and Thunderbird Road by designing and constructing an additional eastbound and westbound through lane in the immediate vicinity of the intersection

Justification

The intersection was part of a March 2017 Intersection Level of Service Analysis report. It was found that it operates at a level of service E during the morning peak traffic volume period. This is below the City standard of LOS D.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4410-2014-DIF Streets Zone..		$1,371,192					**$1,371,192**
	4431-2019-DIF-Streets East		$650,433					**$650,433**
CONTGNCY	4410-2014-DIF Streets Zone..		$453,660					**$453,660**
INTRNL CHG	4410-2014-DIF Streets Zone..		$92,337					**$92,337**
	4431-2019-DIF-Streets East		$25,693					**$25,693**
Grand Total			**$2,593,315**					**$2,593,315**

ST RECON CACTUS - 51ST TO 59TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21044

Project Number: CIPST21044

Description

Project to reconstruct street segment between Cactus Road from 51st Avenue to 59th 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$2,715,291						**$2,715,291**
CONTGNCY	4010-Streets Construction	$554,000						**$554,000**
INTRNL CHG	4010-Streets Construction	$102,448						**$102,448**
PUBLIC ART	4010-Streets Construction	$26,260						**$26,260**
Grand Total		**$3,397,999**						**$3,397,999**

ST RECON CACTUS - 59TH TO 67TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21045

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction			$2,784,078				**$2,784,078**
CONTGNCY	4010-Streets Construction			$115,955				**$115,955**
INTRNL CHG	4010-Streets Construction			$110,201				**$110,201**
PUBLIC ART	4010-Streets Construction			$27,841				**$27,841**
Grand Total				**$3,038,075**				**$3,038,075**

ST RECON 51ST AVE-PEORIA TO CACTUS

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21046

Project Number: CIPST21046

Description

Project to reconstruct street segment between 51st Avenue from Peoria Avenue to Cactus Road.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction		$2,678,700					**$2,678,700**
CONTGNCY	4010-Streets Construction		$111,755					**$111,755**
INTRNL CHG	4010-Streets Construction		$106,037					**$106,037**
PUBLIC ART	4010-Streets Construction		$26,787					**$26,787**
Grand Total			**$2,923,279**					**$2,923,279**

ST RECON 51ST AVE - OLIVE TO PEORIA

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21047

Project Number: CIPST21047

Description

Project to reconstruct street segment between 51st Avenue from Olive Avenue to Peoria 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction			$2,863,111				**$2,863,111**
CONTGNCY	4010-Streets Construction			$111,799				**$111,799**
INTRNL CHG	4010-Streets Construction			$113,047				**$113,047**
PUBLIC ART	4010-Streets Construction			$28,631				**$28,631**
Grand Total				**$3,116,588**				**$3,116,588**

ST RECON 75TH-GLENDALE TO NORTHERN

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21051

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$0	$3,000,000					**$3,000,000**
CONTGNCY	4010-Streets Construction	$0	$112,720					**$112,720**
DESIGN	4010-Streets Construction	$200,000	$100,000					**$300,000**
INTRNL CHG	4010-Streets Construction	$0	$125,358					**$125,358**
PUBLIC ART	4010-Streets Construction	$0	$30,000					**$30,000**
Grand Total		**$200,000**	**$3,368,078**					$3,568,078

ST RECON 83RD-GLENDALE TO NORTHERN

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST21052

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction	$0			$3,000,000			**$3,000,000**
CONTGNCY	4010-Streets Construction	$0			$112,720			**$112,720**
DESIGN	4010-Streets Construction	$200,000			$100,000			**$300,000**
INTRNL CHG	4010-Streets Construction	$0			$125,358			**$125,358**
PUBLIC ART	4010-Streets Construction	$0			$30,000			**$30,000**
Grand Total		**$200,000**			**$3,368,078**			**$3,568,078**

ST RECON 59TH-UNION HILLS-BEARDSLEY

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22039

Project Number: CIPST22039

Description

Project to reconstruct 59th Avenue from Union Hills Drive to Beardsley Road and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction				$2,502,733			**$2,502,733**
CONTGNCY	4010-Streets Construction				$107,720			**$107,720**
INTRNL CHG	4010-Streets Construction				$101,564			**$101,564**
PUBLIC ART	4010-Streets Construction				$25,027			**$25,027**
Grand Total					**$2,737,044**			**$2,737,044**

ST RECON GREENWAY - 59TH TO 51ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22042

Project Number: CIPST22042

Description

Project to reconstruct Greenway Road from 51st Avenue to 59th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction		$0		$2,608,111			**$2,608,111**
CONTGNCY	4010-Streets Construction		$0		$93,420			**$93,420**
DESIGN	4010-Streets Construction		$60,000		$0			**$60,000**
INTRNL CHG	4010-Streets Construction		$2,280		$99,108			**$101,388**
PUBLIC ART	4010-Streets Construction		$0		$26,081			**$26,081**
Grand Total			**$62,280**		**$2,826,720**			**$2,889,000**

ST RECON 67TH - GREENWAY TO BELL

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22043

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 Arterial Reconstruction Program and Pavement Condition Inventory to be reconstructed due to poor pavement conditions.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction		$3,338,140					**$3,338,140**
INTRNL CHG	4010-Streets Construction		$131,860					**$131,860**
PUBLIC ART	4010-Streets Construction		$33,381					**$33,381**
Grand Total			**$3,503,381**					**$3,503,381**

ST RECON 67TH DEER VLY-PINNACLE PK

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22044

Project Number: CIPST22044

Description

Project to reconstruct 67th Avenue from Deer Valley Road to Pinnacle Peak Road and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction				$0	$3,441,439		**$3,441,439**
DESIGN	4010-Streets Construction				$96,339	$0		**$96,339**
INTRNL CHG	4010-Streets Construction				$3,661	$128,547		**$132,208**
PUBLIC ART	4010-Streets Construction				$0	$34,414		**$34,414**
Grand Total					**$100,000**	**$3,604,400**		**$3,704,400**

ST RECON 59TH GLENDALE TO NORTHERN

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22045

Project Number: CIPST22045

Description

Project to reconstruct 59th Avenue from Glendale Avenue to Northern Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction				$0	$3,441,439		**$3,441,439**
DESIGN	4010-Streets Construction				$96,339	$0		**$96,339**
INTRNL CHG	4010-Streets Construction				$3,661	$128,547		**$132,208**
PUBLIC ART	4010-Streets Construction				$0	$34,414		**$34,414**
Grand Total					**$100,000**	**$3,604,400**		**$3,704,400**

ST RECON 83RD - GLENDALE TO BHR

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22046

Project Number: CIPST22046

Description

Project to reconstruct 83rd Avenue from Glendale Avenue to Bethany Home Road and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction				$0	$3,246,280		**$3,246,280**
DESIGN	4010-Streets Construction				$96,339	$0		**$96,339**
INTRNL CHG	4010-Streets Construction				$3,661	$121,257		**$124,918**
PUBLIC ART	4010-Streets Construction				$0	$32,463		**$32,463**
Grand Total					**$100,000**	**$3,400,000**		**$3,500,000**

ST RECON GLENDALE - 43RD TO 51ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22047

Project Number: CIPST22047

Description

Project to reconstruct Glendale Avenue from 43rd Avenue to 51st Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction					$0	$3,246,280	**$3,246,280**
DESIGN	4010-Streets Construction					$96,339	$0	**$96,339**
INTRNL CHG	4010-Streets Construction					$3,661	$121,257	**$124,918**
PUBLIC ART	4010-Streets Construction					$0	$32,463	**$32,463**
Grand Total						**$100,000**	**$3,400,000**	**$3,500,000**

