



2020 – 2024 Capital Improvement Program

Project Summary by Fund

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Cemetery

Cemetery North Expansion (CP0583)

COUNCIL DISTRICT 1

Expand the City cemetery to increase inventory. The planned expansion will be completed in 2 phases.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Cemetery	\$965,438	\$700,000	-	-	-	-	-	\$1,665,438
Sum:		\$965,438	\$700,000	-	-	-	-	-	\$1,665,438

City Facilities

AZ Labs Improvements (CP0863)

COUNCIL DISTRICT 6

Replace generator, replace sanitary drain lines, and also create a storm drainage master plan at AZ Labs building.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Economic Investment Fund	\$53,752	\$367,500	\$456,648	\$54,938	\$281,253	-	-	\$1,214,091
Sum:		\$53,752	\$367,500	\$456,648	\$54,938	\$281,253	-	-	\$1,214,091

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Communications

Northeast Mesa Radio Tower Site - Mesa Share (CN0048)

CITYWIDE

Fund Mesa's cost share to construct a public safety radio communication site in the northeast area of Mesa to ensure reliable coverage. Improvements include a tower, equipment shelter, emergency generator, radio and network equipment, and services.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	-	-	-	-	\$450,802	\$773,203	-	\$1,224,005
Sum:		-	-	-	-	\$450,802	\$773,203	-	\$1,224,005

Public Safety Communication Fiber - Phase II (CP0696)

CITYWIDE

Install fiber-optic cable to supplement the point-to-point wireless network to improve reliability and increase bandwidth.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Public Safety Bond	\$310,968	\$3,000,000	\$2,700,000	\$1,989,032	-	-	-	\$8,000,000
Sum:		\$310,968	\$3,000,000	\$2,700,000	\$1,989,032	-	-	-	\$8,000,000

Radio Network Upgrade - Mesa Share (CN0023)

CITYWIDE

Fund Mesa's cost share to replace the public safety radio system network. The current system is no longer supported by the manufacturer. This upgrade will ensure system reliability for the Topaz network.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$3,550,806	\$325,371	-	-	-	-	-	\$3,876,177
Sum:		\$3,550,806	\$325,371	-	-	-	-	-	\$3,876,177

Southeast Apache Junction Radio Tower Site - Mesa Share (CN0038)

CITYWIDE

Fund Mesa's cost share to construct a public safety radio site in the southeast area of Apache Junction to ensure reliable coverage. Improvements include a tower, equipment shelter, emergency generator, radio/network equipment, and services.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	-	-	-	\$440,279	\$754,568	-	-	\$1,194,847
Sum:		-	-	-	\$440,279	\$754,568	-	-	\$1,194,847

Southeast Queen Creek Radio Tower Site - Mesa Share (CN0054)

CITYWIDE

Fund Mesa's cost share to construct a public safety radio site in the southeast area of Queen Creek to ensure reliable coverage. Improvements include a radio tower, equipment shelter, emergency generator, radio/network equipment, and services.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	-	-	\$430,547	\$736,955	-	-	-	\$1,167,502
Sum:		-	-	\$430,547	\$736,955	-	-	-	\$1,167,502

TOPAZ - System of Systems Networking Expansion CP0905 (City Share) (CN0069)

CITYWIDE

Purchase additional licensing to connect to other Public Safety voice networks.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	-	\$297,360	\$185,850	\$184,831	\$184,428	-	-	\$852,469
Sum:		-	\$297,360	\$185,850	\$184,831	\$184,428	-	-	\$852,469

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Communications

TOPAZ - Upgrade Shaw Butte And Florence Gardens Phase II CP0906 (City Share) (CN0070)

CITYWIDE

Upgrade five of six physical voice channels at Shaw Butte and Florence Gardens to Time Division Multiple Access (TDMA, also known as P25 Phase II) to enable two simultaneous voice transmissions on each physical radio channel.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Capital - General Fund	-	\$215,554	\$215,554	-	-	-	-	\$431,108
Sum:		-	\$215,554	\$215,554	-	-	-	-	\$431,108

TOPAZ - Fire Hazard Zone Communication CP0907 (City Share) (CN0071)

CITYWIDE

Add VHF coverage for the existing TRWC fire partner coverage area in Mesa, Gilbert, Apache Junction, and Queen Creek.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Capital - General Fund	-	\$255,284	\$255,284	\$253,884	\$253,331	\$252,934	\$757,144	\$2,027,861
Sum:		-	\$255,284	\$255,284	\$253,884	\$253,331	\$252,934	\$757,144	\$2,027,861

TOPAZ - Fire Hazard Zone Communication (CP0907)

CITYWIDE

Add VHF coverage for the existing TRWC fire partner coverage area in Mesa, Gilbert, Apache Junction, and Queen Creek.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Topaz Capital Programs	-	\$371,700	\$371,700	\$369,662	\$368,856	\$368,279	\$1,102,421	\$2,952,618
Sum:		-	\$371,700	\$371,700	\$369,662	\$368,856	\$368,279	\$1,102,421	\$2,952,618

TOPAZ Northeast Mesa Radio Tower Site (CP0779)

CITYWIDE

Construct a public safety radio communication site in the far northeast area of Mesa to ensure reliable TOPAZ radio coverage. Improvements include the site, tower, equipment shelter, emergency generator, radio and network equipment, and services.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Topaz Capital Programs	-	-	-	-	\$601,069	\$1,030,936	-	\$1,632,005
Sum:		-	-	-	-	\$601,069	\$1,030,936	-	\$1,632,005

TOPAZ Radio Network Upgrade (CN0022)

CITYWIDE

Upgrade the public safety radio system network. The current system is no longer supported by the manufacturer. The upgrade will ensure system reliability for the TOPAZ public safety network.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Topaz Capital Programs	\$1,301,483	\$433,828	-	-	-	-	-	\$1,735,311
Sum:		\$1,301,483	\$433,828	-	-	-	-	-	\$1,735,311

TOPAZ Southeast Apache Junction Radio Tower Site (CP0754)

CITYWIDE

Construct a public safety radio site in the southeast area of Apache Junction to ensure reliable radio coverage. Improvements include land acquisition, a radio tower, equipment shelter, emergency generator, radio/network equipment, and services.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Topaz Capital Programs	-	-	-	\$587,039	\$1,006,090	-	-	\$1,593,129
Sum:		-	-	-	\$587,039	\$1,006,090	-	-	\$1,593,129

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Communications

TOPAZ Southeast Queen Creek Radio Tower Site (CP0091)

CITYWIDE

Construct a public safety radio site in the southeast area of Queen Creek to ensure reliable radio coverage. Improvements

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Topaz Capital Programs	-	-	\$574,063	\$982,606	-	-	-	\$1,556,669
	Sum:	-	-	\$574,063	\$982,606	-	-	-	\$1,556,669

TOPAZ - System of Systems Networking Expansion (CP0905)

CITYWIDE

Purchase additional licensing to connect to other Public Safety voice networks.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Topaz Capital Programs	-	\$396,480	\$247,800	\$246,442	\$245,905	-	-	\$1,136,627
Sum:		-	\$396,480	\$247,800	\$246,442	\$245,905	-	-	\$1,136,627

TOPAZ - Upgrade Shaw Butte and Florence Gardens - Phase II (CP0906)

CITYWIDE

Upgrade five of six physical voice channels at Shaw Butte and Florence Gardens to Time Division Multiple Access (TDMA, also known as P25 Phase II) to enable two simultaneous voice transmissions on each physical radio channel.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Topaz Capital Programs	-	\$287,406	\$287,406	-	-	-	-	\$574,812
	Sum:	-	\$287,406	\$287,406	-	-	-	-	\$574,812

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Economic Investment

ASU @ City Center (CP0871)

COUNCIL DISTRICT 4

Construct downtown academic facilities.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Economic Investment Fund	\$512,217	\$14,000,000	-	-	-	-	-	\$14,512,217
	Excise Tax Obligation Bond								
	Construction Education	-	\$28,000,000	\$20,977,650	-	-	-	-	\$48,977,650
	Sum:	\$512,217	\$42,000,000	\$20,977,650	-	-	-	-	\$63,489,867

