



2020 – 2024 Capital Improvement Program

Project Summary by Fund

City of Mesa, Arizona
2020 – 2024 Capital Improvement Program

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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.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Cemetery	\$300,410	\$1,815,181	-	-	-	-	-	\$2,115,591
Sum:		\$300,410	\$1,815,181	-	-	-	-	-	\$2,115,591

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.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Economic Investment Fund	-	\$493,500	\$456,648	\$54,938	\$281,253	-	-	\$1,286,339
Sum:		-	\$493,500	\$456,648	\$54,938	\$281,253	-	-	\$1,286,339

Center Street Yard Master Plan (CP0891)

COUNCIL DISTRICT 1

Develop a Master Plan for future uses at Center Street Yard.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$1,300	\$2,850	-	-	-	-	-	\$4,150
	Environmental Compliance Fee	-	\$5,250	-	-	-	-	-	\$5,250
	Local Streets Fund	-	\$3,150	-	-	-	-	-	\$3,150
	Natural Gas	-	\$5,000	-	-	-	-	-	\$5,000
	Wastewater	-	\$3,240	-	-	-	-	-	\$3,240
Sum:		\$1,300	\$19,490	-	-	-	-	-	\$20,790

Convention Center Building C Piping (CP0895)

COUNCIL DISTRICT 4

Excavate areas to renovate/replace sanitary piping from building to main system at street.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Convention Center	\$1,698	\$48,437	-	-	-	-	-	\$50,135
Sum:		\$1,698	\$48,437	-	-	-	-	-	\$50,135

Downtown Facade Improvement (CP0781)

COUNCIL DISTRICT 4

Construct commercial facades between 1st Street and 1st Avenue, Country Club and Sirrine/Centennial as well as colonnade removal for properties.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$4,173	-	-	-	-	-	-	\$4,173
	Community Development Block	\$370,334	\$441,723	-	-	-	-	-	\$812,057
	Grants - Gen. Gov.	\$20,125	\$300,000	-	-	-	-	-	\$320,125
Sum:		\$394,632	\$741,723	-	-	-	-	-	\$1,136,355

East Mesa Service Center Cooling Tower System Replacement (CP0681)

COUNCIL DISTRICT 5

Replace of cooling tower system which includes piping throughout the building. The tower has exceeded its life expectancy, is corroded and is restricting water flow to the units. This corrosion can lead to a mass leak if not addressed.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$1,031,327	\$3,900	-	-	-	-	-	\$1,035,227
Sum:		\$1,031,327	\$3,900	-	-	-	-	-	\$1,035,227

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

City Facilities

East Valley Adult Resources Building (CP0568)

COUNCIL DISTRICT 4

Renovate the Mesa Active Adult Center. Work will include interior flooring, fire alarm system upgrades and ADA accessibility improvements.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$28,481	\$18,628	-	-	-	-	-	\$47,109
	Community Development Block	\$70,386	\$929,000	-	-	-	-	-	\$999,386
Sum:		\$98,867	\$947,628	-	-	-	-	-	\$1,046,495

Fleet West Roof Replacement (CP0793)

COUNCIL DISTRICT 4

Replace Fleet West roof.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Fleet Internal Service	\$222,650	\$70,500	-	-	-	-	-	\$293,150
Sum:		\$222,650	\$70,500	-	-	-	-	-	\$293,150

Gene Autry Clubhouse Septic System (CP0688)

COUNCIL DISTRICT 5

Remove the clubhouse septic system. Install wastewater collection lines and connect the facility to the City's wastewater utility system.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$123,859	\$426,748	-	-	-	-	-	\$550,607
Sum:		\$123,859	\$426,748	-	-	-	-	-	\$550,607

Mesa Family Advocacy HVAC System & Roofing (CP0770)

COUNCIL DISTRICT 4

Replace roof mounted HVAC equipment of existing two 2-story buildings . The buildings house City of Mesa Police and Family Advocacy Center.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$92,818	\$393,995	-	-	-	-	-	\$486,813
Sum:		\$92,818	\$393,995	-	-	-	-	-	\$486,813

Mesa Family Advocacy Restroom Renovation (CP0771)

COUNCIL DISTRICT 4

Renovate four restrooms at Mesa Family Advocacy Center to bring them in compliance with the Americans with Disabilities Act and update the existing finishes.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$6,954	\$10,896	-	-	-	-	-	\$17,850
Sum:		\$6,954	\$10,896	-	-	-	-	-	\$17,850

Police Central Division Drain Lines (CP0679)

COUNCIL DISTRICT 4

Replace aging drain pipes throughout the Police Department's Central building. The piping is beyond its life expectancy and leaking has occurred in several areas. Replacement will prevent service disruption.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	-	\$157,500	-	-	-	-	-	\$157,500
Sum:		-	\$157,500	-	-	-	-	-	\$157,500

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

City Facilities

Police Headquarters Generator (CP0785)

COUNCIL DISTRICT 4

Replace the generator in Police Headquarters building that will provide backup power as well as correct issues to meet City code.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$69,260	\$455,195	-	-	-	-	-	\$524,455
	Environmental Compliance Fee	\$6,612	\$57,310	-	-	-	-	-	\$63,922
Sum:		\$75,871	\$512,505	-	-	-	-	-	\$588,376

Police Headquarters Restroom Renovation (CP0893)

COUNCIL DISTRICT 4

Renovate basement restroom by replacing finishes and plumbing fixtures

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$13,411	\$11,589	-	-	-	-	-	\$25,000
Sum:		\$13,411	\$11,589	-	-	-	-	-	\$25,000

Red Mountain Library Tower Replacement (CP0799)

COUNCIL DISTRICT 5

Evaluate and replace cooling towers at Red Mountain Library with properly sized equipment that can be specified so that space temperature requirements can be met.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$545,811	\$105,189	-	-	-	-	-	\$651,000
Sum:		\$545,811	\$105,189	-	-	-	-	-	\$651,000

Red Mountain Multigenerational Center Chiller Replacement (CP0767)

COUNCIL DISTRICT 5

Replace existing system with a new system that will provide energy savings, reliability, and much needed redundancy for this facility in the event that it is needed for an emergency gathering spot for citizens.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$133,508	\$2,781,365	-	-	-	-	-	\$2,914,873
Sum:		\$133,508	\$2,781,365	-	-	-	-	-	\$2,914,873

Communications

Communications Building Electrical Vulnerability Mitigation (CP0796)

COUNCIL DISTRICT 4

Mitigate an electrical system vulnerability that has been discovered in the Communications Building.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$23,025	\$39,610	-	-	-	-	-	\$62,635
Sum:		\$23,025	\$39,610	-	-	-	-	-	\$62,635

Distributed Antenna System for Phoenix Mesa Gateway Airport (CP0839)

COUNCIL DISTRICT 6

Install an antenna system for the Phoenix Mesa Gateway Airport to improve public safety radio coverage. ☒

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	-	\$272,580	-	-	-	-	-	\$272,580
Sum:		-	\$272,580	-	-	-	-	-	\$272,580

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Communications

Fiber to Radio Network Backbone Sites (CP0092)

CITYWIDE

Improve the infrastructure that provides voice and data services to fire stations and other City facilities over the City's point-to-point microwave radio network.

Fund		Estimated Exp Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2013 Public Safety Bond	\$2,502,713	\$130,000	-	-	-	-	-	\$2,632,713
Sum:		\$2,502,713	\$130,000	-	-	-	-	-	\$2,632,713

Fire Hazard Zone Communication - Mesa Share (CN0071)

CITYWIDE

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

Fund		Estimated Exp Through 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

G-2 Fire Station Alerting System (CP0838)

CITYWIDE

Refurbish the existing fire station alerting system. The alerting system is reaching the end of its support.

Fund		Estimated Exp Through 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	-	\$619,500	-	-	-	-	-	\$619,500
Sum:		-	\$619,500	-	-	-	-	-	\$619,500

Internet Protocol Network Router Expansion - Mesa Share (CN0052)

CITYWIDE

Fund Mesa's cost share to install internet protocol routers for the TOPAZ radio sites. The new routers will provide full network direction/redirection capabilities for the TOPAZ radio sites and mitigate unscheduled impairments to the network.

Fund		Estimated Exp Through 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	-	\$348,470	-	-	-	-	-	\$348,470
Sum:		-	\$348,470	-	-	-	-	-	\$348,470

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 Through 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	-	-	-	-	\$450,802	\$773,203	-	\$1,224,005
Sum:		-	-	-	-	\$450,802	\$773,203	-	\$1,224,005

Public Safety Fiber - Phase II (CP0696)

CITYWIDE

Install underground fiber to support public safety and other City communication needs and strengthen redundancy. This is the second phase to complete the three rings design to better serve the City's needs.

Fund		Estimated Exp Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Future Years (3)	Totals
Capital	2018 Parks Bond	-	\$40,000	-	-	-	-	-	\$40,000
	2018 Public Safety Bond	\$1,900	\$3,000,000	\$2,700,000	\$1,989,032	-	-	-	\$7,690,932
Sum:		\$1,900	\$3,040,000	\$2,700,000	\$1,989,032	-	-	-	\$7,730,932

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Communications

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$938,806	\$342,856	-	-	-	-	-	\$1,281,662
Sum:		\$938,806	\$342,856	-	-	-	-	-	\$1,281,662

Shaw Butte & Florence Gardens Phase II - Mesa 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.

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

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		Through 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		Through 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

System of Systems Network Expansion - Mesa Share (CN0069)

CITYWIDE

Purchase additional licensing to connect to other Public Safety voice networks. Also maintenance costs.

		Estimated Exp					Future Years		
Fund		Through 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

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.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	TOPAZ Joint Venture Fund	-	\$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

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Communications

TOPAZ Internet Protocol Network Router Expansion (CP0755)

CITYWIDE

Purchase and install internet protocol routers for the TOPAZ radio sites. The new routers will provide full network direction/redirection capabilities for the TOPAZ radio sites and mitigate unscheduled impairments to the TOPAZ network.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	TOPAZ Joint Venture Fund	\$243,636	\$220,990	-	-	-	-	-	\$464,626
	Sum:	\$243,636	\$220,990	-	-	-	-	-	\$464,626

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.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	TOPAZ Joint Venture Fund	-	-	-	-	\$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.

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

TOPAZ 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	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	TOPAZ Joint Venture Fund	-	\$287,406	\$287,406	-	-	-	-	\$574,812
	Sum:	-	\$287,406	\$287,406	-	-	-	-	\$574,812

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.