ST RECON GLENDALE - 67TH TO 75TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22048

Project Number: CIPST22048

Description

Project to reconstruct Glendale Avenue from 67th Avenue to 75th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction					$0	$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction					$96,339	$0	**$96,339**
INTRNL CHG	4010-Streets Construction					$3,661	$124,824	**$128,485**
PUBLIC ART	4010-Streets Construction					$0	$33,418	**$33,418**
Grand Total						**$100,000**	**$3,400,000**	**$3,500,000**

ST RECON BETHANY HM - 59TH TO 67TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22049

Project Number: CIPST22049

Description

Project to reconstruct Bethany Home Road from 59th Avenue to 67th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction					$0	$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction					$96,339	$0	**$96,339**
INTRNL CHG	4010-Streets Construction					$3,661	$124,824	**$128,485**
PUBLIC ART	4010-Streets Construction					$0	$33,418	**$33,418**
Grand Total						**$100,000**	**$3,400,000**	**$3,500,000**

ST RECON BETHANY HM - 67TH TO 75TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22050

Project Number: CIPST22050

Description

Project to reconstruct Bethany Home Road from 67th Avenue to 75th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON CAMELBACK - 59TH TO 67TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22051

Project Number: CIPST22051

Description

Project to reconstruct Camelback Road from 59th Ave-67th Ave and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON CAMELBACK - 67TH TO 75TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22052

Project Number: CIPST22052

Description

Project to reconstruct Camelback Road from 67th Avenue to 75th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON CAMELBACK - 75TH TO 83RD

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22053

Project Number: CIPST22053

Description

Project to reconstruct Camelback Road from 75th to 83rd Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON 67TH - PEORIA TO OLIVE

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22054

Project Number: CIPST22054

Description

Project to reconstruct 67th Avenue from Peoria Avenue to Olive Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON 67TH - DEER VLLY TO BRDSLY

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22055

Project Number: CIPST22055

Description

Project to reconstruct 67th Avenue from Deer Valley Road to Beardsley Road and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON 75TH-DEER VLLY TO BEARDSLY

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22056

Project Number: CIPST22056

Description

Project to reconstruct 75th Avenue from Deer Valley Road to Beardsley Road and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON 59TH - OLIVE TO NORTHERN

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22057

Project Number: CIPST22057

Description

Project to reconstruct 59th Avenue from Olive Avenue to Northern Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON NORTHERN – 43RD TO 51ST

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22058

Project Number: CIPST22058

Description

Project to reconstruct Northern Ave from 43rd Avenue to 51st Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON 59TH - T-BIRD TO CACTUS

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22059

Project Number: CIPST22059

Description

Project to reconstruct 59th Avenue from Thunderbird to Cactus and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON BELL RD - 59TH TO 67TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22060

Project Number: CIPST22060

Description

Project to reconstruct Bell Road from 59h Avenue to 67th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

ST RECON NORTHERN - 51ST TO 59TH

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22061

Project Number: CIPST22061

Description

Project to reconstruct Northern Avenue from 51st Avenue to 59th Avenue and related improvements.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction						$3,241,758	**$3,241,758**
DESIGN	4010-Streets Construction						$100,000	**$100,000**
INTRNL CHG	4010-Streets Construction						$124,824	**$124,824**
PUBLIC ART	4010-Streets Construction						$33,418	**$33,418**
Grand Total							**$3,500,000**	**$3,500,000**

PAVEMENT CUT REPAIR

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22062

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4020-Hurf Capital Projects	$95,248	$95,248	$95,248	$95,248	$95,248	$476,240	**$952,480**
INTRNL CHG	4020-Hurf Capital Projects	$3,762	$3,762	$3,762	$3,762	$3,762	$18,810	**$37,620**
PUBLIC ART	4020-Hurf Capital Projects	$990	$990	$990	$990	$990	$4,950	**$9,900**
Grand Total		**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$500,000**	**$1,000,000**

PEDESTRIAN LED CONVERSION

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22063

Project Number: CIPST22063

Description

Convert 830 downtown pedestrian lights to LED luminaires that comply with the city's dark skies ordinance.

Justification

This project promotes or enhances the quality of life for residents and visitors in the downtown area by providing improved and energy efficient lighting.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4020-Hurf Capital Projects	$1,980,000						$1,980,000
PUBLIC ART	4020-Hurf Capital Projects	$20,000						$20,000
Grand Total		**$2,000,000**						**$2,000,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M					($35,000)	($35,000)		($175,000)	**($245,000)**
Grand Total					**($35,000)**	**($35,000)**		**($175,000)**	**($245,000)**

TRANSPORTATION SAFETY PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22064

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 enables safer streets.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4020-Hurf Capital Projects	$336,915	$381,915	$381,915	$381,915	$381,915	$1,909,576	**$3,774,151**
DESIGN	4020-Hurf Capital Projects	$45,000	$0	$0	$0	$0	$0	**$45,000**
INTRNL CHG	4020-Hurf Capital Projects	$14,266	$14,266	$14,266	$14,266	$14,266	$71,328	**$142,658**
PUBLIC ART	4020-Hurf Capital Projects	$3,819	$3,819	$3,819	$3,819	$3,819	$19,096	**$38,191**
Grand Total		**$400,000**	**$400,000**	**$400,000**	**$400,000**	**$400,000**	**$2,000,000**	**$4,000,000**

SCALLOP STREET PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22065

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 enhance traffic flow, provide safety to adjacent pedestrian traffic, mitigate property flooding and meet Glendale’s Design Standards.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4010-Streets Construction			$0	$1,623,140	$1,623,140	$8,115,700	**$11,361,980**
DESIGN	4010-Streets Construction			$200,000	$0	$0	$0	**$200,000**
INTRNL CHG	4010-Streets Construction			$0	$60,629	$60,629	$303,143	**$424,401**
PUBLIC ART	4010-Streets Construction			$0	$16,231	$16,231	$81,157	**$113,619**
Grand Total				**$200,000**	**$1,700,000**	**$1,700,000**	**$8,500,000**	**$12,100,000**

89TH AVE - OCOTILLO TO GLENDALE

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22066

Project Number: CIPST22066

Description

Half-street construction with curb, gutter, sidewalk and streetlights to fill a gap along 89th Avenue north of Ocotillo Road alignment along existing development.

Justification

25' wide half-street with curb, gutter, sidewalk and streetlights for the 750' distance north of Ocotillo Road alignment.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4420-2014-DIF Streets Zn 2 ..	$0	$1,000,000					**$1,000,000**
DESIGN	4420-2014-DIF Streets Zn 2 ..	$200,000	$0					**$200,000**
INTRNL CHG	4420-2014-DIF Streets Zn 2 ..	$11,400	$38,000					**$49,400**
RIGHTOFWAY	4420-2014-DIF Streets Zn 2 ..	$100,000	$0					**$100,000**
Grand Total		**$311,400**	**$1,038,000**					**$1,349,400**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M				$2,100	$2,100	$2,100		$2,100	**$8,400**
Grand Total				**$2,100**	**$2,100**	**$2,100**		**$2,100**	**$8,400**

57TH AND GREENWAY INTERSECT IMPROV.

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22067

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4431-2019-DIF-Streets East	$200,000						**$200,000**
Grand Total		**$200,000**						**$200,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M			$2,100	$2,100	$2,100	$2,100		$10,500	**$18,900**
Grand Total			**$2,100**	**$2,100**	**$2,100**	**$2,100**		**$10,500**	**$18,900**

59TH AND NORTHERN INTERSECT IMPROV.