Downtown Project Support (CP0881)

COUNCIL DISTRICT 4

Support completion of downtown capital projects.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$15,464	\$2,100,000	\$1,048,883	-	-	-	-	\$3,164,347
	Sum:	\$15,464	\$2,100,000	\$1,048,883	-	-	-	-	\$3,164,347

Innovation Studios (CP0880)

COUNCIL DISTRICT 4

Construct collaborative space downtown with adaptive reuse of the City's IT Building.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$138,900	\$500,000	-	-	-	-	-	\$638,900
	Sum:	\$138,900	\$500,000	-	-	-	-	-	\$638,900

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Electric

Electric Distribution Overhead (CP0458)

CITYWIDE

Install system enhancements to ensure electric system reliability. Improvements may include replacement of electrical overhead conductors, transformers, distribution poles and devices to increase reliability and reduce operating costs.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Electric Bond	\$2,650,617	\$406,554	-	-	-	-	-	\$3,057,171
Sum:		\$2,650,617	\$406,554	-	-	-	-	-	\$3,057,171

Electric Distribution Underground (CP0459)

CITYWIDE

Provide various system improvements to include underground conductor installation, cable replacement, vault lid replacement and replacement of miscellaneous devices.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Electric Bond	\$895,314	\$537,286	-	-	-	-	-	\$1,432,600
Sum:		\$895,314	\$537,286	\$2,636,609	\$2,696,204	\$2,729,273	\$2,796,676	-	\$12,291,362

Electric Generation (CP0082)

CITYWIDE

Identify power supply resources, including solar power, that can be owned in whole or in part by the City of Mesa. Alternatives are being explored to improve the reliability and/or efficiency of the electric utility service.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Electric Bond	-	\$292,793	-	-	-	-	-	\$292,793
Sum:		-	\$292,793	-	-	-	-	-	\$292,793

Electric Metering (CP0435)

CITYWIDE

Replace electric service meters based on 20-year lifecycle criteria. In addition, replace meters based on known issues, such as potential coils that improperly register energy consumption.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Utility Replacement									
Capital	Extension and Renewal - ELC	\$351,180	\$455,405	\$491,482	\$502,591	\$514,603	\$527,311	\$1,661,633	\$4,504,205
Sum:		\$351,180	\$455,405	\$491,482	\$502,591	\$514,603	\$527,311	\$1,661,633	\$4,504,205

Electric Substation Improvements (CP0461)

CITYWIDE

Construct improvements at electric substations to ensure long-term system reliability. These improvements will meet safety standards and improve security at the facilities.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Electric Bond	\$2,110,792	\$2,921,798	-	-	-	-	-	\$5,032,590
Sum:		\$2,110,792	\$2,921,798	-	-	-	-	-	\$5,032,590

Electric Systems Retirements (CP0591)

CITYWIDE

Replace electric system infrastructure to ensure reliability.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Electric	\$11,192	\$117,117	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,029,959
Sum:		\$11,192	\$117,117	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,029,959

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Electric

New Electric Services (CP0534)

CITYWIDE

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability.

Fund		Estimated Exp				Future Years			Totals
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Electric Bond	\$961,067	\$3,757,850	-	-	-	-	-	\$4,718,917
Sum:		\$961,067	\$3,757,850	-	-	-	-	-	\$9,683,588

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Falcon Field Airport

Acute Angle Taxiways (CP0416)

COUNCIL DISTRICT 5

Construct High-Speed Exits on runway 4L/22R to provide increased safety and operational flexibility.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$85,852	\$117,248	-	-	-	-	-	\$203,100
	Falcon Field Grants	\$11,833	\$1,182,752	-	-	-	-	-	\$1,194,585
Sum:		\$97,685	\$1,300,000	-	-	-	-	-	\$1,397,685

Airport Historic Zone Improvements (C09036)

COUNCIL DISTRICT 5

Construct improvements to the landscaping, streetscaping, public viewing area and airport signage as part of the continuing efforts to enhance the quality and appearance of Falcon Field Airport.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$28,142	-	-	-	-	-	-	\$28,142
	Falcon Field Airport	\$1,283,778	\$472,500	-	-	-	-	-	\$1,756,278
Sum:		\$1,311,920	\$472,500	-	-	-	-	-	\$1,784,420

City Owned Buildings and Property Improvements (CP0763)

COUNCIL DISTRICT 5

Construct needed improvements to City-owned buildings and property at Falcon Field.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$28,062	\$577,500	\$161,170	\$164,813	\$168,752	\$172,919	\$544,894	\$1,818,110
Sum:		\$28,062	\$577,500	\$161,170	\$164,813	\$168,752	\$172,919	\$544,894	\$1,818,110

Delta Taxiway Overlay/Connecting Taxiways (CP0922)

COUNCIL DISTRICT 5

Reconstruct, Structurally Upgrade and Rehabilitate Delta Taxiway and all Connecting Taxiways

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	-	\$138,438	-	-	-	-	\$138,438
	Falcon Field Grants	-	-	\$1,396,512	-	-	-	-	\$1,396,512
Sum:		-	-	\$1,534,950	-	-	-	-	\$1,534,950

East Side Improvements (CP0690)

COUNCIL DISTRICT 5

Construct landscaping, lighting, signage and other features on east side of airport near Higley.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	-	\$449,566	\$1,108,461	-	-	-	\$1,558,027
Sum:		-	-	\$449,566	\$1,108,461	-	-	-	\$1,558,027

Echo Ramp East Overlay (CP0927)

COUNCIL DISTRICT 5

Reconstruct and upgrade Echo Ramp East .

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	-	-	-	-	\$49,510	-	\$49,510
	Falcon Field Grants	-	-	-	-	-	\$499,440	-	\$499,440
Sum:		-	-	-	-	-	\$548,950	-	\$548,950

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Falcon Field Airport

Echo Ramp West Overlay (CP0928)

COUNCIL DISTRICT 5

Reconstruct and upgrade Echo Ramp West.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	-	-	-	-	\$59,412	-	\$59,412
	Falcon Field Grants	-	-	-	-	-	\$599,328	-	\$599,328
Sum:		-	-	-	-	-	\$658,740	-	\$658,740

Echo Taxiway Overlay (CP0923)

COUNCIL DISTRICT 5

Reconstruct and upgrade Echo Taxiway.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	-	-	\$56,627	-	-	-	\$56,627
	Falcon Field Grants	-	-	-	\$571,231	-	-	-	\$571,231
Sum:		-	-	-	\$627,858	-	-	-	\$627,858

Falcon Ramp East and Taxiway Bravo (CP0926)

COUNCIL DISTRICT 5

Reconstruct and upgrade Falcon Ramp East and Taxiway Bravo.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	-	-	-	\$30,613	-	-	\$30,613
	Falcon Field Grants	-	-	-	-	\$183,676	-	-	\$183,676
Sum:		-	-	-	-	\$214,289	-	-	\$214,289

Falcon Ramp Lighting Upgrade Phase II (CP0841)

COUNCIL DISTRICT 5

Upgrade Falcon ramp lighting.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	-	-	-	-	\$47,053	\$260,813	\$307,866
	Falcon Field Grants	-	-	-	-	-	\$282,317	\$2,630,993	\$2,913,310
Sum:		-	-	-	-	-	\$329,370	\$2,891,806	\$3,221,176

Falcon Ramp West Overlay (CP0925)

COUNCIL DISTRICT 5

Reconstruct and upgrade West Falcon Ramp.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	-	-	-	\$106,296	-	-	\$106,296
	Falcon Field Grants	-	-	-	-	\$1,072,288	-	-	\$1,072,288
Sum:		-	-	-	-	\$1,178,584	-	-	\$1,178,584

Higley Ramp East Overlay (CP0921)

COUNCIL DISTRICT 5

Reconstruct and upgrade Higley Ramp East.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Falcon Field Airport	-	\$38,095	-	-	-	-	-	\$38,095
	Falcon Field Grants	-	\$761,905	-	-	-	-	-	\$761,905
Sum:		-	\$800,000	-	-	-	-	-	\$800,000

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Falcon Field Airport

Higley Ramp West Major Reconstruct (CP0918)

COUNCIL DISTRICT 5

Reconstruct and upgrade Higley Ramp West.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	\$90,191	-	-	-	-	-	\$90,191
	Falcon Field Grants	-	\$909,809	-	-	-	-	-	\$909,809
Sum:		-	\$1,000,000	-	-	-	-	-	\$1,000,000

Runway 4L/22R Overlay (CP0924)

COUNCIL DISTRICT 5

Reconstruct and upgrade Runway 4L/22R .