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

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 include land acquisition, a radio tower, equipment shelter, emergency generator, radio/network equipment, and services.

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

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Communications

TOPAZ System of Systems Networking (CP0438)

CITYWIDE

Install system-of-systems networking to allow radio networks to connect automatically with other similar radio networks. This allows radio users to utilize the resources of multiple systems to deliver public safety services efficiently.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	TOPAZ Joint Venture Fund	\$363,871	\$254,073	-	-	-	-	-	\$617,944
	Sum:	\$363,871	\$254,073	-	-	-	-	-	\$617,944

TOPAZ System of Systems Networking Expansion (CP0905)

CITYWIDE

Purchase additional licensing to connect to other Public Safety voice networks. Also maintenance costs.

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

District Cooling

Chiller Redundancy Connections (CP0724)

COUNCIL DISTRICT 4

Equip buildings connected to the district cooling system with temporary chiller hook-ups in the event the district cooling system is unavailable.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	District Cooling	-	\$40,000	-	-	-	-	-	\$40,000
	Sum:	-	\$40,000	-	-	-	-	-	\$40,000

Economic Investment

ASU @ City Center (CP0871)

COUNCIL DISTRICT 4

Construct downtown academic facilities.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Economic Investment Fund	\$1,000,000	\$8,000,000	-	-	-	-	-	\$9,000,000
	Excise Tax Obligation Bond Cons	-	\$33,522,350	\$20,977,650	-	-	-	-	\$54,500,000
	Sum:	\$1,000,000	\$41,522,350	\$20,977,650	-	-	-	-	\$63,500,000

CO+HOOTS @ Benedictine University (CP0946)

COUNCIL DISTRICT 4

Support completion of downtown capital projects.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Economic Investment Fund	-	\$2,000,000	-	-	-	-	-	\$2,000,000
	Sum:	-	\$2,000,000	-	-	-	-	-	\$2,000,000

Downtown Project Support (CP0881)

COUNCIL DISTRICT 4

Support completion of downtown capital projects.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$36,089	\$2,076,118	\$1,048,883	-	-	-	-	\$3,161,090
	Economic Investment Fund	\$6,104	-	-	-	-	-	-	\$6,104
	Sum:	\$42,193	\$2,076,118	\$1,048,883	-	-	-	-	\$3,167,194

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Economic Investment

Innovation Studios @ Mesa City Center (CP0880)

COUNCIL DISTRICT 4

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

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	Capital - General Fund	-	\$620,979	-	-	-	-	-
	Economic Investment Fund	\$32,627	\$5,000,000	\$3,000,000	-	-	-	-
Sum:		\$32,627	\$5,620,979	\$3,000,000	-	-	-	-
								\$8,653,606

Electric

Downtown Electric Improvements - New Services (CP0883)

COUNCIL DISTRICT 4

Install new service connections in support of downtown development.

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	2020 Electric Bond	-	-	\$263,660	\$269,620	\$276,064	\$282,882	-
Sum:		-	-	\$263,660	\$269,620	\$276,064	\$282,882	-
								\$1,092,226

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.

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	2014 Electric Bond	\$1,983,297	\$406,554	-	-	-	-	-
	2020 Electric Bond	-	-	\$895,849	\$903,842	\$925,445	\$948,299	\$13,183
Sum:		\$1,983,297	\$406,554	\$895,849	\$903,842	\$925,445	\$948,299	\$13,183
								\$6,076,469

Electric Distribution Underground (CP0459)

CITYWIDE

Provide various system improvements to include underground conductor installation, cable replacement, vault lid replacement and replacement of miscellaneous devices. These improvements are planned over several fiscal years.

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	2014 Electric Bond	\$926,195	\$887,286	-	-	-	-	-
	2020 Electric Bond	-	-	\$2,636,609	\$2,696,204	\$2,729,273	\$2,796,676	-
Sum:		\$926,195	\$887,286	\$2,636,609	\$2,696,204	\$2,729,273	\$2,796,676	-
								\$12,672,243

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.

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	2014 Electric Bond	-	\$585,586	-	-	-	-	-
	2020 Electric Bond	-	-	\$299,615	\$306,388	\$313,710	\$321,457	-
Sum:		-	\$585,586	\$299,615	\$306,388	\$313,710	\$321,457	-
								\$1,826,756

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.

		Estimated Exp					Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)
Capital	Utility Replacement Extension ar	\$375,020	\$847,885	\$491,482	\$502,591	\$514,603	\$527,311	\$1,661,633
Sum:		\$375,020	\$847,885	\$491,482	\$502,591	\$514,603	\$527,311	\$1,661,633
								\$4,920,525

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Electric

Electric Smart Grid (CP0081)

CITYWIDE

Replace obsolete technology to improve system reliability and improve the ability to identify problems quickly and respond efficiently.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Electric Bond	-	\$207,207	-	-	-	-	\$207,207
	2020 Electric Bond	-	-	\$299,615	\$306,388	\$313,710	\$321,457	\$1,241,170
Sum:		-	\$207,207	\$299,615	\$306,388	\$313,710	\$321,457	\$1,448,377

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.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Electric Bond	\$1,992,633	\$4,721,798	-	-	-	-	\$6,714,431
	2020 Electric Bond	-	-	\$29,962	\$30,639	\$81,565	\$128,584	\$270,750
Sum:		\$1,992,633	\$4,721,798	\$29,962	\$30,639	\$81,565	\$128,584	\$6,985,181

Electric System Improvements (CP0901)

CITYWIDE

Construct improvements to the electric overhead and underground distribution system. This effort will include conduit extension, switches, sectionalizing, and circuit ties.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2020 Electric Bond	-	-	\$191,562	\$195,892	\$200,573	\$205,527	\$793,554
Sum:		-	-	\$191,562	\$195,892	\$200,573	\$205,527	\$793,554

Electric Systems Retirements (CP0591)

CITYWIDE

Replace electric system infrastructure to ensure reliability.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	Electric	\$11,192	\$234,866	\$119,845	\$122,555	\$125,484	\$128,583	\$1,147,708
Sum:		\$11,192	\$234,866	\$119,845	\$122,555	\$125,484	\$128,583	\$1,147,708

Electric Transmission (CP0460)

CITYWIDE

Rebuild the 69kV transmission system. Install new conductors and poles throughout the system over a three-year period. This project will also install fiber optics that will allow for monitoring, control and site security for substation locations.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Electric Bond	\$155	-	-	-	-	-	\$155
	2020 Electric Bond	-	-	\$239,692	\$245,109	-	-	\$484,801
Sum:		\$155	-	\$239,692	\$245,109	-	-	\$484,956

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. These improvements are planned over several fiscal years.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Electric Bond	\$1,001,714	\$3,757,850	-	-	-	-	\$4,759,564
	2020 Electric Bond	-	-	\$1,198,458	\$1,225,547	\$1,254,838	\$1,285,828	\$4,964,671
Sum:		\$1,001,714	\$3,757,850	\$1,198,458	\$1,225,547	\$1,254,838	\$1,285,828	\$9,724,235

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Electric**Substation to Park Conversion (CP0522)****CITYWIDE**

Construct pocket park and solar generation at the former Extension Substation Site.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Electric Bond	\$2,160	-	-	-	-	-	-	\$2,160
	Electric	\$32,726	\$114,455	-	-	-	-	-	\$147,181
Sum:		\$34,886	\$114,455	-	-	-	-	-	\$149,341

Environment and Sustainability**Food to Energy Project (CP0870)****CITYWIDE**

Use inhouse resources and consultants to conduct a study to evaluate the technical and financial feasibility of an anaerobic digestion food waste to energy program and determine whether to move forward with a pilot-scale program.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Environmental Compliance Fee	\$73,988	\$401,244	-	-	-	-	-	\$475,232
Sum:		\$73,988	\$401,244	-	-	-	-	-	\$475,232

Household Hazard Waste Facility (CP0588)**COUNCIL DISTRICT 1**

Construct a permanent HHW facility to better serve city residents.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Solid Waste Bond Construction	\$3,306,260	-	-	-	-	-	-	\$3,306,260
	Environmental Compliance Fee	\$345,556	\$9,769	-	-	-	-	-	\$355,325
Sum:		\$3,651,816	\$9,736	-	-	-	-	-	\$3,661,585

Falcon Field Airport**Airfield Lighting and Signage Upgrade (CP0114)****COUNCIL DISTRICT 5**

Replace runway and taxiway lighting with newer light-emitting diode (LED) lights to reduce electrical and maintenance costs.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$338,367	\$60,705	-	-	-	-	-	\$399,072
	Falcon Field Grants	\$1,529,560	\$251,488	-	-	-	-	-	\$1,781,048
Sum:		\$1,867,927	\$312,193	-	-	-	-	-	\$2,180,120

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		Through 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	\$1,316,765	\$914,957	-	-	-	-	-	\$2,231,722
Sum:		\$1,344,907	\$914,957	-	-	-	-	-	\$2,259,864

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$48,678	\$844,854	\$161,170	\$164,813	\$168,752	\$172,919	\$544,894	\$2,106,080
Sum:		\$48,678	\$844,854	\$161,170	\$164,813	\$168,752	\$172,919	\$544,894	\$2,106,080

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Falcon Field Airport

Delta Taxiway Overlay/Connecting Taxiways (CP0922)

COUNCIL DISTRICT 5

Reconstruct and upgrade the Delta Taxiway and all connecting taxiways.

		Estimated Exp					Future Years		
Fund		Through 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		Through 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		Through 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

Echo Ramp West Overlay (CP0928)

COUNCIL DISTRICT 5

Reconstruct and upgrade Echo Ramp West.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(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.

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

Falcon Field Master Plan (CP0256)

COUNCIL DISTRICT 5

Update the master plan document used to identify the ultimate development of the airport for a twenty year period.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	\$49,416	\$55,751	-	-	-	-	-	\$105,167
	Falcon Field Grants	\$527,461	\$275,543	-	-	-	-	-	\$803,004
Sum:		\$576,877	\$331,294	-	-	-	-	-	\$908,171

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Falcon Field Airport

Falcon Ramp East and Taxiway Bravo (CP0926)

COUNCIL DISTRICT 5

Reconstruct and upgrade Falcon Ramp East and Taxiway Bravo.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
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.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
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.