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST22068

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4431-2019-DIF-Streets East	$0	$800,000					**$800,000**
DESIGN	4431-2019-DIF-Streets East	$150,000	$0					**$150,000**
INTRNL CHG	4431-2019-DIF-Streets East	$5,700	$30,400					**$36,100**
Grand Total		**$155,700**	**$830,400**					**$986,100**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M								$625	**$625**
Grand Total								**$625**	**$625**

ITS UPGRADES

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST65005

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$161,500	$161,500	$161,500	$161,500	$161,500	$807,500	**$1,615,000**
DESIGN	4030-Transportation Capita..	$28,500	$28,500	$28,500	$28,500	$28,500	$142,500	**$285,000**
Grand Total		**$190,000**	**$190,000**	**$190,000**	**$190,000**	**$190,000**	**$950,000**	**$1,900,000**

BUS PULLOUTS

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST65006

Project Number: CIPST65006

Description

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

Justification

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$0	$286,437	$286,437	$286,437	$286,437	$1,432,182	**$2,577,930**
DESIGN	4030-Transportation Capita..	$144,509	$0	$0	$0	$0	$0	**$144,509**
INTRNL CHG	4030-Transportation Capita..	$5,491	$10,699	$10,699	$10,699	$10,699	$53,496	**$101,783**
PUBLIC ART	4030-Transportation Capita..	$0	$2,864	$2,864	$2,864	$2,864	$14,322	**$25,778**
Grand Total		**$150,000**	**$300,000**	**$300,000**	**$300,000**	**$300,000**	**$1,500,000**	**$2,850,000**

NORTHERN PARKWAY

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST65016

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 $32.5 million towards this project.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$670,000	$670,000	$670,000	$670,000	$670,000		**$3,350,000**
Grand Total		**$670,000**	**$670,000**	**$670,000**	**$670,000**	**$670,000**		**$3,350,000**

INFILL LIGHTING PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST68918

Project Number: CIPST68918

Description

This project installs additional street lighting in areas determined to be inadequate due to a spacing of 350 feet or greater. Infill street lighting requests are initiated by residents or staff and require the approval of affected residents.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4020-Hurf Capital Projects	$143,218	$143,218	$143,218	$143,218	$143,218	$716,091	**$1,432,181**
INTRNL CHG	4020-Hurf Capital Projects	$5,350	$5,350	$5,350	$5,350	$5,350	$26,748	**$53,498**
PUBLIC ART	4020-Hurf Capital Projects	$1,432	$1,432	$1,432	$1,432	$1,432	$7,161	**$14,321**
Grand Total		**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$750,000**	**$1,500,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M			$1,150	$1,150	$1,150	$1,150		$10,350	**$14,950**
Grand Total			**$1,150**	**$1,150**	**$1,150**	**$1,150**		**$10,350**	**$14,950**

STREETLIGHT POLE PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Streets	CIPST68922

Project Number: CIPST68922

Description

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

Justification

This project reduces safety concerns. This program is to mitigate safety hazards and provide better service.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4020-Hurf Capital Projects	$74,257	$74,257	$74,257	$74,257	$74,257	$371,285	**$742,570**
PUBLIC ART	4020-Hurf Capital Projects	$743	$743	$743	$743	$743	$3,715	**$7,430**
Grand Total		**$75,000**	**$75,000**	**$75,000**	**$75,000**	**$75,000**	**$375,000**	**$750,000**

Transit

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPTR22069	BUS STOP ENHANCEMENTS	$100,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	**$1,900,000**
CIPTR65022	TRANSP. PROG. ENGR. CONSULTANT	$270,000	$270,000	$275,000	$275,000	$280,000	$1,420,000	**$2,790,000**
Grand Total		**$370,000**	**$470,000**	**$475,000**	**$475,000**	**$480,000**	**$2,420,000**	**$4,690,000**

Transit

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	**Grand Total**
4030-Transportation Capital Proj	$370,000	$470,000	$475,000	$475,000	$480,000	$2,420,000	**$4,690,000**
Grand Total	**$370,000**	**$470,000**	**$475,000**	**$475,000**	**$480,000**	**$2,420,000**	**$4,690,000**

BUS STOP ENHANCEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Transit	CIPTR22069

Project Number: CIPTR22069

Description

The Glendale Bus Stop Enhancement Project is a multi-year program which will improve the passenger experience at Glendale bus stops throughout the city. This project will also bring current non-ADA compliant stops into compliance.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	4030-Transportation Capita..	$0	$190,957	$190,957	$190,957	$190,957	$954,788	**$1,718,616**
DESIGN	4030-Transportation Capita..	$96,339	$0	$0	$0	$0	$0	**$96,339**
INTRNL CHG	4030-Transportation Capita..	$3,661	$7,133	$7,133	$7,133	$7,133	$35,664	**$67,857**
PUBLIC ART	4030-Transportation Capita..	$0	$1,910	$1,910	$1,910	$1,910	$9,548	**$17,188**
Grand Total		**$100,000**	**$200,000**	**$200,000**	**$200,000**	**$200,000**	**$1,000,000**	**$1,900,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M			$13,680	$27,360	$41,040	$54,720		$136,800	**$273,600**
Grand Total			**$13,680**	**$27,360**	**$41,040**	**$54,720**		**$136,800**	**$273,600**

TRANSP. PROG. ENGR. CONSULTANT

Package Number	Project Type	Project Number
FY22-31CIP	Transit	CIPTR65022

Project Number: CIPTR65022

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
STUDY	4030-Transportation Capita..	$270,000	$270,000	$275,000	$275,000	$280,000	$1,420,000	**$2,790,000**
Grand Total		**$270,000**	**$270,000**	**$275,000**	**$275,000**	**$280,000**	**$1,420,000**	**$2,790,000**

Wastewater

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPWW19086	GLENDALE AVE SEWER LINE	$1,250,000	$0	$0	$0	$3,250,000	$0	**$4,500,000**
CIPWW19087	ARROWHEAD SEWER LINES - PHASE 2	$0	$0	$0	$900,000	$3,800,000	$1,000,000	**$5,700,000**
CIPWW19088	ARROWHEAD SEWER LINES - PHASE 3	$0	$0	$0	$0	$2,650,000	$3,050,000	**$5,700,000**
CIPWW20030	LUKE AFB WASTEWATER CONNECTION	$2,706,000	$0	$0	$0	$0	$0	**$2,706,000**
CIPWW21026	WEST AREA WRF IMPROVEMENTS 2024	$0	$0	$0	$0	$1,800,000	$10,200,000	**$12,000,000**
CIPWW21027	ARROWHEAD WRF IMPROVEMENTS 2023	$0	$0	$0	$2,200,000	$2,000,000	$8,000,000	**$12,200,000**
CIPWW21028	UNDERGROUND STORAGE FACILITY PERMIT	$100,000	$100,000	$0	$0	$0	$0	**$200,000**
CIPWW22076	SEWER LINE - REHAB PROGRAM	$520,000	$2,300,000	$3,350,000	$4,920,000	$1,050,000	$10,490,000	**$22,630,000**
CIPWW22077	LIFT STATION REHAB PROGRAM	$0	$0	$1,100,000	$0	$0	$1,400,000	**$2,500,000**
CIPWW22078	SEWER LINE EXTENSION	$320,000	$160,000	$160,000	$160,000	$160,000	$480,000	**$1,440,000**
CIPWW60016	WEST AREA WRF IMPROVEMENTS 2017	$7,900,000	$10,000,000	$6,105,000	$0	$0	$0	**$24,005,000**
CIPWW63003	99TH AVE INTERCEPTOR LINE	$100,000	$481,000	$71,000	$3,291,000	$0	$1,310,000	**$5,253,000**
CIPWW63006	ARROWHEAD SEWER LINES	$1,392,000	$2,600,000	$0	$0	$0	$0	**$3,992,000**
CIPWW63010	91ST AVENUE WWTP IMPROVEMENTS	$4,090,000	$3,050,000	$3,110,000	$3,410,000	$3,350,000	$15,000,000	**$32,010,000**
CIPWW63016	SEWER LINE REPLACEMENT	$2,470,000	$300,000	$0	$0	$0	$0	**$2,770,000**