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	-	-	\$104,643	-	-	-	\$104,643
	Falcon Field Grants	-	-	-	\$627,858	-	-	-	\$627,858
Sum:		-	-	-	\$732,501	-	-	-	\$732,501

Runway Protection Zone Improvements (CP0398)

COUNCIL DISTRICT 5

Conduct environmental assesment and remove tree groves in runway 4L/4R protection zones to improve safety.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$19,308	-	\$29,237	\$113,253	-	-	-	\$161,798
	Falcon Field Grants	-	-	\$175,423	\$1,142,463	-	-	-	\$1,317,886
Sum:		\$19,308	-	\$204,660	\$1,255,716	-	-	-	\$1,479,684

Stormwater Drainage Plan Update (C06029)

COUNCIL DISTRICT 5

Update the airport's 1998 Stormwater Drainage Plan. This effort will update the drainage plan to reflect current conditions due to construction and development that has occurred on the airport.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	\$42,857	-	-	-	-	-	\$42,857
	Falcon Field Grants	-	\$257,143	-	-	-	-	-	\$257,143
Sum:		-	\$300,000	-	-	-	-	-	\$300,000

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Fire

Fire Apparatus (CN0055)

CITYWIDE

Purchase replacement Fire Apparatus for units that are due for replacement and currently still in service. These purchases are based off of the Fire Maintenance apparatus replacement schedule that identifies when replacement is necessary.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Public Safety Bond	\$5,500,000	\$5,900,000	\$4,500,000	\$5,270,936	\$3,473,224	-	-	\$24,644,160
	Capital - General Fund	-	\$1,150,000	\$1,285,000	\$1,268,028	\$1,738,093	-	-	\$5,441,121
Sum:		\$5,500,000	\$7,050,000	\$5,785,000	\$6,538,964	\$5,211,317	-	-	\$30,085,281

Fire Station 221: Eastmark (CP0102)

COUNCIL DISTRICT 6

Construct a fire station in the Eastmark development in southeast Mesa. With population growth there is a need for a fire station to respond to the increased call volumes.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Public Safety Bond	-	\$2,500,000	\$2,499,999	-	-	-	-	\$4,999,999
	Restricted Programs Fund	\$11,948	\$4,658,117	-	-	-	-	-	\$4,670,065
O&M	General Fund	-	-	-	\$631,978	\$314,539	\$322,133	\$1,013,841	\$2,282,491
	Public Safety Sales Tax Fire N	-	-	\$1,591,223	\$1,635,791	\$1,675,592	\$1,715,758	\$5,301,838	\$11,920,202
Sum:		\$11,948	\$7,158,117	\$4,091,222	\$2,267,769	\$1,990,131	\$2,037,891	\$6,315,679	\$23,872,757

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Intelligent Transportation System

Central Traffic Signal System (CP0655)

CITYWIDE

Replace central traffic signal system for the City's Traffic Management Center.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	-	-	\$698,402	-	-	-	-	\$698,402
O&M	Local Streets Fund	-	-	-	\$26,161	\$26,786	\$27,448	\$86,491	\$166,886
Sum:		-	-	\$698,402	\$26,161	\$26,786	\$27,448	\$86,491	\$865,288

Traffic Signals - New and Upgrade (CP0586)

CITYWIDE

Install new signals and upgrade existing signals.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Capital - General Fund	\$168,168	-	-	-	-	-	-	\$168,168
	Local Streets Fund	\$1,805,905	\$1,574,496	\$1,611,182	\$1,647,600	\$1,686,978	\$1,728,639	\$5,447,189	\$15,501,989
O&M	Highway User Revenue Fund	-	-	-	-	-	-	-	-
	Local Streets Fund	-	\$27,750	\$28,397	\$29,038	\$29,732	\$30,467	\$96,005	\$241,389
Sum:		\$1,974,073	\$1,602,246	\$1,639,579	\$1,676,638	\$1,716,710	\$1,759,106	\$5,543,194	\$15,911,546

Traffic Signals - Public Safety Opticom (CP0702)

CITYWIDE

Install public safety opticom technology on traffic signals.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	\$89,219	\$100,000	\$102,330	\$104,643	\$107,144	\$109,790	\$345,964	\$959,090
O&M	Local Streets Fund	-	\$20,000	\$20,466	\$20,929	\$21,429	\$21,958	\$69,192	\$173,974
Sum:		\$89,219	\$120,000	\$122,796	\$125,572	\$128,573	\$131,748	\$415,156	\$1,133,064

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Library

Dobson Library Improvements (CP0903)

COUNCIL DISTRICT 3

Construct facade improvements and new programming space.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$500,000	\$1,000,000	-	-	-	-	-	\$1,500,000
O&M	General Fund	-	\$399,536	\$299,469	\$306,564	\$313,895	\$321,399	\$1,011,092	\$2,651,955
Sum:		\$500,000	\$1,399,536	\$299,469	\$306,564	\$313,895	\$321,399	\$1,011,092	\$4,151,955

Main Library Improvements (CP0904)

COUNCIL DISTRICT 4

Construct new programming space.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$500,000	\$1,000,000	-	-	-	-	-	\$1,500,000
O&M	General Fund	-	\$277,000	\$20,466	\$20,928	\$21,429	\$21,958	\$69,193	\$430,974
Sum:		\$500,000	\$1,277,000	\$20,466	\$20,928	\$21,429	\$21,958	\$69,193	\$1,930,974

Southeast Neighborhood Library (CP0429)

COUNCIL DISTRICT 6

Provide library services to the citizens of southeast Mesa.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	-	\$900,000	\$696,161	\$9,923,497	\$5,152,135	-	\$16,671,793
O&M	General Fund	-	-	-	-	-	-	\$9,398,053	\$9,398,053
Sum:		-	-	\$900,000	\$696,161	\$9,923,497	\$5,152,135	\$9,398,053	\$26,069,846

Museum

i.d.e.a. Museum (Phase I) (CP0916)

COUNCIL DISTRICT 4

Expand the kid ArtVille environment and Texturescape play area, relocate offices and update building systems.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$9,501	\$180,000	-	\$397,807	\$2,332,022	\$2,080,670	-	\$5,000,000
O&M	Arts & Culture Fund	-	-	-	-	-	-	\$134,926	\$134,926
Sum:		-	-	-	\$397,807	\$2,332,022	\$2,080,670	\$134,926	\$4,945,425

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Natural Gas Aging Infrastructure

Gas Aging Infrastructure Replacement (CP0483)

CITYWIDE

Replace necessary gas system infrastructure identified during the annual survey.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Gas Bond	\$3,593,863	\$2,195,445	-	-	-	-	-	\$5,789,308
Sum:		\$3,593,863	\$2,195,445	-	-	-	-	-	\$5,789,308

Gas Line Retirements (CP0563)

CITYWIDE

Remove gas mains and services that are no longer needed to support the natural gas system. Inclusion of this project will ensure operational integrity of the natural gas pipeline system and the reliability of a safe energy resource to our customers.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Natural Gas	\$344,569	\$117,117	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,363,336
Sum:		\$344,569	\$117,117	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,363,336

Gas Main Replacements - Magma Service Area (CP0482)

