



## **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					Future Years		Totals
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Cemetery	\$965,438	\$700,000	-	-	-	-	-	\$1,665,438
<b>Sum:</b>		<b>\$965,438</b>	<b>\$700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,665,438</b>

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

## 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.

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	Capital - General Fund	-	-	-	-	\$450,802	\$773,203	-	\$1,224,005
<b>Sum:</b>		-	-	-	-	<b>\$450,802</b>	<b>\$773,203</b>	-	<b>\$1,224,005</b>

#### 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.

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	2018 Public Safety Bond	\$310,968	\$3,000,000	\$2,700,000	\$1,989,032	-	-	-	\$8,000,000
<b>Sum:</b>		<b>\$310,968</b>	<b>\$3,000,000</b>	<b>\$2,700,000</b>	<b>\$1,989,032</b>	-	-	-	<b>\$8,000,000</b>

#### 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.

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	Capital - General Fund	\$3,550,806	\$325,371	-	-	-	-	-	\$3,876,177
<b>Sum:</b>		<b>\$3,550,806</b>	<b>\$325,371</b>	-	-	-	-	-	<b>\$3,876,177</b>

#### 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.

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	Capital - General Fund	-	-	-	\$440,279	\$754,568	-	-	\$1,194,847
<b>Sum:</b>		-	-	-	<b>\$440,279</b>	<b>\$754,568</b>	-	-	<b>\$1,194,847</b>

#### 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.

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	Capital - General Fund	-	-	\$430,547	\$736,955	-	-	-	\$1,167,502
<b>Sum:</b>		-	-	<b>\$430,547</b>	<b>\$736,955</b>	-	-	-	<b>\$1,167,502</b>

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

##### CITYWIDE

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

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	Capital - General Fund	-	\$297,360	\$185,850	\$184,831	\$184,428	-	-	\$852,469
<b>Sum:</b>		-	<b>\$297,360</b>	<b>\$185,850</b>	<b>\$184,831</b>	<b>\$184,428</b>	-	-	<b>\$852,469</b>

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

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

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

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

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

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

## 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

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 Topaz Capital Programs	-	-	\$574,063	\$982,606	-	-	-	\$1,556,669
<b>Sum:</b>	-	-	<b>\$574,063</b>	<b>\$982,606</b>	-	-	-	<b>\$1,556,669</b>

#### TOPAZ - System of Systems Networking Expansion (CP0905)

##### CITYWIDE

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

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 Topaz Capital Programs	-	\$396,480	\$247,800	\$246,442	\$245,905	-	-	\$1,136,627
<b>Sum:</b>	-	<b>\$396,480</b>	<b>\$247,800</b>	<b>\$246,442</b>	<b>\$245,905</b>	-	-	<b>\$1,136,627</b>

#### 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.

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 Topaz Capital Programs	-	\$287,406	\$287,406	-	-	-	-	\$574,812
<b>Sum:</b>	-	<b>\$287,406</b>	<b>\$287,406</b>	-	-	-	-	<b>\$574,812</b>

## Capital Improvement Program Project Funding Summary Fiscal Years 2020-2024

### **Economic Investment**

#### **ASU @ City Center (CP0871)**

##### **COUNCIL DISTRICT 4**

Construct downtown academic facilities.

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	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
	<b>Sum:</b>	<b>\$512,217</b>	<b>\$42,000,000</b>	<b>\$20,977,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$63,489,867</b>

### **Downtown Project Support (CP0881)**

##### **COUNCIL DISTRICT 4**

Support completion of downtown capital projects.

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	Capital - General Fund	\$15,464	\$2,100,000	\$1,048,883	-	-	-	-	\$3,164,347
	<b>Sum:</b>	<b>\$15,464</b>	<b>\$2,100,000</b>	<b>\$1,048,883</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,164,347</b>

### **Innovation Studios (CP0880)**

##### **COUNCIL DISTRICT 4**

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

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	Capital - General Fund	\$138,900	\$500,000	-	-	-	-	-	\$638,900
	<b>Sum:</b>	<b>\$138,900</b>	<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$638,900</b>

## 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					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	\$2,650,617	\$406,554	-	-	-	-	-	\$3,057,171
<b>Sum:</b>		<b>\$2,650,617</b>	<b>\$406,554</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,057,171</b>