Wastewater

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPWW63024	SEWER MANHOLE REHABILITATION	$500,000	$470,000	$480,000	$480,000	$480,000	$2,500,000	**$4,910,000**
CIPWW63030	LIFT STATION REHABILITATION 2019	$2,635,000	$100,000	$0	$0	$0	$0	**$2,735,000**
CIPWW63031	WASTEWATER CAPITAL EQUIPMENT	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000	**$2,500,000**
CIPWW63032	WASTEWATER COLLECTION IMPROVEMENTS	$500,000	$300,000	$300,000	$300,000	$300,000	$0	**$1,700,000**
Grand Total		**$24,733,000**	**$20,111,000**	**$14,926,000**	**$15,911,000**	**$19,090,000**	**$54,680,000**	**$149,451,000**

Wastewater

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	**Grand Total**
6030-Sewer	$24,413,000	$19,951,000	$14,766,000	$15,751,000	$18,930,000	$54,200,000	**$148,011,000**
6101-2019-Sewer DIF East	$320,000	$160,000	$160,000	$160,000	$160,000	$480,000	**$1,440,000**
Grand Total	**$24,733,000**	**$20,111,000**	**$14,926,000**	**$15,911,000**	**$19,090,000**	**$54,680,000**	**$149,451,000**

GLENDALE AVE SEWER LINE

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW19086

Project Number: CIPWW19086

Description

Assess, design and construct new 24" sewer line in Glendale Avenue from 91st to 99th Avenues.

Justification

This project will provide additional sewer line capacity in the area along Glendale Avenue from 91st to 99th Avenue as new development occurs. Current line is 15" diameter.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$1,050,000				$2,705,000		**$3,755,000**
DESIGN	6030-Sewer	$150,000				$400,000		**$550,000**
INTRNL CHG	6030-Sewer	$40,000				$115,000		**$155,000**
PUBLIC ART	6030-Sewer	$10,000				$30,000		**$40,000**
Grand Total		**$1,250,000**				**$3,250,000**		**$4,500,000**

ARROWHEAD SEWER LINES - PHASE 2

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW19087

Project Number: CIPWW19087

Description

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

Justification

The sewer line and manholes that collects 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer				$0	$3,620,000	$950,000	**$4,570,000**
DESIGN	6030-Sewer				$870,000	$0	$0	**$870,000**
INTRNL CHG	6030-Sewer				$30,000	$140,000	$40,000	**$210,000**
PUBLIC ART	6030-Sewer				$0	$40,000	$10,000	**$50,000**
Grand Total					**$900,000**	**$3,800,000**	**$1,000,000**	**$5,700,000**

ARROWHEAD SEWER LINES - PHASE 3

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW19088

Project Number: CIPWW19088

Description

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

Justification

The sewer line and manholes that collects 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer					$1,510,000	$2,950,000	**$4,460,000**
DESIGN	6030-Sewer					$980,000	$0	**$980,000**
INTRNL CHG	6030-Sewer					$120,000	$90,000	**$210,000**
PUBLIC ART	6030-Sewer					$40,000	$10,000	**$50,000**
Grand Total						**$2,650,000**	**$3,050,000**	**$5,700,000**

LUKE AFB WASTEWATER CONNECTION

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW20030

Project Number: CIPWW20030

Description

Design & construct new wastewater line and lift station from Luke AFB to Glendale's treatment system. To coincide with Glendale Ave reconstruct.

Justification

Luke AFB intends to cease their wastewater treatment operations by October 2021. Glendale has the treatment capacity. Capital will be reimbursed by Luke AFB through outside funding or repayment charges over 10 years.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$2,335,000						$2,335,000
DESIGN	6030-Sewer	$85,665						$85,665
EQUIPMENT	6030-Sewer	$150,800						$150,800
INTRNL CHG	6030-Sewer	$101,035						$101,035
PUBLIC ART	6030-Sewer	$33,500						$33,500
Grand Total		**$2,706,000**						$2,706,000

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M		$150,000	$275,000	$275,000	$275,000	$275,000			$1,250,000
Grand Total		**$150,000**	**$275,000**	**$275,000**	**$275,000**	**$275,000**			$1,250,000

WEST AREA WRF IMPROVEMENTS 2024

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW21026

Project Number: CIPWW21026

Description

Study, design and construct phase III improvements to 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 rehab in 2017 project.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer					$1,000,000	$10,200,000	**$11,200,000**
DESIGN	6030-Sewer					$800,000	$0	**$800,000**
Grand Total						**$1,800,000**	**$10,200,000**	**$12,000,000**

ARROWHEAD WRF IMPROVEMENTS 2023

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW21027

Project Number: CIPWW21027

Description

Design and construct 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 rehab in 2017 project.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer				$1,600,000	$1,950,000	$8,000,000	**$11,550,000**
DESIGN	6030-Sewer				$500,000	$0	$0	**$500,000**
INTRNL CHG	6030-Sewer				$80,000	$40,000	$0	**$120,000**
PUBLIC ART	6030-Sewer				$20,000	$10,000	$0	**$30,000**
Grand Total					**$2,200,000**	**$2,000,000**	**$8,000,000**	**$12,200,000**

UNDERGROUND STORAGE FACILITY PERMIT

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW21028

Project Number: CIPWW21028

Description

Conduct required analysis to prepare application for Underground Storage Facility (USF) permit issued by the 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6030-Sewer	$100,000	$100,000					**$200,000**
Grand Total		**$100,000**	**$100,000**					**$200,000**

SEWER LINE - REHAB PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW22076

Project Number: CIPWW22076

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$0	$2,000,000	$2,300,000	$4,000,000	$800,000	$9,000,000	**$18,100,000**
DESIGN	6030-Sewer	$500,000	$200,000	$900,000	$700,000	$200,000	$1,000,000	**$3,500,000**
INTRNL CHG	6030-Sewer	$20,000	$80,000	$120,000	$180,000	$40,000	$380,000	**$820,000**
PUBLIC ART	6030-Sewer	$0	$20,000	$30,000	$40,000	$10,000	$110,000	**$210,000**
Grand Total		**$520,000**	**$2,300,000**	**$3,350,000**	**$4,920,000**	**$1,050,000**	**$10,490,000**	**$22,630,000**

LIFT STATION REHAB PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW22077

Project Number: CIPWW22077

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer			$1,050,000			$1,400,000	**$2,450,000**
INTRNL CHG	6030-Sewer			$40,000			$0	**$40,000**
PUBLIC ART	6030-Sewer			$10,000			$0	**$10,000**
Grand Total				**$1,100,000**			**$1,400,000**	**$2,500,000**