CITYWIDE

Upgrade the existing Magma system to reduce maintenance problems and ensure operational integrity of the natural gas pipeline system.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Gas Bond	\$580	\$645,892	-	-	-	-	-	\$646,472
Sum:		\$580	\$645,892	-	-	-	-	-	\$646,472

Gas Meters: New and Replacement (CP0711)

CITYWIDE

Install gas meters citywide.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Gas Bond	\$1,486,547	\$483,425	-	-	-	-	-	\$1,969,972
Sum:		\$1,486,547	\$483,425	-	-	-	-	-	\$1,969,972

Gas Meters: New and Replacement (CP0496)

CITYWIDE

Install gas meters citywide.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Utility Replacement Extensio	\$992,218	\$483,425	\$496,947	\$506,829	\$532,591	\$560,128	\$1,207,632	\$4,779,770
Sum:		\$992,218	\$483,425	\$496,947	\$506,829	\$532,591	\$560,128	\$1,207,632	\$4,779,770

High Pressure Gas Main Installations (CP0442)

CITYWIDE

Install high pressure gas main to meet anticipated growth of the City.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2014 Gas Bond	\$124,109	\$908,962	-	-	-	-	-	\$1,033,071
Sum:		\$124,109	\$908,962	-	-	-	-	-	\$1,033,071

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Natural Gas Aging Infrastructure

University Drive Utility Line: Alma School to Country Club (CP0220)

CITYWIDE

Construct system improvements along University Drive to ensure operational reliability of the natural gas system.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	-	\$79,032	-	-	-	-	-	\$79,032
Sum:		-	\$79,032	-	-	-	-	-	\$79,032

Utility Line Replacement in Quarter Sections 14A & 14C (C10585)

CITYWIDE

Replace aging main and service lines in plat quarter section 14A and 14C.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	-	\$396,685	-	-	-	-	-	\$396,685
Sum:		-	\$396,685	-	-	-	-	-	\$396,685

Utility Line Replacement Quarter Sections 13C, 21A, & 20D (C10380)

CITYWIDE

Replace aging main and service lines in plat quarter section 13C, 21A and 20D.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	-	\$1,886,996	-	-	-	-	-	\$1,886,996
Sum:		-	\$1,886,996	-	-	-	-	-	\$1,886,996

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Natural Gas Growth

Gantzel Road and Queen Creek Gate Station Gas Line Extension (CP0520)

MAGMA

Install a new gate station in the Magma service area near Queen Creek Rd and Ellsworth to support continuing growth in the area. This will support the northern end of the Magma service area.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	-	\$400,023	-	-	-	-	-	\$400,023
Sum:		-	\$400,023	-	-	-	-	-	\$400,023

Gas - Customer Upgrades (CP0890)

CITYWIDE

Upgrade meters and or services per customer requests.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Natural Gas	\$17,856	\$761,261	\$778,998	\$796,607	\$815,645	\$835,789	\$2,633,689	\$6,639,845
Sum:		\$17,856	\$761,261	\$778,998	\$796,607	\$815,645	\$835,789	\$2,633,689	\$6,639,845

Gas New Mains (CP0481)

CITYWIDE

Extend gas mains and services to new subdivisions.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	\$3,136,987	\$3,383,908	-	-	-	-	-	\$6,520,895
Sum:		\$3,136,987	\$3,383,908	-	-	-	-	-	\$6,520,895

Gas New Services (CP0480)

CITYWIDE

Install gas lines in new subdivision developments throughout the City and Magma Service Area.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	\$3,837,527	\$2,980,022	-	-	-	-	-	\$6,817,549
Sum:		\$3,837,527	\$2,980,022	-	-	-	-	-	\$6,817,549

Higley Regulator Station: McDowell to Thomas (CP0181)

COUNCIL DISTRICT 5

Construct a regulator station and other system improvements to ensure operational reliability and expansion of the natural gas pipeline to customers in northeast Mesa.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	-	\$1,576,835	-	-	-	-	-	\$1,576,835
Sum:		-	\$1,576,835	-	-	-	-	-	\$1,576,835

Regulator Station, Hawes: McKellips Road to Hermosa Vista (CP0075)

COUNCIL DISTRICT 5

Install a high pressure gas main and district regulator station to meet anticipated growth needs of the natural gas system in the East Mesa.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	\$32,661	\$898,642	-	-	-	-	-	\$931,303
Sum:		\$32,661	\$898,642	-	-	-	-	-	\$931,303

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Natural Gas System Reinforcement

District Regulator Station, Skyline and Circle Cross Ranch (C10376)

MAGMA

Install a high pressure gas main and district regulator to meet anticipated growth needs of the natural gas system in the Magma service area.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Gas Bond	\$78,548	\$3,128,368	-	-	-	-	-	\$3,206,916
Sum:		\$78,548	\$3,128,368	-	-	-	-	-	\$3,206,916

McDowell Road; 80th Street to Hawes Road (CP0072)

COUNCIL DISTRICT 5

Construct a tie between two existing intermediate gas mains with new gas main to meet anticipated growth needs of the natural gas system in east Mesa.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$10,951	-	-	-	-	-	-	\$10,951
	2014 Gas Bond	-	-	\$562,075	-	-	-	-	\$562,075
Sum:		\$10,951	-	\$562,075	-	-	-	-	\$573,026

Regulator Station Security (C10388)

CITYWIDE

Install on-site security systems to monitor and deter theft and sabotage of regulator station equipment.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$23,657	-	-	-	-	-	-	\$23,657
	2014 Gas Bond	-	\$86,591	-	-	-	-	-	\$86,591
Sum:		\$23,657	\$86,591	-	-	-	-	-	\$110,248

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Parks & Recreation

Crismon & Elliot Basin (CP0930)

COUNCIL DISTRICT 6

Construct 120 parking spaces to support drop in sports and recreational uses.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	-	-	-	\$198,903	\$793,881	\$1,486,192	-	\$2,478,976
O&M	General Fund	-	-	-	-	-	-	\$825,964	\$825,964
Sum:		-	-	-	\$198,903	\$793,881	\$1,486,192	\$825,964	\$3,304,940

Dog Park - Countryside Park (CP0933)

COUNCIL DISTRICT 2

Construct a new 1.5-acre dog park expansion at the existing Countryside Dog Park

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	-	-	-	\$37,294	\$117,222	\$396,318	-	\$550,834
O&M	General Fund	-	-	-	-	-	-	\$106,118	\$106,118
Sum:		-	-	-	\$37,294	\$117,222	\$396,318	\$106,118	\$656,952

Federal Building Renovation (CP0213)

COUNCIL DISTRICT 1

Renovate the old Federal Building in downtown Mesa to allow for community use.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	\$705,617	-	\$3,000,000	\$1,294,383	-	-	-	\$5,000,000
	2018 Parks Bond	\$202,741	\$1,000,000	\$1,500,000	\$497,259	-	-	-	\$3,200,000
O&M	General Fund	-	-	-	\$290,817	\$212,202	\$217,444	\$685,024	\$1,405,487
Sum:		\$908,358	\$1,000,000	\$4,500,000	\$2,082,459	\$212,202	\$217,444	\$685,024	\$9,605,487

Harris Basin Playground (CP0934)

COUNCIL DISTRICT 1

Install new playground at the existing basin near Harris Drive and McKellips Road

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$35,000	\$265,000	-	-	-	-	-	\$300,000
O&M	General Fund	-	-	\$17,218	\$17,608	\$18,028	\$18,473	\$58,210	\$129,537
Sum:		\$35,000	\$265,000	\$17,218	\$17,608	\$18,028	\$18,473	\$58,210	\$429,537

Marlborough Mesa Park Playground (CP0942)

COUNCIL DISTRICT 3

Update the playground at Marlborough Mesa Park.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	-	-	-	\$19,891	\$178,516	-	-	\$198,407
Sum:		-	-	-	\$19,891	\$178,516	-	-	\$198,407

Monterey Park (CP0914)