#### 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					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	\$895,314	\$537,286	-	-	-	-	-	\$1,432,600
<b>Sum:</b>		<b>\$895,314</b>	<b>\$537,286</b>	<b>\$2,636,609</b>	<b>\$2,696,204</b>	<b>\$2,729,273</b>	<b>\$2,796,676</b>	<b>-</b>	<b>\$12,291,362</b>

#### 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					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	-	\$292,793	-	-	-	-	-	\$292,793
<b>Sum:</b>		<b>-</b>	<b>\$292,793</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$292,793</b>

#### 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					Future Years	Totals	
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
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
<b>Sum:</b>		<b>\$351,180</b>	<b>\$455,405</b>	<b>\$491,482</b>	<b>\$502,591</b>	<b>\$514,603</b>	<b>\$527,311</b>	<b>\$1,661,633</b>	<b>\$4,504,205</b>

#### 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					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	\$2,110,792	\$2,921,798	-	-	-	-	-	\$5,032,590
<b>Sum:</b>		<b>\$2,110,792</b>	<b>\$2,921,798</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,032,590</b>

#### Electric Systems Retirements (CP0591)

##### CITYWIDE

Replace electric system infrastructure to ensure 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	Electric	\$11,192	\$117,117	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,029,959
<b>Sum:</b>		<b>\$11,192</b>	<b>\$117,117</b>	<b>\$119,845</b>	<b>\$122,555</b>	<b>\$125,484</b>	<b>\$128,583</b>	<b>\$405,183</b>	<b>\$1,029,959</b>

## 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
<b>Sum:</b>		<b>\$961,067</b>	<b>\$3,757,850</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$9,683,588</b>



## 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.

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

#### 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.

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

#### City Owned Buildings and Property Improvements (CP0763)

##### COUNCIL DISTRICT 5

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

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

#### Delta Taxiway Overlay/Connecting Taxiways (CP0922)

##### COUNCIL DISTRICT 5

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

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

#### East Side Improvements (CP0690)

##### COUNCIL DISTRICT 5

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

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

#### Echo Ramp East Overlay (CP0927)

##### COUNCIL DISTRICT 5

Reconstruct and upgrade Echo 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		Totals
							(3)		
Capital Falcon Field Airport	-	-	-	-	-	\$49,510	-	-	\$49,510
Falcon Field Grants	-	-	-	-	-	\$499,440	-	-	\$499,440
<b>Sum:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$548,950</b>	<b>-</b>	<b>-</b>	<b>\$548,950</b>

## 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		Totals
								(3)		
Capital	Falcon Field Airport	-	-	-	-	-	\$59,412	-	-	\$59,412
	Falcon Field Grants	-	-	-	-	-	\$599,328	-	-	\$599,328
<b>Sum:</b>		-	-	-	-	-	<b>\$658,740</b>	-	-	<b>\$658,740</b>

#### **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		Totals
								(3)		
Capital	Falcon Field Airport	-	-	-	\$56,627	-	-	-	-	\$56,627
	Falcon Field Grants	-	-	-	\$571,231	-	-	-	-	\$571,231
<b>Sum:</b>		-	-	-	<b>\$627,858</b>	-	-	-	-	<b>\$627,858</b>

#### **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		Totals
								(3)		
Capital	Falcon Field Airport	-	-	-	-	\$30,613	-	-	-	\$30,613
	Falcon Field Grants	-	-	-	-	\$183,676	-	-	-	\$183,676
<b>Sum:</b>		-	-	-	-	<b>\$214,289</b>	-	-	-	<b>\$214,289</b>

#### **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		Totals
								(3)		
Capital	Falcon Field Airport	-	-	-	-	-	\$47,053	\$260,813	-	\$307,866
	Falcon Field Grants	-	-	-	-	-	\$282,317	\$2,630,993	-	\$2,913,310
<b>Sum:</b>		-	-	-	-	-	<b>\$329,370</b>	<b>\$2,891,806</b>	-	<b>\$3,221,176</b>

#### **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		Totals
								(3)		
Capital	Falcon Field Airport	-	-	-	-	\$106,296	-	-	-	\$106,296
	Falcon Field Grants	-	-	-	-	\$1,072,288	-	-	-	\$1,072,288
<b>Sum:</b>		-	-	-	-	<b>\$1,178,584</b>	-	-	-	<b>\$1,178,584</b>