SEWER LINE EXTENSION

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW22078

Project Number: CIPWW22078

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6101-2019-Sewer DIF East	$270,000	$160,000	$160,000	$160,000	$160,000	$480,000	**$1,390,000**
DESIGN	6101-2019-Sewer DIF East	$50,000	$0	$0	$0	$0	$0	**$50,000**
Grand Total		**$320,000**	**$160,000**	**$160,000**	**$160,000**	**$160,000**	**$480,000**	**$1,440,000**

WEST AREA WRF IMPROVEMENTS 2017

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW60016

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. An condition assessment will be performed first on the components not rehab in 2017 project.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$6,940,000	$8,100,000	$4,340,000				**$19,380,000**
DESIGN	6030-Sewer	$600,000	$1,500,000	$1,500,000				**$3,600,000**
INTRNL CHG	6030-Sewer	$300,000	$320,000	$225,000				**$845,000**
PUBLIC ART	6030-Sewer	$60,000	$80,000	$40,000				**$180,000**
Grand Total		**$7,900,000**	**$10,000,000**	**$6,105,000**				**$24,005,000**

99TH AVE INTERCEPTOR LINE

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63003

Project Number: CIPWW63003

Description

99th Ave interceptor rehabilitation of manholes and interior lining.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6030-Sewer	$100,000	$481,000	$71,000	$3,291,000		$1,310,000	**$5,253,000**
Grand Total		**$100,000**	**$481,000**	**$71,000**	**$3,291,000**		**$1,310,000**	**$5,253,000**

ARROWHEAD SEWER LINES

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63006

Project Number: CIPWW63006

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$1,220,000	$2,505,000					**$3,725,000**
DESIGN	6030-Sewer	$120,000	$0					**$120,000**
INTRNL CHG	6030-Sewer	$30,000	$80,000					**$110,000**
PUBLIC ART	6030-Sewer	$22,000	$15,000					**$37,000**
Grand Total		**$1,392,000**	**$2,600,000**					**$3,992,000**

91ST AVENUE WWTP IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63010

Project Number: CIPWW63010

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6030-Sewer	$4,090,000	$3,050,000	$3,110,000	$3,410,000	$3,350,000	$15,000,000	**$32,010,000**
Grand Total		**$4,090,000**	**$3,050,000**	**$3,110,000**	**$3,410,000**	**$3,350,000**	**$15,000,000**	**$32,010,000**

SEWER LINE REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63016

Project Number: CIPWW63016

Description

Rehabilitate or replace sewer lines in segments. Design and construct based on condition assessments. Includes construction of ARWRF waste activated sludge (WAS) line by-pass.

Justification

This project will rehabilitate the Waste Activate Sludge (WAS) line from the AWRF.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$2,355,000	$300,000					**$2,655,000**
INTRNL CHG	6030-Sewer	$90,000	$0					**$90,000**
PUBLIC ART	6030-Sewer	$25,000	$0					**$25,000**
Grand Total		**$2,470,000**	**$300,000**					**$2,770,000**

SEWER MANHOLE REHABILITATION

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63024

Project Number: CIPWW63024

Description

Manhole rehabilitation throughout the city. Construction performed in phases.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$470,000	$450,000	$460,000	$460,000	$460,000	$0	**$2,300,000**
INTRNL CHG	6030-Sewer	$25,000	$15,000	$15,000	$15,000	$15,000	$2,500,000	**$2,585,000**
PUBLIC ART	6030-Sewer	$5,000	$5,000	$5,000	$5,000	$5,000	$0	**$25,000**
Grand Total		**$500,000**	**$470,000**	**$480,000**	**$480,000**	**$480,000**	**$2,500,000**	**$4,910,000**

LIFT STATION REHABILITATION 2019

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63030

Project Number: CIPWW63030

Description

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

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6030-Sewer	$2,520,000	$95,000					**$2,615,000**
INTRNL CHG	6030-Sewer	$90,000	$4,000					**$94,000**
PUBLIC ART	6030-Sewer	$25,000	$1,000					**$26,000**
Grand Total		**$2,635,000**	**$100,000**					**$2,735,000**

WASTEWATER CAPITAL EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63031

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6030-Sewer	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000	**$2,500,000**
Grand Total		**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$1,250,000**	**$2,500,000**

WASTEWATER COLLECTION IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Wastewater	CIPWW63032

Project Number: CIPWW63032

Description

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

Justification

As equipment at the wastewater collection system 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6030-Sewer	$500,000	$300,000	$300,000	$300,000	$300,000		**$1,700,000**
Grand Total		**$500,000**	**$300,000**	**$300,000**	**$300,000**	**$300,000**		**$1,700,000**

Water

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPWA19018	WHITE MTN APACHE WATER RIGHTS	$0	$0	$3,500,000	$875,000	$875,000	$1,750,000	**$7,000,000**
CIPWA19020	SCADA REPLACEMENT STUDY	$200,000	$500,000	$800,000	$0	$0	$0	**$1,500,000**
CIPWA19021	STORAGE & RECOVERY WELLS REHAB	$500,000	$400,000	$400,000	$400,000	$400,000	$2,000,000	**$4,100,000**
CIPWA19022	WATER SUPPLY REDUNDANCY	$2,620,000	$2,625,000	$4,582,000	$4,915,000	$3,140,000	$14,130,000	**$32,012,000**
CIPWA21022	OASIS WTP IMPROVEMENT 2021	$830,000	$750,000	$550,000	$3,220,000	$1,100,000	$16,000,000	**$22,450,000**
CIPWA21023	PYRAMID PEAK IMPROVEMENT 2022	$300,000	$2,080,000	$0	$2,080,000	$2,500,000	$16,100,000	**$23,060,000**
CIPWA21024	CHOLLA WTP IMPROVEMENTS 2022	$0	$780,000	$3,280,000	$2,500,000	$4,000,000	$19,600,000	**$30,160,000**
CIPWA21025	WATER LINE REPLACEMENT 2023	$645,000	$2,100,000	$1,050,000	$0	$0	$0	**$3,795,000**
CIPWA21031	ASSURED WATER SUPPLY OBLIGATION	$300,000	$0	$0	$0	$0	$0	**$300,000**
CIPWA21032	ZONE 3 TRANS LINE	$1,057,000	$0	$0	$0	$0	$0	**$1,057,000**
CIPWA22070	WATER VALVE REPLACEMENT - ARTERIAL	$436,000	$908,000	$547,000	$0	$0	$0	**$1,891,000**
CIPWA22071	WATER LINE 59TH AVE GLENN TO NORTHE	$0	$694,000	$1,750,000	$0	$0	$0	**$2,444,000**
CIPWA22072	WATER LINE - CAMELBACK RD FROM 51 T	$0	$0	$0	$0	$0	$5,000,000	**$5,000,000**
CIPWA22074	DATA MANAGEMENT	$200,000	$0	$0	$0	$0	$0	**$200,000**
CIPWA22075	BALLPARK BOULEVARD WATER LINE LOOP	$0	$500,000	$0	$0	$0	$0	**$500,000**