COUNCIL DISTRICT 6

Construct 4 lighted youth baseball/softball fields, 3 lighted soccer fields, a playground shade structure, 420 parking spaces and restrooms adjacent to the existing park near Power & Guadalupe.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$1,000,000	\$1,000,000	\$3,000,001	\$4,475,323	\$2,778,579	-	-	\$12,253,903
O&M	General Fund	-	-	-	-	\$914,768	\$467,695	\$1,543,135	\$2,925,598
Sum:		\$1,000,000	\$1,000,000	\$3,000,001	\$4,475,323	\$3,693,347	\$467,695	\$1,543,135	\$15,179,501

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Parks & Recreation

North Center Street (CP0915)

COUNCIL DISTRICT 1

Construct 6 lighted soccer fields along with 360 parking spaces and restrooms.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$3,700,000	\$1,000,000	\$4,400,000	\$4,972,581	-	-	-	\$14,072,581
O&M	General Fund	-	-	-	-	\$469,574	\$396,779	\$1,303,538	\$2,169,891
Sum:		\$3,700,000	\$1,000,000	\$4,400,000	\$4,972,581	\$469,574	\$396,779	\$1,303,538	\$12,542,472

Palo Verde Park Playground (CP0941)

COUNCIL DISTRICT 3

Update the playground at Palo Verde Park.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	-	-	\$34,809	\$312,591	-	-	\$347,400
Sum:		-	-	-	\$34,809	\$312,591	-	-	\$347,400

Plaza @ Mesa City Center (CP0920)

COUNCIL DISTRICT 4

Construct a 2-acre public plaza including a water feature and an ice skating rink.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$180,448	\$5,500,000	\$2,000,000	-	-	-	-	\$7,680,448
O&M	General Fund	-	-	\$490,106	\$204,649	\$217,065	\$301,732	\$951,231	\$2,164,783
Sum:		\$180,448	\$5,500,000	\$2,490,106	\$204,649	\$217,065	\$301,732	\$951,231	\$9,845,231

Red Mountain Park Community Athletic Fields (CP0932)

COUNCIL DISTRICT 5

Construct 9 lighted soccer fields, lighted parking, pond expansion and restrooms adjacent to Red Mountain Park.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	\$100,000	\$500,000	\$11,337,485	\$12,900,547	-	-	\$24,838,032
O&M	General Fund	-	-	-	-	-	\$1,381,559	\$2,792,786	\$4,174,345
Sum:		-	\$100,000	\$500,000	\$11,337,485	\$12,900,547	\$1,381,559	\$2,792,786	\$29,012,377

Red Mountain - Youth Baseball/Softball (CP0931)

COUNCIL DISTRICT 5

Construct 4 lighted youth baseball/softball fields along with parking lot expansion and restroom.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	\$100,000	\$700,000	\$3,182,452	\$3,175,519	-	-	\$7,157,971
O&M	General Fund	-	-	-	-	-	\$724,370	\$1,535,552	\$2,259,922
Sum:		-	\$100,000	\$700,000	\$3,182,452	\$3,175,519	\$724,370	\$1,535,552	\$9,417,893

Signal Butte Park Phase 2 (CP0707)

COUNCIL DISTRICT 6

Construct additional park space on land surrounding the water treatment at Elliot Road and Signal Butte.

		Estimated Exp						Future Years	
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	-	\$500,000	\$2,088,484	\$2,381,640	-	-	\$4,970,124
O&M	General Fund	-	-	-	-	-	\$1,217,312	\$2,371,775	\$3,589,087
Sum:		-	-	\$500,000	\$2,088,484	\$2,381,640	\$1,217,312	\$2,371,775	\$8,559,211

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Police / Public Safety

Northeast Public Safety Facility (CP0913)

COUNCIL DISTRICT 5

Construct a new public safety facility in the northeast section of Mesa.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Public Safety Bond	\$2,505,610	\$3,000,000	\$4,000,000	\$11,238,033	\$16,076,066	-	-	\$36,819,709
O&M	General Fund	-	-	-	-	-	\$1,669,865	\$4,013,197	\$5,683,062
	Public Safety Sales Tax Fire N	-	-	-	-	\$1,590,624	\$1,629,432	\$5,034,348	\$8,254,404
Sum:		\$2,505,610	\$3,000,000	\$4,000,000	\$11,238,033	\$17,666,690	\$3,299,297	\$9,047,545	\$50,757,175

Police Evidence Facility (CP0695)

COUNCIL DISTRICT 4

Construct a new Police evidence facility. This facility, capable of housing the longer term and general evidence storage needs of the Police Department, would be equipped with secure climate controlled and cooler storage.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Public Safety Bond	-	-	-	-	\$496,175	\$2,476,988	\$6,927,803	\$9,900,966
O&M	General Fund	-	-	-	-	-	-	\$1,210,164	\$1,210,164
	Public Safety Sales Tax Police	-	-	-	-	-	-	\$1,010,540	\$1,010,540
Sum:		-	-	-	-	\$496,175	\$2,476,988	\$9,148,507	\$12,121,670

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Shared Use Paths

Eastern Canal Shared-Use Path: Brown to Broadway (CP0673)

COUNCIL DISTRICT 5

Construct shared-use asphalt path to resolve a missing link in the regional non-motorized system.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	-	\$180,000	\$620,000	\$994,516	-	-	-	\$1,794,516
O&M	Environmental Compliance F	-	-	-	-	\$5,357	\$5,490	\$17,299	\$28,146
	Local Streets Fund	-	-	-	-	\$10,715	\$10,979	\$34,596	\$56,290
Sum:		-	\$180,000	\$620,000	\$994,516	\$16,072	\$16,469	\$51,895	\$1,878,952

Lehi Crossing Shared-Use Path (CP0672)

CITYWIDE

Construct a shared-use path that will extend along the SRP canal service road.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$205,000	\$2,000,000	\$2,100,000	\$1,292,872	-	-	-	\$5,597,872
O&M	Environmental Compliance F	-	-	-	\$2,093	\$2,143	\$2,196	\$6,919	\$13,351
	Local Streets Fund	-	-	-	\$4,185	\$4,285	\$4,392	\$13,839	\$26,701
Sum:		\$205,000	\$2,000,000	\$2,100,000	\$1,299,150	\$6,428	\$6,588	\$20,758	\$5,637,924

Mesa Gateway Bike and Pedestrian Path Phase 2 (CP0529)

CITYWIDE

Construct segment 2 of the southeast path from Elliot Road to Hawes Road.

		Estimated Exp						Future Years	Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Grants - Gen. Gov.	-	-	\$2,079,984	-	-	-	-	\$2,079,984
	Local Streets Fund	\$62,710	-	\$2,745,990	-	-	-	-	\$2,808,700
O&M	Environmental Compliance F	-	-	-	\$2,093	\$2,143	\$2,196	\$11,587	\$18,019
	Local Streets Fund	-	-	-	\$4,185	\$4,285	\$4,392	\$23,175	\$36,037
Sum:		\$62,710	-	\$4,825,974	\$6,278	\$6,428	\$6,588	\$34,762	\$4,942,740

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Streets

1st Avenue Improvements (CP0279)

COUNCIL DISTRICT 4

Install landscaping and street improvements in areas along downtown at both 1st Avenue and Hibbert.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2013 Street Bond	\$287,442	-	-	-	-	-	-	\$287,442
	2014 Electric Bond	\$2,928	\$660,001	-	-	-	-	-	\$662,929
	2014 Gas Bond	\$2,436	-	-	-	-	-	-	\$2,436
	2014 Wastewater Bond	\$34	\$19,227	\$193,226	-	-	-	-	\$212,487
	2014 Water Bond	\$6,036	\$116,783	\$991,774	-	-	-	-	\$1,114,593
Sum:		\$298,877	\$796,011	\$1,185,000	-	-	-	-	\$2,279,888

Bridge Safety Rehabilitation (CP0780)