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

Falcon Tech Center (CP0746)

COUNCIL DISTRICT 5

Complete environmental assessment for the removal of orange grove trees west of the airport to allow for economic development opportunities.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Falcon Field Airport	\$116,667	\$19,510	-	-	-	-	-	\$136,177
Sum:		\$116,667	\$19,510	-	-	-	-	-	\$136,177

High-Speed Exits - Runway 4L/22R (CP0945)

COUNCIL DISTRICT 5

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

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Falcon Field Airport	-	\$117,248	-	-	-	-	-	\$117,248
	Falcon Field Grants	-	\$1,182,752	-	-	-	-	-	\$1,182,752
Sum:		-	\$1,300,000	-	-	-	-	-	\$1,300,000

Higley Ramp East Overlay (CP0921)

COUNCIL DISTRICT 5

Reconstruct and upgrade Higley Ramp East.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
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		Through 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

Pavement Management System Program (CN0073)

COUNCIL DISTRICT 5

Pavement Management System Program

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Falcon Field Airport	-	\$100,000	-	-	-	-	-	\$100,000
Sum:		-	\$100,000	-	-	-	-	-	\$100,000

Runway 4L/22R Overlay (CP0924)

COUNCIL DISTRICT 5

Reconstruct and upgrade Runway 4L/22R.

		Estimated Exp					Future Years		
Fund		Through 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		Through 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		Through 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

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		Through 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	\$4,981,603	\$5,900,000	\$4,500,000	\$5,270,936	\$3,473,224	-	-	\$24,125,763
	Capital - General Fund	-	\$1,150,000	\$1,285,000	\$1,268,028	\$1,738,093	-	-	\$5,441,121
Sum:		\$4,981,603	\$7,050,000	\$5,785,000	\$6,538,964	\$5,211,317	-	-	\$29,566,884

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Fire

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	
	Through 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	\$13,170	\$5,381,140	-	-	-	-	-	\$5,394,310
O&M General Fund	-	-	-	\$630,862	\$313,387	\$320,945	\$1,010,061	\$2,275,255
Public Safety Sales Tax Fire Medi	-	-	\$1,582,835	\$1,627,151	\$1,666,664	\$1,706,614	\$5,273,542	\$11,856,806
Sum:	\$13,170	\$7,881,140	\$4,082,834	\$2,258,013	\$1,980,051	\$2,027,559	\$6,283,603	\$24,526,370

Public Safety Training Facility Burn Tower Renovation (CP0858)

COUNCIL DISTRICT 5

Repair and replace outdated burn tower building components.

Fund	Estimated Exp						Future Years	
	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital 2008 Public Safety Bond	\$428,502	-	-	-	-	-	-	\$428,502
2013 Public Safety Bond	\$176,965	\$232,400	-	-	-	-	-	\$409,365
Sum:	\$605,468	\$232,400	-	-	-	-	-	\$837,868

Public Safety Training Facility Improvements: Burn Room (CP0096)

COUNCIL DISTRICT 5

Remodel the existing burn room and expand the facilities to allow for training involving other combustible material such as natural gas.

Fund	Estimated Exp						Future Years	
	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital 2013 Public Safety Bond	\$448,591	\$1,070,000	-	-	-	-	-	\$1,518,591
Sum:	\$448,591	\$1,070,000	-	-	-	-	-	\$1,518,591

General Government

Oakwood Creative Care Facility Improvements (CP0878)

COUNCIL DISTRICT 5

Replace air walls with framed in walls, update the kitchen area, and replace flooring at the Oakwood Creative Care.

Fund	Estimated Exp						Future Years	
	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital Community Development Block	\$3,174	\$42,800	-	-	-	-	-	\$45,974
Sum:	\$3,174	\$42,800	-	-	-	-	-	\$45,974

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	
	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(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 Signal Cabinet and Controllers Upgrade in East Mesa (CP0653)

CITYWIDE

Install citywide new traffic signal cabinets and controllers to more effectively manage traffic.

Fund	Estimated Exp						Future Years	
	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital Grants - Gen. Gov.	\$6,134	\$1,142,866	-	-	-	-	-	\$1,149,000
Local Streets Fund	\$87,148	\$751,251	-	-	-	-	-	\$838,399
Sum:	\$93,283	\$1,894,117	-	-	-	-	-	\$1,987,400

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Intelligent Transportation System

Traffic Signals - New and Upgrade (CP0586)

CITYWIDE

Install new signals and upgrade existing signals.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital - General Fund	\$168,168	\$131,919	-	-	-	-	-	\$300,087
	Local Streets Fund	\$1,954,086	\$4,274,496	\$1,611,182	\$1,647,600	\$1,686,978	\$1,728,639	\$5,447,189	\$18,350,170
O&M	Highway User Revenue Fund	-	-	-	-	-	-	-	-
	Local Streets Fund	-	\$27,750	\$28,397	\$29,038	\$29,732	\$30,467	\$96,005	\$241,389
Sum:		\$2,122,254	\$4,434,165	\$1,639,579	\$1,676,638	\$1,716,710	\$1,759,106	\$5,543,194	\$18,891,646

Traffic Signals - Public Safety Opticom (CP0702)

CITYWIDE

Install public safety opticom technology on traffic signals.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$89,219	\$811,606	\$102,330	\$104,643	\$107,144	\$109,790	\$345,964	\$1,670,696
O&M	Local Streets Fund	-	\$20,000	\$20,466	\$20,929	\$21,429	\$21,958	\$69,192	\$173,974
Sum:		\$89,219	\$831,606	\$122,796	\$125,572	\$128,573	\$131,748	\$415,156	\$1,844,670

Library

Dobson Library Improvements (CP0903)

COUNCIL DISTRICT 3

Construct facade improvements and new programming space.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$646	\$500,000	\$1,000,000	-	-	-	-	\$1,500,646
O&M	General Fund	-	\$370,064	\$299,469	\$306,564	\$313,895	\$321,399	\$1,011,092	\$2,651,955
Sum:		\$646	\$899,536	\$1,299,469	\$306,564	\$313,895	\$321,399	\$1,011,092	\$4,152,601

Main Library 2nd Floor Workspace Improvements (CP0888)

COUNCIL DISTRICT 4

Improvements to office and workspace on the second floor of the Main Library.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Restricted Programs Fund	\$2,219	\$261,870	-	-	-	-	-	\$264,089
Sum:		\$2,219	\$261,870	-	-	-	-	-	\$264,089

Main Library Improvements (CP0904)

COUNCIL DISTRICT 4

Construct new programming space.

		Estimated Exp						Future Years	
Fund		Through 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:		-	\$777,000	\$1,020,466	\$20,928	\$21,429	\$21,958	\$69,193	\$1,930,974

Monarch Haven and Reading Sanctuary (CP0892)

COUNCIL DISTRICT 5

Create an outdoor space at the Red Mountain Library for use by library patrons and the surrounding community

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Grants - Gen. Gov.	\$376	\$80,835	-	-	-	-	-	\$81,211
Sum:		\$376	\$80,835	-	-	-	-	-	\$81,211

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Library

Southeast Neighborhood Library (CP0429)

COUNCIL DISTRICT 6

Provide library services to the citizens of southeast Mesa.

		Estimated Exp						Future Years	
Fund		Through 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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$148	-	-	\$397,807	\$2,332,022	\$2,080,670	-	\$4,810,647
O&M	Arts & Culture Fund	-	-	-	-	-	-	\$134,926	\$134,926
Sum:		\$148	-	-	\$397,807	\$2,332,022	\$2,080,670	\$134,926	\$4,945,573

Natural Gas Aging Infrastructure

Country Club Drive and Brown Road Intersection (CP0060)

COUNCIL DISTRICT 1

Replace utility lines in the intersection to prevent service disruption.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$13,158	\$136,869	-	-	-	\$150,027
Sum:		-	-	\$13,158	\$136,869	-	-	-	\$150,027

Gas Aging Infrastructure Replacement (CP0483)

CITYWIDE

Replace necessary gas system infrastructure identified during the annual survey.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$3,787,444	\$3,245,445	-	-	-	-	-	\$7,032,889
	2020 Gas Bond	-	-	\$3,558,776	\$3,586,885	\$3,795,201	\$3,955,816	-	\$14,896,678
Sum:		\$3,787,444	\$3,245,445	\$3,558,776	\$3,586,885	\$3,795,201	\$3,955,816	-	\$21,929,567

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.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Natural Gas	\$351,178	\$202,517	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,455,345
Sum:		\$351,178	\$202,517	\$119,845	\$122,555	\$125,484	\$128,583	\$405,183	\$1,455,345

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.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$3,114	\$813,847	-	-	-	-	-	\$816,961
	2020 Gas Bond	-	-	\$672,023	\$734,586	\$802,456	\$877,279	-	\$3,086,344
Sum:		\$3,114	\$813,847	\$672,023	\$734,586	\$802,456	\$877,279	-	\$3,903,305

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas Aging Infrastructure

Gas Meters: New and Replacement (CP0711)

CITYWIDE

Install gas meters citywide.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$1,510,300	\$483,425	-	-	-	-	-	\$1,993,725
	2020 Gas Bond	-	-	\$496,947	\$506,829	\$532,591	\$560,128	-	\$2,096,495
Sum:		\$1,510,300	\$483,425	\$496,947	\$506,829	\$532,591	\$560,128	-	\$4,090,220

Gas Meters: New and Replacement (CP0496)

CITYWIDE

Install gas meters citywide.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Natural Gas	\$2,073	-	-	-	-	-	-	\$2,073
	Utility Replacement Extension ar	\$1,016,432	\$873,099	\$496,947	\$506,829	\$532,591	\$560,128	\$1,207,632	\$5,193,658
Sum:		\$1,018,505	\$873,099	\$496,947	\$506,829	\$532,591	\$560,128	\$1,207,632	\$5,195,731

High Pressure Gas Main Installations (CP0442)

CITYWIDE

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$124,109	\$1,708,962	-	-	-	-	-	\$1,833,071
	2020 Gas Bond	-	-	\$930,763	\$999,391	\$1,074,440	\$1,156,023	-	\$4,160,617
Sum:		\$124,109	\$1,708,962	\$930,763	\$999,391	\$1,074,440	\$1,156,023	-	\$5,993,688

McKellips Road Gas Line: Lindsay to Val Vista (C10374)

COUNCIL DISTRICT 1

Install high and intermediate pressure gas main to ensure operational integrity of the natural gas system.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	\$120,883	\$1,472,677	-	-	\$1,593,560
Sum:		-	-	-	\$120,883	\$1,472,677	-	-	\$1,593,560