#### **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		Totals
								(3)		
Capital	Falcon Field Airport	-	\$38,095	-	-	-	-	-	-	\$38,095
	Falcon Field Grants	-	\$761,905	-	-	-	-	-	-	\$761,905
<b>Sum:</b>		-	<b>\$800,000</b>	-	-	-	-	-	-	<b>\$800,000</b>

## 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.

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	Falcon Field Airport	-	\$90,191	-	-	-	-	-	\$90,191
	Falcon Field Grants	-	\$909,809	-	-	-	-	-	\$909,809
<b>Sum:</b>		-	<b>\$1,000,000</b>	-	-	-	-	-	<b>\$1,000,000</b>

#### **Runway 4L/22R Overlay (CP0924)**

##### **COUNCIL DISTRICT 5**

Reconstruct and upgrade Runway 4L/22R .

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	Falcon Field Airport	-	-	-	\$104,643	-	-	-	\$104,643
	Falcon Field Grants	-	-	-	\$627,858	-	-	-	\$627,858
<b>Sum:</b>		-	-	-	<b>\$732,501</b>	-	-	-	<b>\$732,501</b>

#### **Runway Protection Zone Improvements (CP0398)**

##### **COUNCIL DISTRICT 5**

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

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	Falcon Field Airport	\$19,308	-	\$29,237	\$113,253	-	-	-	\$161,798
	Falcon Field Grants	-	-	\$175,423	\$1,142,463	-	-	-	\$1,317,886
<b>Sum:</b>		<b>\$19,308</b>	-	<b>\$204,660</b>	<b>\$1,255,716</b>	-	-	-	<b>\$1,479,684</b>

#### **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.

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	Falcon Field Airport	-	\$42,857	-	-	-	-	-	\$42,857
	Falcon Field Grants	-	\$257,143	-	-	-	-	-	\$257,143
<b>Sum:</b>		-	<b>\$300,000</b>	-	-	-	-	-	<b>\$300,000</b>

## 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.

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 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	
<b>Sum:</b>	<b>\$5,500,000</b>	<b>\$7,050,000</b>	<b>\$5,785,000</b>	<b>\$6,538,964</b>	<b>\$5,211,317</b>	-	-	<b>\$30,085,281</b>	

#### 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.

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 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	
<b>Sum:</b>	<b>\$11,948</b>	<b>\$7,158,117</b>	<b>\$4,091,222</b>	<b>\$2,267,769</b>	<b>\$1,990,131</b>	<b>\$2,037,891</b>	<b>\$6,315,679</b>	<b>\$23,872,757</b>	

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

#### **Traffic Signals - New and Upgrade (CP0586)**

##### **CITYWIDE**

Install new signals and upgrade existing signals.

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	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
<b>Sum:</b>		<b>\$1,974,073</b>	<b>\$1,602,246</b>	<b>\$1,639,579</b>	<b>\$1,676,638</b>	<b>\$1,716,710</b>	<b>\$1,759,106</b>	<b>\$5,543,194</b>	<b>\$15,911,546</b>

#### **Traffic Signals - Public Safety Opticom (CP0702)**

##### **CITYWIDE**

Install public safety opticom technology on traffic signals.

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	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
<b>Sum:</b>		<b>\$89,219</b>	<b>\$120,000</b>	<b>\$122,796</b>	<b>\$125,572</b>	<b>\$128,573</b>	<b>\$131,748</b>	<b>\$415,156</b>	<b>\$1,133,064</b>

## 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years	Totals
							(3)	
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
<b>Sum:</b>	<b>\$500,000</b>	<b>\$1,399,536</b>	<b>\$299,469</b>	<b>\$306,564</b>	<b>\$313,895</b>	<b>\$321,399</b>	<b>\$1,011,092</b>	<b>\$4,151,955</b>

#### Main Library Improvements (CP0904)

##### COUNCIL DISTRICT 4

Construct new programming space.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years	Totals
							(3)	
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
<b>Sum:</b>	<b>\$500,000</b>	<b>\$1,277,000</b>	<b>\$20,466</b>	<b>\$20,928</b>	<b>\$21,429</b>	<b>\$21,958</b>	<b>\$69,193</b>	<b>\$1,930,974</b>