Water

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPWA22079	WATER LINE BETHANY HOME 43RD TO 51S	$470,000	$2,685,000	$1,645,000	$0	$0	$0	**$4,800,000**
CIPWA60015	ASSET MANGEMENT PROGRAM	$100,000	$0	$0	$0	$0	$0	**$100,000**
CIPWA60017	INTEGRATED WATER MASTER PLAN	$300,000	$0	$0	$0	$0	$0	**$300,000**
CIPWA60018	LABORATORY EQUIPMENT	$200,000	$180,000	$100,000	$0	$0	$0	**$480,000**
CIPWA60019	VEHICLE REPLACEMENT	$800,000	$750,000	$750,000	$1,000,000	$1,000,000	$4,000,000	**$8,300,000**
CIPWA61001	LARGE WATER VALVES	$798,000	$798,000	$798,000	$798,000	$798,000	$4,088,000	**$8,078,000**
CIPWA61013	WATER LINE REPLACEMENT 2014	$400,000	$2,096,000	$2,096,000	$2,096,000	$2,096,000	$10,480,000	**$19,264,000**
CIPWA61023	WATER SYSTEM SECURITY	$150,000	$150,000	$150,000	$150,000	$150,000	$350,000	**$1,100,000**
CIPWA61024	CHOLLA WTP IMPROVEMENTS 2014	$4,600,000	$0	$0	$0	$0	$0	**$4,600,000**
CIPWA61043	PYRAMID PEAK IMPROVEMENTS 2017	$8,000,000	$0	$0	$0	$0	$0	**$8,000,000**
CIPWA61045	T-BIRD RESERVOIR IMPROV & REHAB	$0	$300,000	$775,000	$1,700,000	$0	$0	**$2,775,000**
CIPWA61047	METER VAULT REPLACEMENT	$978,000	$736,000	$736,000	$736,000	$313,000	$0	**$3,499,000**
CIPWA61048	GROUNDWATER WELL REHABILITATION	$1,150,000	$1,370,000	$1,270,000	$500,000	$500,000	$4,000,000	**$8,790,000**
CIPWA61049	ZONE 2&3 DISTRIBUTION IMPROVEMENTS	$210,000	$1,260,000	$1,050,000	$0	$0	$0	**$2,520,000**
CIPWA61051	ACCRUAL OF LT WTR STORAGE CREDITS	$300,000	$300,000	$500,000	$0	$0	$0	**$1,100,000**

Water

Summary by Project

Project Number	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CIPWA61054	DISTRIBUTION SYSTEM IMPROVEMENTS	$600,000	$500,000	$500,000	$500,000	$500,000	$0	**$2,600,000**
CIPWA61055	OASIS WTP IMPROVEMENTS	$263,000	$0	$0	$0	$0	$0	**$263,000**
CIPWA61058	PYRAMID PEAK WTP 15MGD EXP.	$16,864,000	$0	$0	$0	$0	$0	**$16,864,000**
CIPWA61061	WATER CAPITAL EQUIPMENT	$500,000	$500,000	$500,000	$500,000	$500,000	$0	**$2,500,000**
CIPWA61062	TRANSMISSION LINE & VALVE ASSESSMNT	$325,000	$0	$0	$0	$0	$0	**$325,000**
Grand Total		**$44,096,000**	**$22,962,000**	**$27,329,000**	**$21,970,000**	**$17,872,000**	**$97,498,000**	**$231,727,000**

Water

Summary by Funding Source

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
6020-Water	$44,096,000	$22,962,000	$23,829,000	$21,970,000	$17,872,000	$97,498,000	**$228,227,000**
6071-2019-Water DIF East	$0	$0	$3,500,000	$0	$0	$0	**$3,500,000**
Grand Total	**$44,096,000**	**$22,962,000**	**$27,329,000**	**$21,970,000**	**$17,872,000**	**$97,498,000**	**$231,727,000**

WHITE MTN APACHE WATER RIGHTS

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA19018

Project Number: CIPWA19018

Description

100-year lease of water rights pursuant to the White Mountain Apache Tribe settlement for 2,363 acre feet annually. The settlement agreement is in the negotiation/approval process. Payment to follow in future years.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6020-Water			$0	$875,000	$875,000	$1,750,000	**$3,500,000**
	6071-2019-Water DIF East			$3,500,000	$0	$0	$0	**$3,500,000**
Grand Total				**$3,500,000**	**$875,000**	**$875,000**	**$1,750,000**	**$7,000,000**

SCADA REPLACEMENT STUDY

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA19020

Project Number: CIPWA19020

Description

Study alternative information and communication systems to develop a plan to upgrade equipment of the Supervisory Control and Data Acquisition (SCADA) system to new technologies. New project will be added for equipment based on recommendations.

Justification

SCADA controls the 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
DESIGN	6020-Water	$0	$500,000	$800,000				**$1,300,000**
STUDY	6020-Water	$200,000	$0	$0				**$200,000**
Grand Total		**$200,000**	**$500,000**	**$800,000**				**$1,500,000**

STORAGE & RECOVERY WELLS REHAB

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA19021

Project Number: CIPWA19021

Description

Rehabilitate four (4) Aquifer Storage and Recovery wells (two at the Arrowhead WRF & two at Oasis Lake) and eight (8) vadose zone recharge wells (six at the AWRF and two at Oasis Lake) on a 10-year cycle.

Justification

Based on evaluation, need to rehabilitate one well every year to maintain the system's resiliency. These recharge wells need to recharge effluent to various groundwater levels to maximize groundwater storage credits.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$480,000	$385,000	$385,000	$385,000	$385,000	$1,930,000	**$3,950,000**
INTRNL CHG	6020-Water	$20,000	$15,000	$15,000	$15,000	$15,000	$70,000	**$150,000**
Grand Total		**$500,000**	**$400,000**	**$400,000**	**$400,000**	**$400,000**	**$2,000,000**	**$4,100,000**

WATER SUPPLY REDUNDANCY

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA19022

Project Number: CIPWA19022

Description

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

Justification

Water supply redundancy from multiple sources at times of restricted supply is critical to providing an on-demand response to all customers. Groundwater wells can provide water during water supplier restrictions or during drought management, plant shut-down, or transmission failure.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$2,000,000	$2,300,000	$3,900,000	$4,300,000	$2,800,000	$11,500,000	**$26,800,000**
DESIGN	6020-Water	$500,000	$200,000	$500,000	$400,000	$200,000	$2,000,000	**$3,800,000**
INTRNL CHG	6020-Water	$100,000	$100,000	$145,000	$170,000	$110,000	$500,000	**$1,125,000**
PUBLIC ART	6020-Water	$20,000	$25,000	$37,000	$45,000	$30,000	$130,000	**$287,000**
Grand Total		**$2,620,000**	**$2,625,000**	**$4,582,000**	**$4,915,000**	**$3,140,000**	**$14,130,000**	**$32,012,000**

OASIS WTP IMPROVEMENT 2021

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21022

Project Number: CIPWA21022

Description

Evaluate, design, and construct improvements brine ponds, chlorine generator, IX plant conveyance, 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$792,000	$0	$0	$2,475,000	$925,000	$16,000,000	**$20,192,000**
DESIGN	6020-Water	$0	$750,000	$500,000	$500,000	$0	$0	**$1,750,000**
INTRNL CHG	6020-Water	$30,000	$0	$50,000	$150,000	$100,000	$0	**$330,000**
PUBLIC ART	6020-Water	$8,000	$0	$0	$95,000	$75,000	$0	**$178,000**
Grand Total		**$830,000**	**$750,000**	**$550,000**	**$3,220,000**	**$1,100,000**	**$16,000,000**	**$22,450,000**

PYRAMID PEAK IMPROVEMENT 2022

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21023

Project Number: CIPWA21023

Description

Study, design, and construct process improvements. To include the processes: gate valves, sedimentary basins, lagoon pumps, chlorine generator, and other systems.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$0	$2,000,000		$2,000,000	$2,000,000	$15,100,000	**$21,100,000**
DESIGN	6020-Water	$290,000	$0		$0	$500,000	$1,000,000	**$1,790,000**
INTRNL CHG	6020-Water	$10,000	$80,000		$80,000	$0	$0	**$170,000**
Grand Total		**$300,000**	**$2,080,000**		**$2,080,000**	**$2,500,000**	**$16,100,000**	**$23,060,000**