McKellips Road Improvements at Recker & Power Intersections (CP0063)

COUNCIL DISTRICT 5

Construct six through lanes and dual left turn lanes along McKellips Road at both intersections to provide adequate capacity and improved safety. Utility work needs to be completed in advance of street improvements.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	-	\$50,194	\$514,331	-	\$564,525
Sum:		-	-	-	-	\$50,194	\$514,331	-	\$564,525

McKellips Road Natural Gas Line: Country Club to Loop 202 (CP0221)

COUNCIL DISTRICT 1

Purchase and install intermediate pressure gas main for service along McKellips Road.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$28,015	\$338,037	-	-	-	\$366,052
Sum:		-	-	\$28,015	\$338,037	-	-	-	\$366,052

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas Aging Infrastructure

Replace Aging Utility Infrastructure (CP0649)

CITYWIDE

Replace less efficient utility lines or lines that are beyond their support lifecycle. Timely replacement will help avoid service disruptions.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	-	\$162,980	\$1,880,821	-	\$2,043,801
	2020 Wastewater Bond	-	-	-	-	\$592,309	\$6,676,537	-	\$7,268,846
	2020 Water Bond	-	-	-	-	\$568,657	\$5,943,543	-	\$6,512,200
	Sum:	-	-	-	-	\$1,323,946	\$14,500,901	-	\$15,824,847

Rio Salado Parkway Utility Line Replacement (C10385)

COUNCIL DISTRICT 1

Replace intermediate pressure gas main to ensure operational integrity of the natural gas system in Mesa. ☐

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$77,973	-	-	-	-	\$77,973
	2020 Water Bond	-	-	\$449,174	-	-	-	-	\$449,174
	Sum:	-	-	\$527,147	-	-	-	-	\$527,147

Stapley Road Utility Line: University to McKellips (CP0219)

CITYWIDE

Replace gas line along Stapley Drive to ensure operational reliability of the natural gas system.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$93,610	\$2,215,296	-	-	-	\$2,308,906
	Sum:	-	-	\$93,610	\$2,215,296	-	-	-	\$2,308,906

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		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Gas Bond	-	\$79,032	-	-	-	-	-	\$79,032
	2020 Gas Bond	-	-	\$863,318	-	-	-	-	\$863,318
	Sum:	-	\$79,032	\$863,318	-	-	-	-	\$942,350

Utility Line Replacement in Quarter Section 19D (C10587)

COUNCIL DISTRICT 1

Replace aging main and service lines in plat quarter section 19D. ☐

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	-	-	\$1,279,947	-	\$1,279,947
	Sum:	-	-	-	-	-	\$1,279,947	-	\$1,279,947

Utility Line Replacement in Quarter Section 36B (C10386)

CITYWIDE

Replace aging main and service lines in plat quarter section 36B. The boundaries for plat quarter sections 36B are 8th Street to University/Horne.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$37,017	\$636,867	-	-	-	\$673,884
	Sum:	-	-	\$37,017	\$636,867	-	-	-	\$673,884

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas Aging Infrastructure

Utility Line Replacement in Quarter Section 37C (C10588)

COUNCIL DISTRICT 4

Replace aging main and service lines in plat quarter section 37C.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	-	\$1,338,577	-	\$1,338,577
Sum:		-	-	-	-	-	\$1,338,577	-	\$1,338,577

Utility line Replacement in Quarter Section 45A & 45C (C10589)

COUNCIL DISTRICT 4

Replacement of aging main and service lines in plat quarter section 45A and 45C.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	-	\$3,837,065	-	\$3,837,065
Sum:		-	-	-	-	-	\$3,837,065	-	\$3,837,065

Utility Line Replacement in Quarter Sections 12B & 12D (C10584)

COUNCIL DISTRICT 3

Replace aging main and service lines in plat quarter section 12B and 12D.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	\$305,578	\$5,384,638	-	\$5,690,216
	2020 Wastewater Bond	-	-	-	-	\$599,264	\$6,754,922	-	\$7,354,186
Sum:		-	-	-	-	\$904,842	\$12,139,560	-	\$13,044,402

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	-	\$435,521	\$6,645,682	\$7,081,203
Sum:		-	-	-	-	-	\$435,521	\$6,645,682	\$7,081,203

Utility Line Replacement in Quarter Sections 20A & 20B (C10381)

COUNCIL DISTRICT 1

Replace aging main and service lines in plat quarter section 20A and 20B.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	\$76,409	\$1,280,770	-	-	-	\$1,357,179
	2020 Water Bond	-	-	\$691,273	\$7,210,362	-	-	-	\$7,901,635
Sum:		-	-	\$767,682	\$8,491,132	-	-	-	\$9,258,814

Utility Line Replacement Quarter Section 21D, Clark, Pepper (C10382)

COUNCIL DISTRICT 4

Replace aging main and service lines in plat quarter section 21D.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	\$56,456	\$964,856	-	\$1,021,312
	2020 Water Bond	-	-	-	-	\$486,323	\$5,083,001	-	\$5,569,324
Sum:		-	-	-	-	\$542,779	\$6,047,857	-	\$6,590,636

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas Aging Infrastructure

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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Gas Bond	-	-	-	-	-	-	-	-
	2014 Gas Bond	-	\$1,886,996	-	-	-	-	-	\$1,886,996
	Sum:	-	\$1,886,996	-	-	-	-	-	\$1,886,996

Utility Main Replacements (CP0023)

COUNCIL DISTRICT 4

Replace large utility transmission mains that have reached the end of their support lifecycle. Replacing these lines will help avoid service disruptions.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	\$355,582	-	-	-	-	\$355,582
	Sum:	-	-	\$355,582	-	-	-	-	\$355,582

Warner Road Utility Infrastructure: Power to Sossaman (C10562)

COUNCIL DISTRICT 6

Replace aging infrastructure to avoid service disruption in the area.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$111,073	\$1,169,912	-	-	-	\$1,280,985
	Sum:	-	-	\$111,073	\$1,169,912	-	-	-	\$1,280,985

Natural Gas Growth

Gantzel Road Phase II: Queen Creek Wash to Ocotillo Rd. (CP0519)

MAGMA

Increase the ability of the existing Gantzel Gate Station to feed the northern half of the Magma System. This second phase of the project will increase the flow capacity of the high pressure system north on Gantzel to Ocotillo Rd.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	-	\$2,214,790	-	-	\$2,214,790
	Sum:	-	-	-	-	\$2,214,790	-	-	\$2,214,790

Gantzel Road & 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.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	-	\$400,023	-	-	-	-	-	\$400,023
	2020 Gas Bond	-	-	-	\$7,325,097	-	-	-	\$7,325,097
	Sum:	-	\$400,023	-	\$7,325,097	-	-	-	\$7,725,120

Gas - Customer Upgrades (CP0890)

CITYWIDE

Upgrade meters and or services per customer requests

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Natural Gas	\$23,995	\$1,386,857	\$778,998	\$796,607	\$815,645	\$835,789	\$2,633,689	\$7,271,580
	Sum:	\$23,995	\$1,386,857	\$778,998	\$796,607	\$815,645	\$835,789	\$2,633,689	\$7,271,580

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas Growth

Gas New Mains (CP0481)

CITYWIDE

Extend gas mains and services to new subdivisions.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$3,262,717	\$5,365,953	-	-	-	-	-	\$8,628,670
	2020 Gas Bond	-	-	\$4,496,935	\$4,828,512	\$5,191,110	\$5,585,273	-	\$20,101,830
Sum:		\$3,262,717	\$5,365,953	\$4,496,935	\$4,828,512	\$5,191,110	\$5,585,273	-	\$28,730,500

Gas New Services (CP0480)

CITYWIDE

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Gas Bond	\$3,990,996	\$4,580,022	-	-	-	-	-	\$8,571,018
	2020 Gas Bond	-	-	\$3,051,489	\$3,276,487	\$3,522,537	\$3,790,006	-	\$13,640,519
Sum:		\$3,990,996	\$4,580,022	\$3,051,489	\$3,276,487	\$3,522,537	\$3,790,006	-	\$22,211,537

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

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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Gas Bond	\$2,951	-	-	-	-	-	-	\$2,951
	2014 Gas Bond	-	-	\$562,075	-	-	-	-	\$562,075
Sum:		\$2,951	-	\$562,075	-	-	-	-	\$565,026

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Natural Gas System Reinforcement

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		Through 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
	2020 Gas Bond	-	-	\$68,073	\$70,810	\$73,748	\$76,870	-	\$289,501
Sum:		\$23,657	\$86,591	\$68,073	\$70,810	\$73,748	\$76,870	-	\$399,749

Parks & Recreation

Crismon & Elliot Basin (CP0930)

COUNCIL DISTRICT 6

Construct parking improvements to support drop in sports and recreational uses.

		Estimated Exp					Future Years		Totals
Fund		Through 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

Cubs Facility Improvements (CP0723)

COUNCIL DISTRICT 1

Improve or upgrade Sloan Park and/or the Under Armor Performance Training Center for monument and directional signage around the site.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Spring Training Bond Constructic	\$302,804	\$27,025	-	-	-	-	-	\$329,829
Sum:		\$302,804	\$27,025	-	-	-	-	-	\$329,829

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		Through 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

Eagles Park (CP0211)

COUNCIL DISTRICT 2

Construct a community park on the former Mesa Junior High property with lighted multi-use/soccer fields, picnic ramadas, exercise stations, and a playground.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	\$3,411,350	\$3,220,000	-	-	-	-	-	\$6,631,350
	Capital - General Fund	\$84,665	\$10,222	-	-	-	-	-	\$94,887
	Community Development Block	\$1,150,000	-	-	-	-	-	-	\$1,150,000
	Grants - Gen. Gov.	-	\$49,345	-	-	-	-	-	\$49,345
	Local Streets Fund	\$1,989,857	\$788,591	-	-	-	-	-	\$2,778,448
	Neighborhood Stabilization Prog	\$2,600,000	-	-	-	-	-	-	\$2,600,000
Sum:		\$9,235,871	\$4,068,158	-	-	-	-	-	\$13,304,029

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Parks & Recreation

Federal Building Renovation (CP0213)

COUNCIL DISTRICT 1

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

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	\$611,265	\$4,326,000	-	-	-	-	-	\$4,937,265
	2018 Parks Bond	\$200,000	\$1,000,000	\$1,500,000	\$497,259	-	-	-	\$3,197,259
O&M	General Fund	-	-	-	\$290,049	\$211,398	\$216,616	\$682,396	\$1,400,459
Sum:		\$811,265	\$5,326,000	\$1,500,000	\$787,308	\$211,398	\$216,616	\$682,396	\$9,534,983

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		Through 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

Kleinman Park (CP0553)

COUNCIL DISTRICT 4

Improve existing amenities at Kleinman Park to address aging equipment and systems.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	\$1,460,487	-	-	-	-	-	-	\$1,460,487
	Capital - General Fund	\$14,032	-	-	-	-	-	-	\$14,032
	Community Development Block	\$249,404	\$596	-	-	-	-	-	\$250,000
	Grants - Gen. Gov.	\$99,983	-	-	-	-	-	-	\$99,983
Sum:		\$1,823,907	\$596	-	-	-	-	-	\$1,824,503

Marlborough Mesa Park Playground (CP0942)

COUNCIL DISTRICT 3

Installation of new play structures, ADA access to the playground, and a playground shade structure.