CITYWIDE

Address maintenance items and rehabilitation work needing to be performed on numerous existing bridges through the City as identified during bridge inspections performed by ADOT.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	\$91,447	\$230,414	\$235,783	\$241,112	\$246,875	\$252,972	\$797,150	\$2,095,753
Sum:		\$91,447	\$230,414	\$235,783	\$241,112	\$246,875	\$252,972	\$797,150	\$2,095,753

Economic Development (CP0342)

CITYWIDE

Provide discretionary funding for required street improvements associated with significant economic development projects.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2010 Wastewater Bond	-	\$388,799	\$795,719	-	-	-	-	\$1,184,518
	2014 Water Bond	-	\$713,732	\$1,460,729	-	-	-	-	\$2,174,461
Sum:		-	\$1,102,531	\$2,256,448	-	-	-	-	\$3,358,979

Gilbert Road Bridge (CN0056)

COUNCIL DISTRICT 1

Fund the City's cost share for construction improvements to the Gilbert Road bridge.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	-	\$300,000	-	-	-	-	-	\$300,000
Sum:		-	\$300,000	-	-	-	-	-	\$300,000

MAG Projects Local Match (CP0109)

CITYWIDE

Fund the local match for transportation projects that are eligible for regional funding.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	-	\$416,850	\$426,563	\$436,205	\$446,630	\$457,659	\$1,442,151	\$3,626,058
Sum:		-	\$416,850	\$426,563	\$436,205	\$446,630	\$457,659	\$1,442,151	\$3,626,058

Main Street Tree Revitalization (CP0668)

CITYWIDE

Replace Palo Brea trees along Main Street. Analysis will include public involvement process to select a new tree species.

Fund		Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	Local Streets Fund	\$57,187	\$131,250	-	-	-	-	-	\$188,437
Sum:		\$57,187	\$131,250	-	-	-	-	-	\$188,437

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Streets

Mesa Drive Phase II (C01400)

COUNCIL DISTRICT 4

Construct an additional through lane in all directions as well as fully-protected dual left turn lanes. Construct bus pullouts at all corners connected by detached sidewalks and new street lighting to help mitigate traffic congestion and enhance safety.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Electric Bond	\$231,578	-	-	-	-	-	-	\$231,578
	2010 Gas Bond	\$12,890	-	-	-	-	-	-	\$12,890
	2010 Water Bond	\$70,837	-	-	-	-	-	-	\$70,837
	2013 Street Bond	\$1,980,590	\$6,300,000	-	-	-	-	-	\$8,280,590
	2014 Electric Bond	-	\$4,228,000	-	-	-	-	-	\$4,228,000
	2014 Gas Bond	-	\$521,001	-	-	-	-	-	\$521,001
	2014 Wastewater Bond	\$8,971	-	-	-	-	-	-	\$8,971
	2014 Water Bond	-	\$2,403,031	-	-	-	-	-	\$2,403,031
O&M	Transportation	-	\$7,799,076	-	-	-	-	-	\$7,799,076
	Environmental Compliance F	-	-	\$5,107	\$5,222	\$5,347	\$5,480	\$17,268	\$38,424
	Local Streets Fund	-	-	\$45,237	\$46,259	\$47,364	\$48,535	\$152,941	\$340,336
Sum:		\$2,304,865	\$21,251,108	\$50,344	\$51,481	\$52,711	\$54,015	\$170,209	\$23,934,733

Pedestrian Connection West of Dobson Road (CP0281)

COUNCIL DISTRICT 3

Improve roadway and sidewalks to positively increase the pedestrian experience along the light rail. Also, construct a turnaround for public safety vehicles.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Local Streets Fund	-	\$220,000	-	-	-	-	-	\$220,000
O&M	Local Streets Fund	-	-	\$4,093	\$4,185	\$4,285	\$4,392	\$13,839	\$30,794
Sum:		-	\$220,000	\$4,093	\$4,185	\$4,285	\$4,392	\$13,839	\$250,794

Southern Avenue and Stapley Drive Intersection (CP0800)

COUNCIL DISTRICT 4

Construct dual left turn lanes, and additional through lanes and existing gas and storm sewer infrastructure.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$77,089	\$2,546,305	-	-	-	-	-	\$2,623,394
	2014 Gas Bond	-	\$425,304	-	-	-	-	-	\$425,304
	2014 Water Bond	\$26,296	-	-	-	-	-	-	\$26,296
	Grants - Gen. Gov.	\$3,714	\$11,860,648	-	-	-	-	-	\$11,864,362
	Local Streets Fund	\$634,299	-	-	-	-	-	-	\$634,299
	Transportation	\$150,045	\$2,139,840	-	-	-	-	-	\$2,289,885
O&M	Environmental Compliance F	-	-	\$3,026	\$3,094	\$3,168	\$3,247	\$10,231	\$22,766
	Local Streets Fund	-	-	\$5,333	\$5,454	\$5,584	\$5,722	\$18,032	\$40,125
Sum:		\$891,443	\$16,972,097	\$8,359	\$8,548	\$8,752	\$8,969	\$28,263	\$17,926,431

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Streets

Southern Avenue Improvements: Greenfield to Higley (CP0700)

COUNCIL DISTRICT 2

Improve Southern Avenue from Greenfield to Higley, including required pedestrian ramp upgrades, street light relocation, and right of way acquisitions. These improvements will help mitigate traffic delays and address safety needs.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$633	-	-	-	-	-	-	\$633
	2013 Street Bond	\$580,559	-	-	-	-	-	-	\$580,559
	Transportation	\$15,648	\$3,694,260	-	-	-	-	-	\$3,709,908
O&M	Environmental Compliance F	-	-	\$3,260	\$3,333	\$3,413	\$3,498	\$11,023	\$24,527
	Local Streets Fund	-	-	\$9,705	\$9,925	\$10,162	\$10,413	\$32,815	\$73,020
Sum:		\$596,840	\$3,694,260	\$12,965	\$13,258	\$13,575	\$13,911	\$43,838	\$4,388,647

Streetlight Spot Improvement (CP0294)

CITYWIDE

Install streetlights in various locations citywide. To fulfill requests from residents and the Police Department for additional street lights and new street lights in areas where there are no street lights as funds allow.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2013 Street Bond	\$1,073,845	-	-	-	-	-	-	\$1,073,845
	Local Streets Fund	-	\$352,800	\$361,020	\$369,180	\$378,004	\$387,339	\$397,102	\$2,245,445
Sum:		\$1,073,845	\$352,800	\$361,020	\$369,180	\$378,004	\$387,339	\$397,102	\$3,319,290

Transportation Neighborhood Improvement Projects (CP0532)

CITYWIDE

Install ADA Ramps and missing sidewalks citywide to improve accessibility.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Local Streets Fund	\$425,250	\$433,650	\$443,754	\$453,785	\$464,629	\$476,104	\$1,500,273	\$4,197,445
O&M	Environmental Compliance F	-	\$300	\$307	\$314	\$321	\$329	\$1,038	\$2,609
	Local Streets Fund	-	\$500	\$511	\$523	\$536	\$549	\$1,730	\$4,349
Sum:		\$425,250	\$434,450	\$444,572	\$454,622	\$465,486	\$476,982	\$1,503,041	\$4,204,403

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Wastewater Contractual Obligations

91st Avenue Wastewater Treatment Plant (CN0027)

CITYWIDE

Fund the City of Mesa's portion of operational and facility upgrades to the 91st Avenue Plant. Mesa is a member of the Sub-Regional Operating Group (SROG). Per an Intergovernmental Agreement with SROG, Mesa shares in the cost of improvements.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2006 Wastewater Bond	\$146,367	-	-	-	-	-	-	\$146,367
	2010 Wastewater Bond	\$3,583,819	-	-	-	-	-	-	\$3,583,819
	2014 Wastewater Bond	\$10,259,308	\$8,518,362	\$4,802,518	-	-	-	-	\$23,580,188
Sum:		\$13,989,494	\$8,518,362	\$6,775,226	-	-	-	-	\$27,310,374

Wastewater Main Oversize & Extensions City Share (CN0063)

CITYWIDE

Fund reimbursements to developers for construction of new wastewater extensions and oversized mains to meet the City's need and provide service to new development.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Wastewater Bond	-	\$201,000	-	-	-	-	-	\$201,000
Sum:		-	\$201,000	-	-	-	-	-	\$201,000

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Wastewater Customer Demand - Southeast Mesa

Greenfield Equipment Replacement (CP0898)

CITYWIDE

Replace minor equipment that has reached the end of its useful life at the Greenfield Water Reclamation Plant.