#### Southeast Neighborhood Library (CP0429)

##### COUNCIL DISTRICT 6

Provide library services to the citizens of southeast Mesa.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years	Totals
							(3)	
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
<b>Sum:</b>	<b>-</b>	<b>-</b>	<b>\$900,000</b>	<b>\$696,161</b>	<b>\$9,923,497</b>	<b>\$5,152,135</b>	<b>\$9,398,053</b>	<b>\$26,069,846</b>

### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years	Totals
							(3)	
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
<b>Sum:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$397,807</b>	<b>\$2,332,022</b>	<b>\$2,080,670</b>	<b>\$134,926</b>	<b>\$4,945,425</b>

## 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						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 Gas Bond	\$3,593,863	\$2,195,445	-	-	-	-	-	-	\$5,789,308
<b>Sum:</b>	<b>\$3,593,863</b>	<b>\$2,195,445</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,789,308</b>

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

#### 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						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 Gas Bond	\$580	\$645,892	-	-	-	-	-	-	\$646,472
<b>Sum:</b>	<b>\$580</b>	<b>\$645,892</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$646,472</b>

#### Gas Meters: New and Replacement (CP0711)

##### CITYWIDE

Install gas meters citywide.

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 Gas Bond	\$1,486,547	\$483,425	-	-	-	-	-	-	\$1,969,972
<b>Sum:</b>	<b>\$1,486,547</b>	<b>\$483,425</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,969,972</b>

#### Gas Meters: New and Replacement (CP0496)

##### CITYWIDE

Install gas meters citywide.

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 Utility Replacement Extensio	\$992,218	\$483,425	\$496,947	\$506,829	\$532,591	\$560,128	\$1,207,632	-	\$4,779,770
<b>Sum:</b>	<b>\$992,218</b>	<b>\$483,425</b>	<b>\$496,947</b>	<b>\$506,829</b>	<b>\$532,591</b>	<b>\$560,128</b>	<b>\$1,207,632</b>	<b>-</b>	<b>\$4,779,770</b>

#### High Pressure Gas Main Installations (CP0442)

##### CITYWIDE

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

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 Gas Bond	\$124,109	\$908,962	-	-	-	-	-	-	\$1,033,071
<b>Sum:</b>	<b>\$124,109</b>	<b>\$908,962</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,033,071</b>

## 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.

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 2010 Gas Bond	-	\$79,032	-	-	-	-	-	\$79,032
<b>Sum:</b>	-	<b>\$79,032</b>	-	-	-	-	-	<b>\$79,032</b>

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

##### **CITYWIDE**

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

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 2010 Gas Bond	-	\$396,685	-	-	-	-	-	\$396,685
<b>Sum:</b>	-	<b>\$396,685</b>	-	-	-	-	-	<b>\$396,685</b>

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

##### **CITYWIDE**

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

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 Gas Bond	-	\$1,886,996	-	-	-	-	-	\$1,886,996
<b>Sum:</b>	-	<b>\$1,886,996</b>	-	-	-	-	-	<b>\$1,886,996</b>



## 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.

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 Gas Bond	-	\$400,023	-	-	-	-	-	-	\$400,023
<b>Sum:</b>	-	<b>\$400,023</b>	-	-	-	-	-	-	<b>\$400,023</b>

#### Gas - Customer Upgrades (CP0890)

##### CITYWIDE

Upgrade meters and or services per customer requests.

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 Natural Gas	\$17,856	\$761,261	\$778,998	\$796,607	\$815,645	\$835,789	\$2,633,689	-	\$6,639,845
<b>Sum:</b>	<b>\$17,856</b>	<b>\$761,261</b>	<b>\$778,998</b>	<b>\$796,607</b>	<b>\$815,645</b>	<b>\$835,789</b>	<b>\$2,633,689</b>	-	<b>\$6,639,845</b>

#### Gas New Mains (CP0481)

##### CITYWIDE

Extend gas mains and services to new subdivisions.