		Estimated Exp					Future Years		Totals
Fund		Through 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, parking spaces, and restrooms adjacent to the existing park near Power & Guadalupe.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$1,003,614	\$1,000,000	\$3,000,001	\$4,475,323	\$2,778,579	-	-	\$12,257,517
O&M	General Fund	-	-	-	-	\$914,768	\$467,695	\$1,543,135	\$2,925,598
Sum:		\$1,003,614	\$1,000,000	\$3,000,001	\$4,475,323	\$3,693,347	\$467,695	\$1,543,135	\$15,183,115

North Center Street (CP0915)

COUNCIL DISTRICT 1

Construct 6 lighted soccer fields, parking improvements, and restrooms.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$3,800,858	\$1,000,000	\$4,400,000	\$4,972,581	-	-	-	\$14,173,439
O&M	General Fund	-	-	-	-	\$469,574	\$396,779	\$1,303,538	\$2,169,891
Sum:		\$3,800,858	\$1,000,000	\$4,400,000	\$4,972,581	\$469,574	\$396,779	\$1,303,538	\$16,343,330

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Parks & Recreation

Palo Verde Park Playground (CP0941)

COUNCIL DISTRICT 3

Install new play structures, ADA access to the playground, and a playground shade structure.

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

Parks Irrigation Controllers (CN0009)

CITYWIDE

Upgrade existing irrigation controllers throughout the City's park system which are reaching the end of their service life.

Installation of the new controllers will take place in phases.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	-	-	-	-	-	-	-	-
	Capital - General Fund	\$400,645	\$352,455	-	-	-	-	-	\$753,100
Sum:		\$400,645	\$352,455	-	-	-	-	-	\$753,100

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		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	\$191,407	\$5,500,000	\$2,000,000	-	-	-	-	\$7,691,407
	Capital - General Fund	\$175	\$383,335	-	-	-	-	-	\$383,510
O&M	General Fund	-	-	\$489,146	\$203,641	\$216,057	\$300,688	\$947,883	\$2,157,415
Sum:		\$191,582	\$5,883,335	\$2,489,146	\$203,641	\$216,057	\$300,688	\$947,883	\$10,232,332

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		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(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
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 restrooms.

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

Riverview Irrigation Filter Upgrade (CP0784)

COUNCIL DISTRICT 1

Install properly sized filters at Riverview Park that will work with the irrigation components.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Cubs Spring Training Facility	\$154,280	\$48,926	-	-	-	-	-	\$203,206
Sum:		\$154,280	\$48,926	-	-	-	-	-	\$203,206

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Parks & Recreation

Signal Butte Park Phase I (CP0121)

COUNCIL DISTRICT 6

Construct a metro park on land surrounding the water treatment plant at Elliot Road and Signal Butte. Initial phase includes trails and interpretive opportunities explaining the story of water in the desert along with parking.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2012 Park Bond	\$127,982	\$1,300,000	-	-	-	-	-	\$1,427,982
	2014 Water Bond	\$38,706	-	-	-	-	-	-	\$38,706
	Highway User Revenue Fund	\$8,148	\$712	-	-	-	-	-	\$8,860
	Transportation	-	\$209,488	-	-	-	-	-	\$209,488
O&M	Environmental Compliance Fee	-	-	-	-	-	-	-	-
	General Fund	-	-	-	-	-	-	-	-
Sum:		\$174,836	\$1,510,200	-	-	-	-	-	\$1,685,036

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		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Parks Bond	-	-	\$500,000	\$2,088,484	\$2,381,640	-	-	\$4,970,124
O&M	General Fund	-	-	-	-	-	\$1,216,484	\$2,369,147	\$3,585,631
Sum:		-	-	\$500,000	\$2,088,484	\$2,381,640	\$1,216,484	\$2,369,147	\$8,555,755

Police

Advocacy Center Interview Suite Sound Attenuation Upgrades (CP0747)

CITYWIDE

Renovate four existing interview rooms to provide sound proofing. This will assist in maintaining confidentiality throughout the adjacent rooms.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Capital - General Fund	\$87,699	\$15,564	-	-	-	-	-	\$103,263
Sum:		\$87,699	\$15,564	-	-	-	-	-	\$103,263

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2018 Public Safety Bond	\$2,506,185	\$3,000,000	\$4,000,000	\$11,238,033	\$16,076,066	-	-	\$36,820,284
O&M	General Fund	-	-	-	-	-	\$1,842,421	\$3,735,855	\$5,578,276
	Public Safety Sales Tax Fire Medi	-	-	-	-	\$1,581,696	\$1,620,288	\$5,273,542	\$8,475,526
Sum:		\$2,506,185	\$3,000,000	\$4,000,000	\$11,238,033	\$17,657,762	\$3,462,709	\$9,009,397	\$50,874,086

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		Through 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	-	-	-	-	-	-	\$1,197,036	\$1,197,036
	Public Safety Sales Tax Fire Medi	-	-	-	-	-	-	\$1,209,724	\$1,209,724
	Public Safety Sales Tax Police	-	-	-	-	-	-	\$1,010,540	\$1,010,540
Sum:		-	-	-	-	\$496,175	\$2,476,988	\$10,345,103	\$13,318,266

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Shared Use Paths

Bike and Pedestrian Pilot projects (CP0531)

CITYWIDE

Improve the City's multi-model transportation system.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$82,591	\$615,914	-	-	-	-	-	\$698,505
Sum:		\$82,591	\$615,914	-	-	-	-	-	\$698,505

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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	-	\$180,000	\$620,000	\$994,516	-	-	-	\$1,794,516
O&M	Environmental Compliance Fee	-	-	-	-	\$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

Eastern Canal Shared-Use Path: Lindsay to Brown (CP0867)

COUNCIL DISTRICT 1

Install a paved pathway from Lindsay to Brown and putting in a signal on McKellips and Lindsay.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$114,699	\$1,300,956	-	-	-	-	-	\$1,415,655
Sum:		\$114,699	\$1,300,956	-	-	-	-	-	\$1,415,655

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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2018 Parks Bond	\$200,000	\$2,000,000	\$2,100,000	\$1,292,872	-	-	-	\$5,592,872
O&M	Environmental Compliance Fee	-	-	-	\$2,093	\$2,143	\$2,196	\$6,919	\$13,351
	Local Streets Fund	-	-	-	\$4,185	\$4,285	\$4,392	\$13,839	\$26,701
Sum:		\$200,000	\$2,000,000	\$2,100,000	\$1,299,150	\$6,428	\$6,588	\$20,758	\$5,632,924

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	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Grants - Gen. Gov.	-	-	\$2,079,984	-	-	-	-	\$2,079,984
	Local Streets Fund	\$73,704	\$304,124	\$2,745,990	-	-	-	-	\$3,123,818
O&M	Environmental Compliance Fee	-	-	-	\$2,093	\$2,143	\$2,196	\$11,587	\$18,019
	Local Streets Fund	-	-	-	\$4,185	\$4,285	\$4,392	\$23,175	\$36,037
Sum:		\$73,704	\$304,124	\$4,825,974	\$6,278	\$6,428	\$6,588	\$34,762	\$5,257,858

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Shared Use Paths

South Canal Shared-Use Path: Consolidated Canal to McKellips (CP0671)

COUNCIL DISTRICT 5

Construct shared-use path resolving a missing link in the regional non-motorized system.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Street Bond	-	-	\$2,116,675	\$53,390	-	-	-	\$2,170,065
	Grants - Gen. Gov.	-	\$2,003,013	-	\$1,067,789	-	-	-	\$3,070,802
	Local Streets Fund	\$98,245	\$522,952	-	-	-	-	-	\$621,197
O&M	Environmental Compliance Fee	-	-	-	-	\$2,143	\$2,196	\$6,919	\$11,258
	Local Streets Fund	-	-	-	-	\$4,285	\$4,392	\$13,839	\$22,516
Sum:		\$98,245	\$2,525,965	\$2,116,675	\$1,121,179	\$6,428	\$6,588	\$20,758	\$5,895,838

Storm Sewer

10th Avenue and Sistine Drainage (CP0558)

COUNCIL DISTRICT 4

Construct storm drainage improvements to prevent neighborhood flooding. Flat streets lack capacity, conveyance, and tops over sidewalks and floods homes that are built at grade finished floors.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Water Bond	\$18,070	-	-	-	-	-	-	\$18,070
	Highway User Revenue Fund	\$315	\$697,000	-	-	-	-	-	\$697,315
	Local Streets Fund	\$12,304	-	-	-	-	-	-	\$12,304
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$30,689	\$699,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$745,087

64th Street and Halifax Drainage (CP0817)

COUNCIL DISTRICT 5

Install a new storm drain system in 64th Street to capture flows from county islands that cause flooding.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Grants - Gen. Gov.	-	\$250,000	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	\$15,553	\$820,119	-	-	-	-	-	\$835,672
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$15,553	\$1,072,119	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$1,103,070

Broadway Road and Lazona Drainage (CP0743)

COUNCIL DISTRICT 4

Install storm drain pipes in Broadway Road and Lazona Street to capture flows that otherwise create drainage issues for the neighborhood and ultimately flood the intersection of Broadway and Stapley.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Grants - Gen. Gov.	-	\$250,000	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	\$42,156	\$1,281,894	-	-	-	-	-	\$1,324,050
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$42,156	\$1,533,894	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$1,591,448

Gilbert Road & Hackamore Drainage (CP0744)