CHOLLA WTP IMPROVEMENTS 2022

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21024

Project Number: CIPWA21024

Description

Study, design, and construct process improvements. To include the processes: backwash pumps, centrifuge & solid handling, filters & floc drives, chlorine generator, and other systems.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water		$0	$2,950,000	$1,580,000	$4,000,000	$17,600,000	**$26,130,000**
DESIGN	6020-Water		$750,000	$100,000	$650,000	$0	$2,000,000	**$3,500,000**
INTRNL CHG	6020-Water		$30,000	$180,000	$230,000	$0	$0	**$440,000**
PUBLIC ART	6020-Water		$0	$50,000	$40,000	$0	$0	**$90,000**
Grand Total			**$780,000**	**$3,280,000**	**$2,500,000**	**$4,000,000**	**$19,600,000**	**$30,160,000**

WATER LINE REPLACEMENT 2023

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21025

Project Number: CIPWA21025

Description

Design and construct waterline replacement. Work is performed in phases based on condition assessments. Includes line replacement in Camelback Rd, & Bethany Home Rd in conjunction with street replacement and future segment replacements.

Justification

The average age of the water distribution system is over 35 years old. Rehabilitation or replacement is perform based on evaluation of the condition of the line segment to reduce risk of failure.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$500,000	$2,000,000	$1,000,000				**$3,500,000**
DESIGN	6020-Water	$120,000	$0	$0				**$120,000**
INTRNL CHG	6020-Water	$20,000	$80,000	$40,000				**$140,000**
PUBLIC ART	6020-Water	$5,000	$20,000	$10,000				**$35,000**
Grand Total		**$645,000**	**$2,100,000**	**$1,050,000**				**$3,795,000**

ASSURED WATER SUPPLY OBLIGATION

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21031

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6020-Water	$300,000						**$300,000**
Grand Total		**$300,000**						**$300,000**

ZONE 3 TRANS LINE

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA21032

Project Number: CIPWA21032

Description

Design and construct 48" transmission main from Pyramid Peak Water Treatment Plant to zone 2/3 split. Work performed in three phases.

Justification

Add parallel transmission main for added capacity and redundancy to existing main from Pyramid Peak WTP to the zone 2/3 split.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$700,000						**$700,000**
EQUIPMENT	6020-Water	$300,000						**$300,000**
INTRNL CHG	6020-Water	$50,000						**$50,000**
PUBLIC ART	6020-Water	$7,000						**$7,000**
Grand Total		**$1,057,000**						**$1,057,000**

WATER VALVE REPLACEMENT - ARTERIAL

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22070

Project Number: CIPWA22070

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$418,000	$847,000	$535,000				**$1,800,000**
INTRNL CHG	6020-Water	$14,000	$49,000	$10,000				**$73,000**
PUBLIC ART	6020-Water	$4,000	$12,000	$2,000				**$18,000**
Grand Total		**$436,000**	**$908,000**	**$547,000**				$1,891,000

WATER LINE 59TH AVE GLENN TO NORTHE

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22071

Project Number: CIPWA22071

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water		$420,000	$1,670,000				**$2,090,000**
DESIGN	6020-Water		$250,000	$0				**$250,000**
INTRNL CHG	6020-Water		$20,000	$60,000				**$80,000**
PUBLIC ART	6020-Water		$4,000	$20,000				**$24,000**
Grand Total			**$694,000**	**$1,750,000**				**$2,444,000**

WATER LINE - CAMELBACK RD FROM 51 T

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22072

Project Number: CIPWA22072

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water						$4,500,000	**$4,500,000**
DESIGN	6020-Water						$500,000	**$500,000**
Grand Total							**$5,000,000**	**$5,000,000**

DATA MANAGEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22074

Project Number: CIPWA22074

Description

Assess and implement new data management application to manage all department data base apps. Develop dash board 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$175,000						**$175,000**
STUDY	6020-Water	$25,000						**$25,000**
Grand Total		**$200,000**						**$200,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M			$5,000	$5,000	$5,000	$5,000		$25,000	**$45,000**
Grand Total			**$5,000**	**$5,000**	**$5,000**	**$5,000**		**$25,000**	**$45,000**

BALLPARK BOULEVARD WATER LINE LOOP

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22075

Project Number: CIPWA22075

Description

Extend Ballpark Blvd water line loop to Glendale Ave. Water pay for water line from DIF fund 6071.

Justification

Provide funding for oversizing and extension of water line. Funding included in 2019 Infrastructure Improvement Plan (IIP).

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water		$400,000					**$400,000**
DESIGN	6020-Water		$100,000					**$100,000**
Grand Total			**$500,000**					**$500,000**

WATER LINE BETHANY HOME 43RD TO 51S

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA22079

Project Number: CIPWA22079

Description

This project is to replace/renovate the buildings and infrastructure at the city's optimally located operations campus to improve functionality. The campus serves as the primary location for Water Services and Transportation.

Justification

The project is phased over 15+ years. Aging infrastructure, security, and operational efficiency concerns must be addressed in order to continue to provide effective service to the community.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$0	$2,560,000	$1,560,000				**$4,120,000**
DESIGN	6020-Water	$450,000	$0	$0				**$450,000**
INTRNL CHG	6020-Water	$20,000	$100,000	$70,000				**$190,000**
PUBLIC ART	6020-Water	$0	$25,000	$15,000				**$40,000**
Grand Total		**$470,000**	**$2,685,000**	**$1,645,000**				**$4,800,000**

ASSET MANGEMENT PROGRAM

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA60015

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$100,000						$100,000
Grand Total		**$100,000**						**$100,000**

INTEGRATED WATER MASTER PLAN

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA60017

Project Number: CIPWA60017

Description

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

Justification

This project provides needed planning to ensure necessary infrastructure is available, and water resources are available to meet anticipated demands to support future development.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6020-Water	$300,000						$300,000
Grand Total		**$300,000**						**$300,000**

LABORATORY EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA60018

Project Number: CIPWA60018

Description

Upgrade or replace capital laboratory test equipment. Includes water de-ionizer, ICP-MS, IC-ESI-MS/MS, two GC-MS over three years.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$200,000	$180,000	$100,000				**$480,000**
Grand Total		**$200,000**	**$180,000**	**$100,000**				**$480,000**

VEHICLE REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA60019

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
VEHICLE	6020-Water	$800,000	$750,000	$750,000	$1,000,000	$1,000,000	$4,000,000	**$8,300,000**
Grand Total		**$800,000**	**$750,000**	**$750,000**	**$1,000,000**	**$1,000,000**	**$4,000,000**	**$8,300,000**

LARGE WATER VALVES

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61001

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$760,000	$760,000	$760,000	$760,000	$760,000	$3,800,000	**$7,600,000**
INTRNL CHG	6020-Water	$30,000	$30,000	$30,000	$30,000	$30,000	$250,000	**$400,000**
PUBLIC ART	6020-Water	$8,000	$8,000	$8,000	$8,000	$8,000	$38,000	**$78,000**
Grand Total		**$798,000**	**$798,000**	**$798,000**	**$798,000**	**$798,000**	**$4,088,000**	**$8,078,000**