		Estimated Exp						Future Years	
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	-	-	\$837,162	\$1,943,602	\$1,915,350	\$898,192	\$2,830,332	\$8,424,638
Sum:		-	-	\$837,162	\$1,943,602	\$1,915,350	\$898,192	\$2,830,332	\$8,424,638

Greenfield Plant Improvement (CP0897)

CITYWIDE

Modify and/or rehabilitate existing systems, install new or upgraded systems and replace major equipment that has reached its useful life.

		Estimated Exp						Future Years	
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	-	-	-	\$3,150,277	\$4,260,645	\$2,195,976	\$6,919,833	\$16,526,731
Sum:		-	-	-	\$3,150,277	\$4,260,645	\$2,195,976	\$6,919,833	\$16,526,731

Greenfield Water Reclamation Plant Expansion (CP0067)

CITYWIDE

Construct additional treatment capacity to meet the increasing wastewater flows to the Greenfield Water Reclamation Plant.
The towns of Gilbert and Queen Creek are sharing in the cost of the plant expansion.

		Estimated Exp						Future Years	
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	\$124,902,538	\$79,319,838	\$2,992,011	-	-	-	-	\$207,214,387
O&M	Greenfield WRP Joint Ventur	-	\$355,532	\$1,470,144	\$1,503,924	\$1,540,056	\$1,578,156	\$4,973,654	\$11,421,466
Sum:		\$124,902,538	\$79,675,370	\$4,462,155	\$1,503,924	\$1,540,056	\$1,578,156	\$4,973,654	\$218,635,853

Greenfield Water Reclamation Plant Expansion - Mesa Share (CN0015)

CITYWIDE

Construct additional treatment capacity to meet the increasing wastewater flows to the Greenfield Water Reclamation Plant.
The towns of Gilbert and Queen Creek will share in the cost of the plant expansion.

		Estimated Exp						Future Years	
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$74,959,892	\$47,829,862	\$1,804,182	-	-	-	-	\$124,593,936
O&M	Wastewater	-	\$84,000	\$515,743	\$527,401	\$540,006	\$553,342	\$1,743,658	\$3,964,150
Sum:		\$74,959,892	\$47,913,862	\$2,319,925	\$527,401	\$540,006	\$553,342	\$1,743,658	\$128,558,086

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Wastewater Lifecycle

Diversion Structure Rehabilitation (CP0598)

CITYWIDE

Rehabilitate wastewater diversion structures that have deteriorated due to age and corrosion to extend the life and operability of the structures. Work will include repair and recoating of deteriorated concrete and control gates.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	-	\$119,880	-	-	-	-	-	\$119,880
Sum:		-	\$119,880	-	-	-	-	-	\$119,880

Greenfield Water Reclamation Plant Headworks/Solids Upgrade (CP0263)

CITYWIDE

Replace the bus duct systems at both the solids and headworks buildings with conduit and wire systems to eliminate the possibility of future failures due to water intrusion.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	\$129,721	\$600,000	-	-	-	-	-	\$729,721
Sum:		\$129,721	\$600,000	-	-	-	-	-	\$729,721

Greenfield Water Reclamation Plant Headworks/Solids Upgrade - CP0263 Mesa Share (CN0014)

COUNCIL DISTRICT 2

Replace the bus duct systems at both the solids and headworks buildings with conduit and wire systems to eliminate the possibility of future failures due to water intrusion.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$46,055	\$361,800	-	-	-	-	-	\$407,855
Sum:		\$46,055	\$361,800	-	-	-	-	-	\$407,855

Greenfield Water Reclamation Plant Major Plant Improvements

CITYWIDE

Replace and/or modify major equipment or systems to improve plant performance and ensure compliance with regulatory requirements.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	-	-	-	\$2,531,523	\$7,949,656	\$4,387,208	\$13,824,722	\$28,693,109
Sum:		-	-	-	\$2,531,523	\$7,949,656	\$4,387,208	\$13,824,722	\$28,693,109

Greenfield Water Reclamation Plant Miscellaneous Plant

CITYWIDE

Modify and/or rehabilitate existing systems, install new systems, and replace equipment that has reached its useful life at the Greenfield Water Reclamation Plant. This work will improve plant operations and reliability.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Ventur	\$2,862,808	\$400,001	-	-	-	-	-	\$3,262,809
Sum:		\$2,862,808	\$400,001	-	-	-	-	-	\$3,262,809

Greenfield Water Reclamation Plant Miscellaneous Plant Improvements - CP0626 Mesa Share (CN0036)

COUNCIL DISTRICT 2

Modify and/or rehabilitate existing systems, install new systems, and replace equipment that has reached its useful life at the Greenfield Water Reclamation Plant. Improve plant operations and reliability.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$1,146,772	\$167,200	-	-	-	-	-	\$1,313,972
Sum:		\$1,146,772	\$167,200	-	-	-	-	-	\$1,313,972

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Wastewater Lifecycle

Manhole Rehabilitation (CP0600)

CITYWIDE

Rehabilitate manholes that have deteriorated due to the corrosive environment of the wastewater system. Rehabbing the manholes will extend their useful life and prevent structural failures.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$136,089	-	-	-	-	-	-	\$136,089
	Utility Replacement Extensio	\$1,112,897	\$1,486,102	\$1,520,729	\$1,555,102	\$1,592,269	\$1,631,591	\$5,141,378	\$14,040,068
Sum:		\$1,248,986	\$1,486,102	\$1,520,729	\$1,555,102	\$1,592,269	\$1,631,591	\$5,141,378	\$14,176,157

Metering Station Rehabilitation (CP0616)

CITYWIDE

Rehabilitate deteriorated structures and replace equipment that is no longer functional or has reached its useful life to maintain adequate levels of service and bring the facilities into conformance with current design standards and specifications.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	-	\$22,086	-	-	-	-	-	\$22,086
Sum:		-	\$22,086	-	-	-	-	-	\$22,086

Northwest Water Reclamation Plant Aeration System Improvements (C10478)

COUNCIL DISTRICT 1

Modify and upgrade blower control system to allow more accurate air flow to the aeration basins based on process needs and to ensure compliance with permit requirements.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$3,328,343	\$570,729	-	-	-	-	-	\$3,899,072
	2014 Wastewater Bond	\$483,142	-	-	-	-	-	-	\$483,142
Sum:		\$3,811,485	\$570,729	-	-	-	-	-	\$4,382,214

Northwest Water Reclamation Plant Miscellaneous Plant Improvements (CP0628)

COUNCIL DISTRICT 1

Modify and/or rehabilitate existing systems, install new systems, and replace equipment that has reached its useful life at the Northwest Water Reclamation Plant. This work will improve plant operations and reliability.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$3,553	\$343,391	-	-	-	-	-	\$346,944
	2014 Wastewater Bond	\$310,706	-	-	-	-	-	-	\$310,706
Sum:		\$314,259	\$343,391	-	-	-	-	-	\$657,650

Odor Control Station Rehabilitation (CP0621)

CITYWIDE

Replace existing equipment that no longer functions and/or has reached its useful life to maintain adequate levels of service and bring the facilities into conformance with current design standards and specifications.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$7,484	\$81,675	-	-	-	-	-	\$89,159
Sum:		\$7,484	\$81,675	\$205,009	\$1,818,403	\$2,337,454	\$59,881	-	\$4,509,906

Sewer Line Condition Assessment (CP0622)

CITYWIDE

Closed-circuit television (CCTV) inspection and evaluation to determine condition of sewer lines and what rehabilitation is needed.