COUNCIL DISTRICT 3

Install storm drain pipes at Gilbert Road and Hackamore Circle to capture flows that otherwise create drainage issues for the neighborhood.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Grants - Gen. Gov.	\$198,357	\$51,643	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	\$261,458	\$100,000	-	-	-	-	-	\$361,458
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$459,816	\$153,643	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$628,857

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Storm Sewer

Horne Storm Drain System (CP0557)

COUNCIL DISTRICT 4

Construct a new storm drain system in Horne Rd that will connect to an existing storm drain in Southern Ave. Improvements will be done over three phases to provide better drainage to the neighborhoods surrounding Horne.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Highway User Revenue Fund	\$877,106	\$1,680,000	-	-	-	-	-	\$2,557,106
	Local Streets Fund	\$995,747	-	-	-	-	-	-	\$995,747
O&M	Environmental Compliance Fee	-	\$42,000	\$42,979	\$43,950	\$45,001	\$46,112	\$98,077	\$318,119
Sum:		\$1,872,853	\$1,722,000	\$42,979	\$43,950	\$45,001	\$46,112	\$98,077	\$3,870,972

Lehi Area Drainage Improvement Project (CP0567)

COUNCIL DISTRICT 2

Install storm drain in Lehi Road from Center Street eastward to address drainage issues.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Street Bond	-	-	-	\$1,162,356	\$6,403,595	\$5,068,721	-	\$12,634,672
	Environmental Compliance Fee	\$19,821	\$262,500	-	-	-	-	-	\$282,321
	Highway User Revenue Fund	-	-	-	-	-	-	-	-
	Local Streets Fund	-	-	-	-	-	-	-	-
O&M	Environmental Compliance Fee	-	-	-	-	-	-	\$6,919	\$6,919
Sum:		\$19,821	\$262,500	-	\$1,162,356	\$6,403,595	\$5,068,721	\$6,919	\$12,923,912

Main Street and Maple Drainage (CP0741)

COUNCIL DISTRICT 2

Extend a storm drain pipe with catch basins along Sulley and Maple Street to capture overflow from an adjacent basin that overflows during storm events.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Environmental Compliance Fee	\$113,608	-	-	-	-	-	-	\$113,608
	Grants - Gen. Gov.	\$203,720	-	-	-	-	-	-	\$203,720
	Highway User Revenue Fund	\$83,420	\$234,742	-	-	-	-	-	\$318,162
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$400,749	\$236,742	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$652,889

Royal Palms Drainage (CP0556)

COUNCIL DISTRICT 1

Construct flap gates on manholes and a relief line to Candlelight Park. Flooding caused by retention in the golf course backing up into the cul de sac and flooding homes.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Local Streets Fund	\$23,522	\$162,444	-	-	-	-	-	\$185,966
Sum:		\$23,522	\$162,444	-	-	-	-	-	\$185,966

Skyview Drainage (CP0745)

COUNCIL DISTRICT 5

Install a storm drain system to capture flows that currently flood neighborhood streets. The flows will be directed to a City of Mesa owned basin that will be expanded to handle additional capacity.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Grants - Gen. Gov.	\$250,000	-	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	\$802,291	\$123,283	-	-	-	-	-	\$925,574
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$1,052,291	\$125,283	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$1,192,972

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Storm Sewer

Somerset Drainage (CP0819)

COUNCIL DISTRICT 2

Rehabilitate the storm drain system to alleviate flooding that has historically happened.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Grants - Gen. Gov.	-	\$250,000	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	-	\$664,364	-	-	-	-	-	\$664,364
Sum:		-	\$914,364	-	-	-	-	-	\$914,364

Sossaman and Main Drainage Ditch (CP0790)

COUNCIL DISTRICT 5

Rehabilitate a drainage channel located on the east side of Sossaman Road south of Main Street. The existing concrete lining is in poor condition and is cracked, broken or missing in several locations.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Environmental Compliance Fee	\$143,620	\$144,964	-	-	-	-	-	\$288,584
Sum:		\$143,620	\$144,964	-	-	-	-	-	\$288,584

Storm Drain Pump Stations (CP0491)

COUNCIL DISTRICT 1

Rehabilitate aging storm drain pump stations.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Street Bond	-	-	\$1,611,698	\$1,648,127	\$1,687,518	\$1,729,193	\$1,772,773	\$8,449,309
	Environmental Compliance Fee	-	\$3,785,903	-	-	-	-	-	\$3,785,903
O&M	Environmental Compliance Fee	\$184,365	\$5,000	\$5,117	\$5,232	\$5,357	\$5,490	\$17,299	\$227,860
Sum:		\$184,365	\$3,790,903	\$1,616,815	\$1,653,359	\$1,692,875	\$1,734,683	\$1,790,072	\$12,463,072

Venture Out Drainage (CP0818)

COUNCIL DISTRICT 2

Extend the existing line and add two new points of access on Broadway Road where flow from Venture Out will enter the line.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Environmental Compliance Fee	-	\$193,795	-	-	-	-	-	\$193,795
	Grants - Gen. Gov.	\$306	\$249,694	-	-	-	-	-	\$250,000
	Highway User Revenue Fund	\$133,311	\$1,000,000	-	-	-	-	-	\$1,133,311
O&M	Environmental Compliance Fee	-	\$2,000	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$17,398
Sum:		\$133,617	\$1,445,489	\$2,047	\$2,093	\$2,143	\$2,196	\$6,919	\$1,594,504

Streets

1st Avenue Improvements (CP0279)

COUNCIL DISTRICT 4

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

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2013 Street Bond	\$288,807	\$2,500,000	-	-	-	-	-	\$2,788,807
	2014 Electric Bond	\$2,928	\$660,001	-	-	-	-	-	\$662,929
	2014 Gas Bond	\$2,436	-	-	-	-	-	-	\$2,436
	2014 Wastewater Bond	\$102	\$19,227	\$193,226	-	-	-	-	\$212,555
	2014 Water Bond	\$6,036	\$116,783	\$991,774	-	-	-	-	\$1,114,593
	Local Streets Fund	-	\$1,000,000	-	-	-	-	-	\$1,000,000
Sum:		\$300,309	\$4,296,011	\$1,185,000	-	-	-	-	\$5,781,320

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

1st Avenue Improvements Phases 2 - 4 (CP0929)

COUNCIL DISTRICT 4

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

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Electric Bond	-	-	-	\$2,282,023	-	-	-	\$2,282,023
	2020 Gas Bond	-	-	-	\$2,125,223	-	-	-	\$2,125,223
	2020 Street Bond	-	-	\$528,023	\$5,191,383	-	-	-	\$5,719,406
	2020 Wastewater Bond	-	-	-	\$519,671	-	-	-	\$519,671
	2020 Water Bond	-	-	-	\$1,982,193	-	-	-	\$1,982,193
O&M	Environmental Compliance Fee	-	-	-	-	\$3,413	\$3,498	\$11,023	\$17,934
	Local Streets Fund	-	-	-	-	\$10,162	\$10,413	\$32,815	\$53,390
Sum:		-	-	\$528,023	\$12,100,493	\$13,575	\$13,911	\$43,838	\$12,699,840

Arterial Reconstruction (CP0439)

CITYWIDE

Reconstruct arterial street segments that are at the end of their life cycle and can no longer be maintained by conventional means. Concurrent work will include upgrades to any concrete ramps, driveways and sidewalks to current ADA standards.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2008 Street Bond	\$231,987	-	-	-	-	-	-	\$231,987
	2010 Gas Bond	\$26,175	-	-	-	-	-	-	\$26,175
	2013 Street Bond	\$12,161,008	\$2,050,000	-	-	-	-	-	\$14,211,008
	2014 Water Bond	\$1,230,644	-	-	-	-	-	-	\$1,230,644
	Utility Replacement Extension ar	\$54,134	\$12,206	-	-	-	-	-	\$66,340
Sum:		\$13,703,948	\$2,062,206	-	-	-	-	-	\$15,766,154

Arterial Reconstruction (CP0861)

CITYWIDE

Reconstruct arterial street segments that are at the end of their life cycle and can no longer be maintained by conventional means. Concurrent work will include upgrades to any concrete ramps, driveways and sidewalks to current ADA standards.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Street Bond	-	-	\$85,957	\$4,120,319	\$19,355,831	\$19,683,975	\$8,573,528	\$51,819,610
	2020 Water Bond	-	-	\$898,347	-	-	-	-	\$898,347
Sum:		-	-	\$984,304	\$4,120,319	\$19,355,831	\$19,683,975	\$8,573,528	\$52,717,957

Baseline Road: 24th Street to the Consolidated Canal (CP0658)

COUNCIL DISTRICT 3

Widen Baseline Road from 24th Street to the Consolidated Canal to mitigate traffic delays and improve safety.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2013 Street Bond	\$588,032	\$4,300,000	-	-	-	-	-	\$4,888,032
	Transportation	\$6,064	\$283,000	-	-	-	-	-	\$289,064
	Water	\$711	\$97,708	-	-	-	-	-	\$98,419
Sum:		\$594,807	\$4,680,708	-	-	-	-	-	\$5,275,515

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.