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 Gas Bond	\$3,136,987	\$3,383,908	-	-	-	-	-	-	\$6,520,895
<b>Sum:</b>	<b>\$3,136,987</b>	<b>\$3,383,908</b>	-	-	-	-	-	-	<b>\$6,520,895</b>

#### Gas New Services (CP0480)

##### CITYWIDE

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

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 Gas Bond	\$3,837,527	\$2,980,022	-	-	-	-	-	-	\$6,817,549
<b>Sum:</b>	<b>\$3,837,527</b>	<b>\$2,980,022</b>	-	-	-	-	-	-	<b>\$6,817,549</b>

#### 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.

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 Gas Bond	-	\$1,576,835	-	-	-	-	-	-	\$1,576,835
<b>Sum:</b>	-	<b>\$1,576,835</b>	-	-	-	-	-	-	<b>\$1,576,835</b>

#### 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.

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 Gas Bond	\$32,661	\$898,642	-	-	-	-	-	-	\$931,303
<b>Sum:</b>	<b>\$32,661</b>	<b>\$898,642</b>	-	-	-	-	-	-	<b>\$931,303</b>

## 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.

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 Gas Bond	\$78,548	\$3,128,368	-	-	-	-	-	\$3,206,916
<b>Sum:</b>	<b>\$78,548</b>	<b>\$3,128,368</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,206,916</b>

#### **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.

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 2010 Gas Bond	\$10,951	-	-	-	-	-	-	\$10,951
2014 Gas Bond	-	-	\$562,075	-	-	-	-	\$562,075
<b>Sum:</b>	<b>\$10,951</b>	<b>-</b>	<b>\$562,075</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$573,026</b>

#### **Regulator Station Security (C10388)**

##### **CITYWIDE**

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

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 2010 Gas Bond	\$23,657	-	-	-	-	-	-	\$23,657
2014 Gas Bond	-	\$86,591	-	-	-	-	-	\$86,591
<b>Sum:</b>	<b>\$23,657</b>	<b>\$86,591</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$110,248</b>

## 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.

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 2018 Parks Bond	-	-	-	\$198,903	\$793,881	\$1,486,192	-	-	\$2,478,976
O&M General Fund	-	-	-	-	-	-	\$825,964	-	\$825,964
<b>Sum:</b>	-	-	-	<b>\$198,903</b>	<b>\$793,881</b>	<b>\$1,486,192</b>	<b>\$825,964</b>	-	<b>\$3,304,940</b>

#### Dog Park - Countryside Park (CP0933)

##### COUNCIL DISTRICT 2

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

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 2018 Parks Bond	-	-	-	\$37,294	\$117,222	\$396,318	-	-	\$550,834
O&M General Fund	-	-	-	-	-	-	\$106,118	-	\$106,118
<b>Sum:</b>	-	-	-	<b>\$37,294</b>	<b>\$117,222</b>	<b>\$396,318</b>	<b>\$106,118</b>	-	<b>\$656,952</b>

#### Federal Building Renovation (CP0213)

##### COUNCIL DISTRICT 1

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

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 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
<b>Sum:</b>	<b>\$908,358</b>	<b>\$1,000,000</b>	<b>\$4,500,000</b>	<b>\$2,082,459</b>	<b>\$212,202</b>	<b>\$217,444</b>	<b>\$685,024</b>	-	<b>\$9,605,487</b>

#### Harris Basin Playground (CP0934)

##### COUNCIL DISTRICT 1

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

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 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
<b>Sum:</b>	<b>\$35,000</b>	<b>\$265,000</b>	<b>\$17,218</b>	<b>\$17,608</b>	<b>\$18,028</b>	<b>\$18,473</b>	<b>\$58,210</b>	-	<b>\$429,537</b>

#### Marlborough Mesa Park Playground (CP0942)

##### COUNCIL DISTRICT 3

Update the playground at Marlborough Mesa Park.

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 2018 Parks Bond	-	-	-	\$19,891	\$178,516	-	-	-	\$198,407
<b>Sum:</b>	-	-	-	<b>\$19,891</b>	<b>\$178,516</b>	-	-	-	<b>\$198,407</b>

#### 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.

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 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
<b>Sum:</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,000,001</b>	<b>\$4,475,323</b>	<b>\$3,693,347</b>	<b>\$467,695</b>	<b>\$1,543,135</b>	-	<b>\$15,179,501</b>

## 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(3)		
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
<b>Sum:</b>	<b>\$3,700,000</b>	<b>\$1,000,000</b>	<b>\$4,400,000</b>	<b>\$4,972,581</b>	<b>\$469,574</b>	<b>\$396,779</b>	<b>\$1,303,538</b>		<b>\$12,542,472</b>

#### Palo Verde Park Playground (CP0941)

##### COUNCIL DISTRICT 3

Update the playground at Palo Verde Park.