		Estimated Exp					Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$885,732	\$432,000	-	-	-	-	-	\$1,317,732
Sum:		\$885,732	\$432,000	\$443,723	\$453,753	\$464,598	\$476,072	-	\$3,155,878

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Wastewater Lifecycle

Sewer Line Rehabilitation (CP0383)

CITYWIDE

Rehabilitate and/or replace defective pipe in the wastewater collection system identified through the wastewater Asset Management Program, to maintain a high level of service.

Fund		Estimated Exp					Future Years		Totals
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Wastewater Bond	\$5,309,498	\$471,432	-	-	-	-	-	\$5,780,930
Sum:		\$5,309,498	\$471,432	-	-	-	-	-	\$5,780,930

Sewer Line Rehabilitation (CP0623)

CITYWIDE

Rehabilitate and/or replace defective pipe in the wastewater collection system to prevent catastrophic failures and maintain a high level of service. These defective lines were identified through the wastewater asset management program.

Fund		Estimated Exp					Future Years		Totals
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Wastewater Bond	\$326,501	\$697,714	-	-	-	-	-	\$1,024,215
	Wastewater	\$12,263	-	-	-	-	-	-	\$12,263
Sum:		\$338,764	\$697,714	\$4,675,647	\$17,295,122	\$4,269,902	\$2,400,243	-	\$29,677,392

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Water Contractual Obligations

Val Vista Water Treatment Plant - Mesa Share (CN0010)

CITYWIDE

Fund the City's portion of the operations and maintenance cost of the Val Vista Water Treatment Plant per the Intergovernmental Agreement with the City of Phoenix.

		Estimated Exp						Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals	
Capital	2014 Water Bond	\$7,230,620	\$9,287,660	\$9,129,265	-	-	-	-	-	\$25,647,545
Sum:		\$7,230,620	\$9,287,660	\$9,129,265	-	-	-	-	-	\$25,647,545

White Mountain Apache Water Settlement Water Rights (CN0028)

CITYWIDE

Lease Central Arizona Project (CAP) canal water rights from the White Mountain Apache Tribe for 100 years. Long-term leasing of the water rights will help ensure the City's water supply.

		Estimated Exp						Future Years		
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals	
Capital	2014 Water Bond	-	\$3,700,000	\$3,786,210	-	-	-	-	-	\$7,486,210
Sum:		-	\$3,700,000	\$3,786,210	-	-	-	-	-	\$7,486,210

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Water Customer Demand Citywide

Reclaimed Water Line-Northwest Water Reclamation Plant to

CITYWIDE

Design and construction of 36" reclaimed water line from Northwest Water Reclamation Plant to Southeast Water Reclamation Plant

Fund		Estimated Exp						Future Years	
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	-	\$1,823,400	\$4,881,735	-	-	-	-	\$6,705,135
Sum:		-	\$1,823,400	\$4,881,735	-	-	-	-	\$6,705,135

Water Extensions and Oversized Mains - City Share (CN0064)

CITYWIDE

City Share for developer constructed waterlines that are larger than 16-inch diameter.

Fund		Estimated Exp						Future Years	
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	-	\$200,000	\$240,546	-	-	-	-	\$440,546
Sum:		-	\$200,000	\$445,206	\$209,286	\$214,288	\$219,580	-	\$1,288,360

Waterline Replacement (CP0814)

CITYWIDE

Replace waterline with highest breakage risk. Waterlines will be inspected and prioritized for replacement based on risk of breakage.

Fund		Estimated Exp						Future Years	
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$806,995	\$958,228	-	-	-	-	-	\$1,765,223
Sum:		\$806,995	\$958,228	\$1,559,713	\$1,686,001	\$1,317,598	\$1,617,612	-	\$7,946,147

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Water Customer Demand - Southeast Mesa

Transmission Mains - Southeast Mesa (CP0645)

COUNCIL DISTRICT 6

Construct various large diameter water mains in southeast Mesa. The Water Master Plan identified the need for water transmission mains to meet water demand.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	-	\$530,000	-	-	-	-	-	\$530,000
	Sum:	-	\$530,000	\$2,237,518	\$23,736,587	\$3,809,113	\$5,835,453	\$5,836,635	\$41,985,306

Well Site Acquisition (C04048)

COUNCIL DISTRICT 6

Acquire land for additional well sites needed in the Desert Wells service zone.

		Estimated Exp					Future Years		
	Fund	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$229,329	\$502,990	-	-	-	-	-	\$732,319
	Sum:	\$229,329	\$502,990	-	-	-	-	-	\$732,319

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Water Lifecycle

Advanced Metering Infrastructure (AMI) (CP0900)

CITYWIDE

Upgrade utility meter infrastructure, including related communications network and data management systems.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Electric Bond	-	\$226,001	-	-	-	-	-	\$226,001
	2014 Gas Bond	-	\$862,649	-	-	-	-	-	\$862,649
	2014 Water Bond	-	\$2,120,000	-	-	-	-	-	\$2,120,000
Sum:		-	\$3,208,650	-	-	-	-	-	\$3,208,650

Aging Water Main Repairs (CP0821)

CITYWIDE

Make needed emergency repairs to pipe breaks on aging waterlines.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	-	\$199,800	-	-	-	-	-	\$199,800
Sum:		-	\$199,800	-	-	-	-	-	\$199,800

Horne Waterline Replacement: Marilyn Ave to Southern Ave (CP0366)

COUNCIL DISTRICT 4

Install new water mains, and abandon aging water line. New water mains will extend along Horne Road between Marilyn Avenue to Southern Avenue. Work includes related equipment such as valves, hydrants and service lines.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Electric Bond	\$125,809	\$749,170	-	-	-	-	-	\$874,979
	2014 Gas Bond	\$116,592	-	-	-	-	-	-	\$116,592
	2014 Wastewater Bond	\$28,524	-	-	-	-	-	-	\$28,524
	2014 Water Bond	\$167,879	-	-	-	-	-	-	\$167,879
Sum:		\$438,804	\$749,170	-	-	-	-	-	\$1,187,974

Pump Station Rehabilitation (CP0640)

CITYWIDE

Rehabilitate/replace equipment and material at existing pump stations. Work includes replacing some of the followings: vertical turbine pumps, motors, chlorine equipment, electric switch gear, instrumentation & controls.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$1,650,875	\$824,680	-	-	-	-	-	\$2,475,555
Sum:		\$1,650,875	\$824,680	-	-	-	-	-	\$2,475,555

Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

Water Lifecycle

Reservoir Rehabilitation (CP0641)

CITYWIDE

Replace failing equipment at City reservoirs in the water system. Equipment planned for replacement include cathodic protection equipment, liners, interior & exterior coatings & mixer equipment.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$213,975	\$1,433,621	-	-	-	-	-	\$1,647,596
Sum:		\$213,975	\$1,433,621	-	-	-	-	-	\$1,647,596

Water Meter Vault Rehabilitation (CP0860)

CITYWIDE

Perform upgrades necessary for OSHA compliance & to reduce safety hazards for personnel & equipment. Improvements are planned over several fiscal years. Water Resources purchases the meters. Engineering oversees installation of meters.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$50,643	\$2,450,711	-	-	-	-	-	\$2,501,354
Sum:		\$50,643	\$2,450,711	-	-	-	-	-	\$2,501,354

Water Resources Hydrant and Valve Replacements (CP0876)

CITYWIDE

Replace aging water valves and fire hydrants.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$438,847	\$1,717,200	-	-	-	-	-	\$2,156,047
Sum:		\$438,847	\$1,717,200	-	-	-	-	-	\$2,156,047

Water Services Extension & Replacement (CP0650)

CITYWIDE

Replace water services that have reached the end of their support lifecycle. Timely replacement will prevent service disruptions.

		Estimated Exp					Future Years		Totals
Fund		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$9,158	\$214,120	-	-	-	-	-	\$223,278
Sum:		\$9,158	\$214,120	-	-	-	-	-	\$223,278