		Estimated Exp					Future Years		Totals
Fund		Through 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	\$658,070	\$235,783	\$241,112	\$246,875	\$252,972	\$797,150	\$2,523,409
Sum:		\$91,447	\$658,070	\$235,783	\$241,112	\$246,875	\$252,972	\$797,150	\$2,523,409

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

Broadway Road: Lesueur to Spur (CP0666)

COUNCIL DISTRICT 4

Address safety and capacity needs along the Broadway Road corridor from Lesueur to Spur.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Electric Bond	-	\$340,201	-	-	-	-	-	\$340,201
	2014 Gas Bond	-	-	-	-	-	-	-	-
	2014 Water Bond	-	\$500,000	-	-	-	-	-	\$500,000
	2020 Electric Bond	-	-	-	-	-	\$3,536,402	-	\$3,536,402
	2020 Gas Bond	-	-	-	\$212,758	-	\$3,660,261	-	\$3,873,019
	2020 Street Bond	-	-	-	\$1,453,648	\$1,305,999	\$15,245,714	-	\$18,005,361
	2020 Water Bond	-	-	-	-	-	\$5,571,150	-	\$5,571,150
	Local Streets Fund	-	\$1,627,261	-	-	-	-	-	\$1,627,261
O&M	Environmental Compliance Fee	-	-	-	-	-	-	\$10,231	\$10,231
	Local Streets Fund	-	-	-	-	-	-	\$18,032	\$18,032
Sum:		-	\$2,467,462	-	\$1,666,406	\$1,305,999	\$28,013,527	\$28,263	\$33,481,657

Broadway Road Streetscape: Tempe City Limits to Gilbert Road (CP0710)

CITYWIDE

Improve the Broadway Road streetscape from the Tempe City limits to Gilbert Road.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	Local Streets Fund	\$426,696	\$1,107,634	-	-	-	-	-	\$1,534,330
Sum:		\$426,696	\$1,107,634	-	-	-	-	-	\$1,534,330

Country Club and Main Improvements (CP0856)

COUNCIL DISTRICT 4

Construct raised median and replace utility lines in Country Club Road north of Main Street.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2014 Wastewater Bond	\$10,821	-	-	-	-	-	-	\$10,821
	Local Streets Fund	\$6,541	\$182,786	-	-	-	-	-	\$189,327
Sum:		\$17,362	\$182,786	-	-	-	-	-	\$200,148

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

Country Club Underpass (CP0736)

COUNCIL DISTRICT 4

Remove the barrier at Country Club underpass south of Main Street and replace with sidewalk, curb and gutter.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$12,367	\$729,196	-	-	-	-	-	\$741,563
Sum:		\$12,367	\$729,196	-	-	-	-	-	\$741,563

East Mesa Service Center Wash Rack (CP0348)

COUNCIL DISTRICT 5

Expand the wash area to include the addition of four wash bays for sweepers and vector trucks. In addition, the existing pre-treatment equipment will be removed and not replaced as it is no longer needed.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Environmental Compliance Fee	\$463,624	\$96,631	-	-	-	-	-	\$560,255
	Local Streets Fund	\$265,890	\$98,742	-	-	-	-	-	\$364,632
Sum:		\$729,513	\$195,373	-	-	-	-	-	\$924,886

Eastside Improvements at Phx-Mesa Gateway Airport (CP0217)

COUNCIL DISTRICT 6

Develop the east side of the airport to increase capacity and economic development opportunities.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2013 Street Bond	-	\$2,947,203	-	-	-	-	-	\$2,947,203
Sum:		-	\$2,947,203	-	-	-	-	-	\$2,947,203

Economic Development (CP0342)

CITYWIDE

Fund required improvements associated with significant economic development projects.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	-	\$388,799	\$795,719	-	-	-	-	\$1,184,518
	2014 Water Bond	-	\$713,732	\$1,460,729	-	-	-	-	\$2,174,461
	2020 Street Bond	-	-	\$1,945,067	\$1,938,372	\$1,933,832	\$1,930,713	\$1,930,221	\$9,678,205
Sum:		-	\$1,102,531	\$4,201,515	\$1,938,372	\$1,933,832	\$1,930,713	\$1,930,221	\$13,037,184

Elliot Road Improvements: Ellsworth to Signal Butte (CP0571)

COUNCIL DISTRICT 6

Construct improvements to Elliot Road in support of the concept of it being a technology corridor.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2013 Street Bond	\$5,486,284	\$1,166,000	-	-	-	-	-	\$6,652,284
	Local Streets Fund	\$195,099	-	-	-	-	-	-	\$195,099
	Transportation	\$352,137	\$14,242,544	-	-	-	-	-	\$14,594,681
O&M	Environmental Compliance Fee	-	\$4,991	\$5,107	\$5,222	\$5,347	\$5,480	\$17,268	\$43,415
	Highway User Revenue Fund	-	-	-	-	-	-	-	-
	Local Streets Fund	-	\$44,207	\$45,237	\$46,259	\$47,364	\$48,535	\$152,941	\$384,543
Sum:		\$6,033,520	\$15,457,742	\$50,344	\$51,481	\$52,711	\$54,015	\$170,209	\$21,870,022

Gilbert Road Bridge (CN0056)

COUNCIL DISTRICT 1

Fund the City's share of Gilbert Road bridge construction costs.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	-	\$1,000,000	-	-	-	-	-	\$1,000,000
Sum:		-	\$1,000,000	-	-	-	-	-	\$1,000,000

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

MAG Projects Local Match (CP0109)

CITYWIDE

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

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(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.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$59,507	\$479,750	-	-	-	-	-	\$539,257
Sum:		\$59,507	\$479,750	-	-	-	-	-	\$539,257

McDowell Underpass Erosion (CP0776)

COUNCIL DISTRICT 1

Correct erosion issue on retaining wall at the McDowell underpass.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$61,770	\$1,423,956	-	-	-	-	-	\$1,485,726
Sum:		\$61,770	\$1,423,956	-	-	-	-	-	\$1,485,726

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Electric Bond	\$231,943	-	-	-	-	-	-	\$231,943
	2010 Gas Bond	\$14,268	-	-	-	-	-	-	\$14,268
	2010 Water Bond	\$70,837	-	-	-	-	-	-	\$70,837
	2013 Street Bond	\$2,082,261	\$11,470,000	-	-	-	-	-	\$13,552,261
	2014 Electric Bond	-	\$6,928,000	-	-	-	-	-	\$6,928,000
	2014 Gas Bond	-	\$521,001	-	-	-	-	-	\$521,001
	2014 Wastewater Bond	\$9,055	-	-	-	-	-	-	\$9,055
	2014 Water Bond	-	\$2,403,031	-	-	-	-	-	\$2,403,031
	Transportation	-	\$7,799,076	-	-	-	-	-	\$7,799,076
O&M	Utility Replacement Extension ar	-	\$151,957	-	-	-	-	-	\$151,957
	Environmental Compliance Fee	-	-	\$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:		\$2,408,363	\$29,273,065	\$50,344	\$51,481	\$52,711	\$54,015	\$170,209	\$32,060,188

Pavement Rehabilitation Adobe Road; Higley to Recker (CN0062)

COUNCIL DISTRICT 5

Fund the City's cost share with Maricopa County for the pavement rehabilitation of Adobe Road from Higley to Recker.

2

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2013 Street Bond	\$38,858	\$30,000	-	-	-	-	-	\$68,858
Sum:		\$38,858	\$30,000	-	-	-	-	-	\$68,858

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

Pecos Road: Ellsworth to Meridian Rd (CN0072)

COUNCIL DISTRICT 6

Fund Mesa's cost share for Flood Control District of Maricopa County (FCDMC) project Pecos Road; Ellsworth to Meridian Rd.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Street Bond	-	-	\$10,000,000	-	-	-	-	\$10,000,000
Sum:		-	-	\$10,000,000	-	-	-	-	\$10,000,000

Pedestrian Connection West of Dobson Road (CP0281)

COUNCIL DISTRICT 3

Improve roadway and sidewalks to positively increase the pedestrian experience along the light rail. Improvements will also include a turnaround for public safety vehicles.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
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

Power Road Improvements: East Maricopa Floodway to Loop 202 (CP0104)

COUNCIL DISTRICT 6

Improve the mobility and access in this area of Power Rd, completing any sections that have not been completed by adjacent development. This is a joint project with the Town of Gilbert and Maricopa County.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Street Bond	-	-	-	\$2,399,724	\$1,782,280	\$26,954,714	-	\$31,136,718
	Water	-	-	-	-	-	\$2,881,988	-	\$2,881,988
O&M	Environmental Compliance Fee	-	-	-	-	-	\$5,480	\$17,268	\$22,748
	Local Streets Fund	-	-	-	-	-	\$48,535	\$152,941	\$201,476
Sum:		-	-	-	\$2,399,724	\$1,782,280	\$29,890,717	\$170,209	\$34,242,930

Railroad Quiet Zone (CP0426)

CITYWIDE

Install raised medians and other infrastructure as required by the Federal Railroad Administration to convert the Union Pacific Railroad route through Mesa into a quiet zone.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$517,656	\$64,601	-	-	-	-	-	\$582,257
Sum:		\$517,656	\$64,601	-	-	-	-	-	\$582,257

Rail Road ROW Improvements (CP0660)

CITYWIDE

Complete sidewalk improvements along the rail road tracks within the public right of way where either sidewalks are missing or are not ADA compliant.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$11,942	\$68,800	-	-	-	-	-	\$80,742
Sum:		\$11,942	\$68,800	-	-	-	-	-	\$80,742

Rio Salado Pathway-Public Art Project (CN0065)

COUNCIL DISTRICT 4

Create permanent artwork in the tunnel connecting Rio Salado Shared-Use Pathway with Riverview Park.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Local Streets Fund	\$23,000	\$27,000	-	-	-	-	-	\$50,000
Sum:		\$23,000	\$27,000	-	-	-	-	-	\$50,000

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

Signal Butte Road Improvements: Williams Field to Pecos (CP0729)

COUNCIL DISTRICT 6

Improve access along Signal Butte Road to coincide with State Route 24 advancement. Work will include constructing any roadway sections that have not been completed by adjacent development.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Street Bond	-	-	\$16,694,335	-	-	-	-	\$16,694,335
	Local Streets Fund	\$18,287	\$1,025,803	-	-	-	-	-	\$1,044,090
O&M	Environmental Compliance Fee	-	-	-	\$5,222	\$5,347	\$5,480	\$17,268	\$33,317
	Local Streets Fund	-	-	-	\$46,259	\$47,364	\$48,535	\$152,941	\$295,099
Sum:		\$18,287	\$1,025,803	\$16,694,335	\$51,481	\$52,711	\$54,015	\$170,209	\$18,066,841

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$77,404	\$2,696,305	-	-	-	-	-	\$2,773,709
	2014 Gas Bond	-	\$425,304	-	-	-	-	-	\$425,304
	2014 Water Bond	\$26,486	-	-	-	-	-	-	\$26,486
	Grants - Gen. Gov.	\$4,821	\$12,380,923	-	-	-	-	-	\$12,385,744
	Local Streets Fund	\$640,939	\$366,435	-	-	-	-	-	\$1,007,374
	Transportation	\$182,477	\$2,602,032	-	-	-	-	-	\$2,784,509
O&M	Environmental Compliance Fee	-	-	\$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:		\$932,126	\$18,470,999	\$8,359	\$8,548	\$8,752	\$8,969	\$28,263	\$19,466,016

Southern Avenue & Country Club Drive Roadways (CP0844)