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

#### Plaza @ Mesa City Center (CP0920)

##### COUNCIL DISTRICT 4

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

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(3)		
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
<b>Sum:</b>	<b>\$180,448</b>	<b>\$5,500,000</b>	<b>\$2,490,106</b>	<b>\$204,649</b>	<b>\$217,065</b>	<b>\$301,732</b>	<b>\$951,231</b>		<b>\$9,845,231</b>

#### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(3)		
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
<b>Sum:</b>	<b>-</b>	<b>\$100,000</b>	<b>\$500,000</b>	<b>\$11,337,485</b>	<b>\$12,900,547</b>	<b>\$1,381,559</b>	<b>\$2,792,786</b>		<b>\$29,012,377</b>

#### Red Mountain - Youth Baseball/Softball (CP0931)

##### COUNCIL DISTRICT 5

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

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(3)		
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
<b>Sum:</b>	<b>-</b>	<b>\$100,000</b>	<b>\$700,000</b>	<b>\$3,182,452</b>	<b>\$3,175,519</b>	<b>\$724,370</b>	<b>\$1,535,552</b>		<b>\$9,417,893</b>

#### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(3)		
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
<b>Sum:</b>	<b>-</b>	<b>-</b>	<b>\$500,000</b>	<b>\$2,088,484</b>	<b>\$2,381,640</b>	<b>\$1,217,312</b>	<b>\$2,371,775</b>		<b>\$8,559,211</b>

## 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
<b>Sum:</b>		<b>\$2,505,610</b>	<b>\$3,000,000</b>	<b>\$4,000,000</b>	<b>\$11,238,033</b>	<b>\$17,666,690</b>	<b>\$3,299,297</b>	<b>\$9,047,545</b>	<b>\$50,757,175</b>

#### 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
<b>Sum:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$496,175</b>	<b>\$2,476,988</b>	<b>\$9,148,507</b>	<b>\$12,121,670</b>

## 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.

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 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
<b>Sum:</b>	-	<b>\$180,000</b>	<b>\$620,000</b>	<b>\$994,516</b>	<b>\$16,072</b>	<b>\$16,469</b>	<b>\$51,895</b>	-	<b>\$1,878,952</b>

#### Lehi Crossing Shared-Use Path (CP0672)

##### CITYWIDE

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

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 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
<b>Sum:</b>	<b>\$205,000</b>	<b>\$2,000,000</b>	<b>\$2,100,000</b>	<b>\$1,299,150</b>	<b>\$6,428</b>	<b>\$6,588</b>	<b>\$20,758</b>	-	<b>\$5,637,924</b>

#### Mesa Gateway Bike and Pedestrian Path Phase 2 (CP0529)

##### CITYWIDE

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

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 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
<b>Sum:</b>	<b>\$62,710</b>	-	<b>\$4,825,974</b>	<b>\$6,278</b>	<b>\$6,428</b>	<b>\$6,588</b>	<b>\$34,762</b>	-	<b>\$4,942,740</b>

## 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						Future Years		Totals
	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)		
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
<b>Sum:</b>	<b>\$298,877</b>	<b>\$796,011</b>	<b>\$1,185,000</b>	-	-	-	-	-	<b>\$2,279,888</b>

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

#### Economic Development (CP0342)

##### CITYWIDE

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

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 2010 Wastewater Bond	-	\$388,799	\$795,719	-	-	-	-	-	\$1,184,518
2014 Water Bond	-	\$713,732	\$1,460,729	-	-	-	-	-	\$2,174,461
<b>Sum:</b>	-	<b>\$1,102,531</b>	<b>\$2,256,448</b>	-	-	-	-	-	<b>\$3,358,979</b>

#### Gilbert Road Bridge (CN0056)

##### COUNCIL DISTRICT 1

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

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 Local Streets Fund	-	\$300,000	-	-	-	-	-	-	\$300,000
<b>Sum:</b>	-	<b>\$300,000</b>	-	-	-	-	-	-	<b>\$300,000</b>