WATER LINE REPLACEMENT 2014

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61013

Project Number: CIPWA61013

Description

Design and construct waterline replacement. Work is performed in phases based on condition assessments. Includes line replacement in Glendale Ave, Camelback Rd, & Bethany Home Rd in conjunction with street replacement.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$0	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$9,000,000	**$17,000,000**
DESIGN	6020-Water	$400,000	$0	$0	$0	$0	$1,000,000	**$1,400,000**
INTRNL CHG	6020-Water	$0	$76,000	$76,000	$76,000	$76,000	$380,000	**$684,000**
PUBLIC ART	6020-Water	$0	$20,000	$20,000	$20,000	$20,000	$100,000	**$180,000**
Grand Total		**$400,000**	**$2,096,000**	**$2,096,000**	**$2,096,000**	**$2,096,000**	**$10,480,000**	**$19,264,000**

WATER SYSTEM SECURITY

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61023

Project Number: CIPWA61023

Description

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

Justification

Replace 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$150,000	$150,000	$150,000	$150,000	$150,000	$350,000	**$1,100,000**
Grand Total		**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$350,000**	**$1,100,000**

CHOLLA WTP IMPROVEMENTS 2014

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61024

Project Number: CIPWA61024

Description

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

Justification

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$3,559,645						**$3,559,645**
DESIGN	6020-Water	$561,366						**$561,366**
EQUIPMENT	6020-Water	$278,989						**$278,989**
INTRNL CHG	6020-Water	$160,000						**$160,000**
PUBLIC ART	6020-Water	$40,000						**$40,000**
Grand Total		**$4,600,000**						**$4,600,000**

PYRAMID PEAK IMPROVEMENTS 2017

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61043

Project Number: CIPWA61043

Description

Study, design, and construct process improvements to the water supply system, wash water system, chemical feed system, electrical system, and HVAC systems. City of Peoria shares in 23% of the costs.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$6,147,582						**$6,147,582**
DESIGN	6020-Water	$1,852,418						**$1,852,418**
Grand Total		**$8,000,000**						**$8,000,000**

T-BIRD RESERVOIR IMPROV & REHAB

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61045

Project Number: CIPWA61045

Description

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

Justification

Thunderbird reservoir 12 million gallon and was installed in 1985. This reservoir plays an important role in meeting peak hourly water demand within the central portion of Glendale. The liner was replaced in 2017. The roof is the next component to be evaluated.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water		$0	$500,000	$1,675,000			**$2,175,000**
DESIGN	6020-Water		$290,000	$200,000	$0			**$490,000**
INTRNL CHG	6020-Water		$10,000	$60,000	$20,000			**$90,000**
PUBLIC ART	6020-Water		$0	$15,000	$5,000			**$20,000**
Grand Total			**$300,000**	**$775,000**	**$1,700,000**			**$2,775,000**

METER VAULT REPLACEMENT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61047

Project Number: CIPWA61047

Description

Replace large in-ground meter vaults. Work will be contracted in phases.

Justification

There are 206 vaults city wide. Over the last four years, more than 75 vaults have been replaced. The ages of meter vaults vary. Many of them are over 25 years old and are in need of repair and upgrades to meet safety and maintenance standards.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$835,000	$600,000	$600,000	$600,000	$300,000		**$2,935,000**
DESIGN	6020-Water	$100,000	$100,000	$100,000	$100,000	$0		**$400,000**
INTRNL CHG	6020-Water	$40,000	$30,000	$30,000	$30,000	$10,000		**$140,000**
PUBLIC ART	6020-Water	$3,000	$6,000	$6,000	$6,000	$3,000		**$24,000**
Grand Total		**$978,000**	**$736,000**	**$736,000**	**$736,000**	**$313,000**		**$3,499,000**

GROUNDWATER WELL REHABILITATION

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61048

Project Number: CIPWA61048

Description

Assess water production and water quality at sixteen groundwater wells. Rehabilitate and replace well components as needed.

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$500,000	$600,000	$1,000,000	$500,000	$500,000	$4,000,000	**$7,100,000**
DESIGN	6020-Water	$50,000	$100,000	$200,000	$0	$0	$0	**$350,000**
EQUIPMENT	6020-Water	$500,000	$600,000	$0	$0	$0	$0	**$1,100,000**
INTRNL CHG	6020-Water	$50,000	$50,000	$50,000	$0	$0	$0	**$150,000**
PUBLIC ART	6020-Water	$50,000	$20,000	$20,000	$0	$0	$0	**$90,000**
Grand Total		**$1,150,000**	**$1,370,000**	**$1,270,000**	**$500,000**	**$500,000**	**$4,000,000**	**$8,790,000**

ZONE 2&3 DISTRIBUTION IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61049

Project Number: CIPWA61049

Description

Make operating improvements between Zone 2 and Zone 3 water distribution system to increase service resiliency. Includes improvements to Hillcrest Ranch booster station (HRBS).

Justification

This booster station was constructed in 1992 and is being upgraded to provide emergency water supply to northern portion of Glendale if there is an event of reduced production. Project adds redundancy to the system.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$200,000	$1,200,000	$1,000,000				**$2,400,000**
INTRNL CHG	6020-Water	$10,000	$50,000	$40,000				**$100,000**
PUBLIC ART	6020-Water	$0	$10,000	$10,000				**$20,000**
Grand Total		**$210,000**	**$1,260,000**	**$1,050,000**				**$2,520,000**

ACCRUAL OF LT WTR STORAGE CREDITS

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61051

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
NONCAPITAL	6020-Water	$300,000	$300,000	$500,000				$1,100,000
Grand Total		**$300,000**	**$300,000**	**$500,000**				**$1,100,000**

DISTRIBUTION SYSTEM IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61054

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$575,000	$480,000	$480,000	$480,000	$480,000		**$2,495,000**
INTRNL CHG	6020-Water	$20,000	$18,000	$18,000	$18,000	$18,000		**$92,000**
PUBLIC ART	6020-Water	$5,000	$2,000	$2,000	$2,000	$2,000		**$13,000**
Grand Total		**$600,000**	**$500,000**	**$500,000**	**$500,000**	**$500,000**		$2,600,000

OASIS WTP IMPROVEMENTS

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61055

Project Number: CIPWA61055

Description

Evaluate, design, and construct improvements to 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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$250,000						$250,000
INTRNL CHG	6020-Water	$10,000						$10,000
PUBLIC ART	6020-Water	$3,000						$3,000
Grand Total		**$263,000**						$263,000

PYRAMID PEAK WTP 15MGD EXP.

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61058

Project Number: CIPWA61058

Description

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

Justification

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

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
CONSTRUCT	6020-Water	$14,275,444						**$14,275,444**
DESIGN	6020-Water	$2,438,556						**$2,438,556**
INTRNL CHG	6020-Water	$150,000						**$150,000**
Grand Total		**$16,864,000**						**$16,864,000**

Operating Costs

Category	O&M Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026-2030	FY 2027-2031	Grand Total
CIP O&M		$162,000	$420,200	$513,700	$599,900	$690,500			**$2,386,300**
Grand Total		**$162,000**	**$420,200**	**$513,700**	**$599,900**	**$690,500**			**$2,386,300**

WATER CAPITAL EQUIPMENT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61061

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
EQUIPMENT	6020-Water	$500,000	$500,000	$500,000	$500,000	$500,000		**$2,500,000**
Grand Total		**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$500,000**		**$2,500,000**

TRANSMISSION LINE & VALVE ASSESSMNT

Package Number	Project Type	Project Number
FY22-31CIP	Water	CIPWA61062

Project Number: CIPWA61062

Description

Assess condition of water transmission line and valves. Assessment includes 48″ to 108″ diameter line.

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.

Capital Costs

Category	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031	Grand Total
DESIGN	6020-Water	$305,000						**$305,000**
INTRNL CHG	6020-Water	$20,000						**$20,000**
Grand Total		**$325,000**						**$325,000**