#### MAG Projects Local Match (CP0109)

##### CITYWIDE

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

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 Local Streets Fund	-	\$416,850	\$426,563	\$436,205	\$446,630	\$457,659	\$1,442,151	-	\$3,626,058
<b>Sum:</b>	-	<b>\$416,850</b>	<b>\$426,563</b>	<b>\$436,205</b>	<b>\$446,630</b>	<b>\$457,659</b>	<b>\$1,442,151</b>	-	<b>\$3,626,058</b>

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

## 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(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
	Transportation	-	\$7,799,076	-	-	-	-	-	\$7,799,076
O&M	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
	<b>Sum:</b>	<b>\$2,304,865</b>	<b>\$21,251,108</b>	<b>\$50,344</b>	<b>\$51,481</b>	<b>\$52,711</b>	<b>\$54,015</b>	<b>\$170,209</b>	<b>\$23,934,733</b>

#### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(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
	<b>Sum:</b>	<b>-</b>	<b>\$220,000</b>	<b>\$4,093</b>	<b>\$4,185</b>	<b>\$4,285</b>	<b>\$4,392</b>	<b>\$13,839</b>	<b>\$250,794</b>

#### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(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
	<b>Sum:</b>	<b>\$891,443</b>	<b>\$16,972,097</b>	<b>\$8,359</b>	<b>\$8,548</b>	<b>\$8,752</b>	<b>\$8,969</b>	<b>\$28,263</b>	<b>\$17,926,431</b>



## 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.

Fund	Estimated Exp	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	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
<b>Sum:</b>		<b>\$596,840</b>	<b>\$3,694,260</b>	<b>\$12,965</b>	<b>\$13,258</b>	<b>\$13,575</b>	<b>\$13,911</b>	<b>\$43,838</b>	<b>\$4,388,647</b>

#### 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.

Fund	Estimated Exp	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	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
<b>Sum:</b>		<b>\$1,073,845</b>	<b>\$352,800</b>	<b>\$361,020</b>	<b>\$369,180</b>	<b>\$378,004</b>	<b>\$387,339</b>	<b>\$397,102</b>	<b>\$3,319,290</b>

#### Transportation Neighborhood Improvement Projects (CP0532)

##### CITYWIDE

Install ADA Ramps and missing sidewalks citywide to improve accessibility.

Fund	Estimated Exp	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	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
<b>Sum:</b>		<b>\$425,250</b>	<b>\$434,450</b>	<b>\$444,572</b>	<b>\$454,622</b>	<b>\$465,486</b>	<b>\$476,982</b>	<b>\$1,503,041</b>	<b>\$4,204,403</b>

## 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.

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 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
<b>Sum:</b>	<b>\$13,989,494</b>	<b>\$8,518,362</b>	<b>\$6,775,226</b>	-	-	-	-	<b>\$27,310,374</b>

#### **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.

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 2010 Wastewater Bond	-	\$201,000	-	-	-	-	-	\$201,000
<b>Sum:</b>	-	<b>\$201,000</b>	-	-	-	-	-	<b>\$201,000</b>

## 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.

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 Greenfield WRP Joint Ventur	-	-	\$837,162	\$1,943,602	\$1,915,350	\$898,192	\$2,830,332	\$8,424,638
<b>Sum:</b>	-	-	<b>\$837,162</b>	<b>\$1,943,602</b>	<b>\$1,915,350</b>	<b>\$898,192</b>	<b>\$2,830,332</b>	<b>\$8,424,638</b>

#### **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.

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 Greenfield WRP Joint Ventur	-	-	-	\$3,150,277	\$4,260,645	\$2,195,976	\$6,919,833	\$16,526,731
<b>Sum:</b>	-	-	-	<b>\$3,150,277</b>	<b>\$4,260,645</b>	<b>\$2,195,976</b>	<b>\$6,919,833</b>	<b>\$16,526,731</b>

#### **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.

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 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
<b>Sum:</b>	<b>\$124,902,538</b>	<b>\$79,675,370</b>	<b>\$4,462,155</b>	<b>\$1,503,924</b>	<b>\$1,540,056</b>	<b>\$1,578,156</b>	<b>\$4,973,654</b>	<b>\$218,635,853</b>

#### **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.

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	\$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
<b>Sum:</b>	<b>\$74,959,892</b>	<b>\$47,913,862</b>	<b>\$2,319,925</b>	<b>\$527,401</b>	<b>\$540,006</b>	<b>\$553,342</b>	<b>\$1,743,658</b>	<b>\$128,558,086</b>

## 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.

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

#### 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.

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

#### 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.

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

#### 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.

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

#### 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.

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

#### 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.

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

## 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.

Fund		Estimated Exp					Future Years (3)	Totals
		Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
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
	<b>Sum:</b>	<b>\$1,248,986</b>	<b>\$1,486,102</b>	<b>\$1,520,729</b>	<b>\$1,555,102</b>	<b>\$1,592,269</b>	<b>\$1,631,591</b>	<b>\$14,176,157</b>

#### 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.

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

#### 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.

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

#### 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.

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

#### 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.

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

#### Sewer Line Condition Assessment (CP0622)

##### CITYWIDE

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

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

## 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
<b>Sum:</b>		<b>\$5,309,498</b>	<b>\$471,432</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,780,930</b>

#### **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
<b>Sum:</b>		<b>\$338,764</b>	<b>\$697,714</b>	<b>\$4,675,647</b>	<b>\$17,295,122</b>	<b>\$4,269,902</b>	<b>\$2,400,243</b>	<b>-</b>	<b>\$29,677,392</b>

## 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.

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 Water Bond	\$7,230,620	\$9,287,660	\$9,129,265	-	-	-	-	\$25,647,545
<b>Sum:</b>	<b>\$7,230,620</b>	<b>\$9,287,660</b>	<b>\$9,129,265</b>	-	-	-	-	<b>\$25,647,545</b>

#### **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.

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 Water Bond	-	\$3,700,000	\$3,786,210	-	-	-	-	\$7,486,210
<b>Sum:</b>	-	<b>\$3,700,000</b>	<b>\$3,786,210</b>	-	-	-	-	<b>\$7,486,210</b>

## 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	Totals
	Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital 2014 Water Bond	-	\$1,823,400	\$4,881,735	-	-	-	-	\$6,705,135
<b>Sum:</b>	-	<b>\$1,823,400</b>	<b>\$4,881,735</b>	-	-	-	-	<b>\$6,705,135</b>

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

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



## 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.

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 Water Bond	-	\$530,000	-	-	-	-	-	\$530,000
<b>Sum:</b>	-	<b>\$530,000</b>	<b>\$2,237,518</b>	<b>\$23,736,587</b>	<b>\$3,809,113</b>	<b>\$5,835,453</b>	<b>\$5,836,635</b>	<b>\$41,985,306</b>

#### **Well Site Acquisition (C04048)**

##### **COUNCIL DISTRICT 6**

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

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 Water Bond	\$229,329	\$502,990	-	-	-	-	-	\$732,319
<b>Sum:</b>	<b>\$229,329</b>	<b>\$502,990</b>	-	-	-	-	-	<b>\$732,319</b>

## 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(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
<b>Sum:</b>	-	<b>\$3,208,650</b>	-	-	-	-	-	-	<b>\$3,208,650</b>

#### Aging Water Main Repairs (CP0821)

##### CITYWIDE

Make needed emergency repairs to pipe breaks on aging waterlines.

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

#### 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.

Fund	Estimated Exp Thru FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years		Totals
							(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
<b>Sum:</b>	<b>\$438,804</b>	<b>\$749,170</b>	-	-	-	-	-	-	<b>\$1,187,974</b>

#### 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.

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

## 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.

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 Water Bond	\$213,975	\$1,433,621	-	-	-	-	-	\$1,647,596
<b>Sum:</b>	<b>\$213,975</b>	<b>\$1,433,621</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,647,596</b>

#### 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.

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 Water Bond	\$50,643	\$2,450,711	-	-	-	-	-	\$2,501,354
<b>Sum:</b>	<b>\$50,643</b>	<b>\$2,450,711</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,501,354</b>

#### Water Resources Hydrant and Valve Replacements (CP0876)

##### CITYWIDE

Replace aging water valves and fire hydrants.

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 Water Bond	\$438,847	\$1,717,200	-	-	-	-	-	\$2,156,047
<b>Sum:</b>	<b>\$438,847</b>	<b>\$1,717,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,156,047</b>

#### Water Services Extension & Replacement (CP0650)

##### CITYWIDE

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

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 Water Bond	\$9,158	\$214,120	-	-	-	-	-	\$223,278
<b>Sum:</b>	<b>\$9,158</b>	<b>\$214,120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$223,278</b>