COUNCIL DISTRICT 4

Reconstruct two major arterials where pavement is failing. The two segments are Southern; Alma School to Center and Country Club; US 60 to 1st Ave.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Electric Bond	-	-	\$28,392	\$359,323	-	-	-	\$387,715
	2020 Gas Bond	-	-	\$20,044	\$1,912,601	-	-	-	\$1,932,645
	2020 Street Bond	-	-	\$672,683	\$10,122,038	-	-	-	\$10,794,721
	2020 Wastewater Bond	-	-	-	\$617,107	-	-	-	\$617,107
	2020 Water Bond	-	-	\$1,910,153	\$2,042,177	-	-	-	\$3,952,330
Sum:		-	-	\$2,631,272	\$15,053,246	-	-	-	\$17,684,518

Southern Avenue Improvements: Gilbert Road to Val Vista Dr (CP0061)

CITYWIDE

Improve Southern Avenue including intersection at Lindsay Road, right-of-way acquisition, pedestrian ramps, street light relocation, and pavement reconstruction.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Wastewater Bond	-	-	-	\$24,953	\$257,928	-	-	\$282,881
	2020 Water Bond	-	-	-	\$155,290	\$1,605,917	-	-	\$1,761,207
	Transportation	-	-	-	\$1,163,114	\$6,110,140	-	-	\$7,273,254
O&M	Environmental Compliance Fee	-	-	-	-	-	\$3,498	\$11,023	\$14,521
	Local Streets Fund	-	-	-	-	-	\$10,413	\$32,815	\$43,228
Sum:		-	-	-	\$1,343,357	\$7,973,985	\$13,911	\$43,838	\$9,375,091

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2010 Gas Bond	\$705	-	-	-	-	-	-	\$705
	2013 Street Bond	\$581,716	\$490,000	-	-	-	-	-	\$1,071,716
	Transportation	\$19,651	\$10,053,186	-	-	-	-	-	\$10,072,837
O&M	Environmental Compliance Fee	-	-	\$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:		\$602,072	\$10,543,186	\$12,965	\$13,258	\$13,575	\$13,911	\$43,838	\$11,242,805

Stapley Drive and University Drive Intersection (C05041)

COUNCIL DISTRICT 4

Construct an additional left turn lane and right turn lane in all directions to reduce traffic congestion at this intersection. This project has been identified as a Regional Transportation Plan project.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2020 Gas Bond	-	-	-	-	\$20,264	\$502,020	-	\$522,284
	2020 Street Bond	-	-	-	-	\$766,753	\$71,364	\$5,381,085	\$6,219,202
	2020 Water Bond	-	-	-	-	\$97,434	\$1,008,689	-	\$1,106,123
O&M	Environmental Compliance Fee	-	-	-	-	-	-	\$10,231	\$10,231
	Local Streets Fund	-	-	-	-	-	-	\$18,032	\$18,032
Sum:		-	-	-	-	\$884,451	\$1,582,073	\$5,409,348	\$7,875,872

Street Improvement Cityshare (CN0003)

CITYWIDE

Fund the City's participation in the cost share of widening of streets and the installation of new street lights that are built in conjunction with development projects.

		Estimated Exp					Future Years		Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2013 Street Bond	\$728,863	\$1,225,000	-	-	-	-	-	\$1,953,863
	2020 Street Bond	-	-	\$389,014	\$387,674	\$386,766	\$386,142	\$386,031	\$1,935,627
Sum:		\$728,863	\$1,225,000	\$389,014	\$387,674	\$386,766	\$386,142	\$386,031	\$3,889,490

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	
Capital	2013 Street Bond	\$1,094,366	-	-	-	-	-	-	\$1,094,366
	Local Streets Fund	-	\$705,600	\$361,020	\$369,180	\$378,004	\$387,339	\$397,102	\$2,598,245
Sum:		\$1,094,366	\$705,600	\$361,020	\$369,180	\$378,004	\$387,339	\$397,102	\$3,692,611

Transportation Neighborhood Improvement Projects (CP0532)

CITYWIDE

Install ADA Ramps and missing sidewalks citywide to improve accessibility.

		Estimated Exp					Future Years		Totals
Fund		Through 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	\$913,740	\$443,754	\$453,785	\$464,629	\$476,104	\$1,500,273	\$4,677,535
O&M	Environmental Compliance Fee	-	\$300	\$307	\$314	\$321	\$329	\$1,038	\$2,609
	Highway User Revenue Fund	-	-	-	-	-	-	-	-
	Local Streets Fund	-	\$500	\$511	\$523	\$536	\$549	\$1,730	\$4,349
Sum:		\$425,250	\$914,540	\$444,572	\$454,622	\$465,486	\$476,982	\$1,503,041	\$4,684,493

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Streets

UPRR Crossing Improvements: Dobson and Alma School (CP0184)

COUNCIL DISTRICT 3

Construct improvements to the Union Pacific Railroad crossings at Dobson and Alma School Roads. There will be improvements to both the railroad segments and surrounding median and sidewalks.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Grants - Gen. Gov.	\$134,378	\$74,214	-	-	-	-	-	\$208,592
	Local Streets Fund	\$34,621	\$20,181	-	-	-	-	-	\$54,802
Sum:		\$168,999	\$94,395	-	-	-	-	-	\$263,394

Val Vista Drive: Baseline Road to US 60 (CP0105)

COUNCIL DISTRICT 2

Construct roadway and safety improvements to include bicycle lanes, sidewalks and ADA compliant ramps. The existing traffic signals will be replaced.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Gas Bond	\$15,379	-	-	-	-	-	-	\$15,379
	2013 Street Bond	\$260,894	\$780,000	-	-	-	-	-	\$1,040,894
	Transportation	\$25,835	\$694,392	-	-	-	-	-	\$720,227
O&M	Local Streets Fund	-	\$4,076	\$4,170	\$4,265	\$4,368	\$4,474	\$14,101	\$35,454
Sum:		\$302,108	\$1,478,468	\$4,170	\$4,265	\$4,368	\$4,474	\$14,101	\$1,811,954

Val Vista Drive: Pueblo to US 60 (CP0062)

COUNCIL DISTRICT 2

Improve Val Vista Drive between Pueblo and US 60. Construction work will mitigate traffic delays and congestion and enhance safety.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Gas Bond	-	-	-	-	\$130,629	\$2,234,047	-	\$2,364,676
	2020 Water Bond	-	-	-	-	\$186,748	\$1,951,864	-	\$2,138,612
	Transportation	-	-	-	-	\$1,950,516	\$6,179,093	-	\$8,129,609
O&M	Environmental Compliance Fee	-	-	-	-	-	-	\$17,268	\$17,268
	Local Streets Fund	-	-	-	-	-	-	\$152,941	\$152,941
Sum:		-	-	-	-	\$2,267,893	\$10,365,004	\$170,209	\$12,803,106

Transit

Bus Stop Shelters (CP0809)

CITYWIDE

Install patron shelters at bus stops that do not have a shelter. This would include obtaining right of way at certain locations.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Street Bond	-	-	\$268,616	\$274,688	\$281,253	\$288,199	-	\$1,112,756
Sum:		-	-	\$268,616	\$274,688	\$281,253	\$288,199	-	\$1,112,756

Gilbert Light Rail Extension Concurrent Non-Project Activities (CNPAs) (CP0562)

COUNCIL DISTRICT 4

Replace existing utility infrastructure to accommodate the installation light rail system extension to Gilbert Road.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Electric Bond	\$527,753	-	-	-	-	-	-	\$527,753
	2014 Wastewater Bond	\$1,861,694	-	-	-	-	-	-	\$1,861,694
	Utility Replacement Extension ar	\$1,368	\$61,825	-	-	-	-	-	\$63,193
Sum:		\$2,390,815	\$61,825	-	-	-	-	-	\$2,452,640

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Transit**Gilbert Road Light Rail Extension (CP0296)****COUNCIL DISTRICT 4**

Construct approximately two miles of double track alignment extending along Main Street from Edgemont to a new end of line station at Gilbert Road.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Transit Fund	\$20,352,704	\$16,268,448	-	-	-	-	-	\$36,621,152
O&M	Environmental Compliance Fee	-	\$25,000	\$25,583	\$26,161	\$26,786	\$27,448	\$56,973	\$187,951
Sum:		\$20,352,704	\$16,293,448	\$25,583	\$26,161	\$26,786	\$27,448	\$56,973	\$36,809,103

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2006 Wastewater Bond	\$146,367	-	-	-	-	-	-	\$146,367
	2010 Wastewater Bond	\$3,642,796	\$648,994	-	-	-	-	-	\$4,291,790
	2014 Wastewater Bond	\$10,259,308	\$11,644,753	\$4,802,518	-	-	-	-	\$26,706,579
	2020 Wastewater Bond	-	-	\$1,972,708	\$5,130,558	\$6,994,017	\$5,873,765	\$6,021,800	\$25,992,848
Sum:		\$14,048,471	\$12,293,747	\$6,775,226	\$5,130,558	\$6,994,017	\$5,873,765	\$6,021,800	\$57,137,584

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	-	\$363,000	-	-	-	-	-	\$363,000
	2020 Wastewater Bond	-	-	\$165,775	\$169,522	\$173,573	\$177,860	-	\$686,730
Sum:		-	\$363,000	\$165,775	\$169,522	\$173,573	\$177,860	\$560,461	\$1,049,730

Wastewater Customer Demand - Citywide**New Lift Stations (CP0617)****COUNCIL DISTRICT 2**

Construct new wastewater lift stations to serve projected growth in currently undeveloped areas that can not be totally served by a gravity sewer system.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$78,865	\$927,816	-	-	-	\$1,006,681
Sum:		-	-	\$78,865	\$927,816	-	-	-	\$1,006,681

New Sewer Lines - Other Areas (CP0619)**COUNCIL DISTRICT 6**

Construct new sewer lines in undeveloped areas other than southeast Mesa to serve projected growth and areas currently served by on-site septic systems.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$706,606	-	-	-	-	\$706,606
Sum:		-	-	\$706,606	-	-	-	-	\$706,606

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Customer Demand - Citywide

Sewer Line Extensions to Unsewered Areas (CP0624)

CITYWIDE

Install trunk and lateral sewers to serve residential areas currently served by failing on-site septic systems.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$3,423,362	-	-	-	-	-	-	\$3,423,362
	2020 Wastewater Bond	-	-	\$587,266	\$2,467,561	\$1,986,114	\$2,090,221	-	\$7,131,162
Sum:		\$3,423,362	-	\$587,266	\$2,467,561	\$1,986,114	\$2,090,221	-	\$10,554,524

Wastewater Customer Demand - Southeast Mesa

Greenfield Water Reclamation Plant Equipment (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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Venture	-	-	\$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 Water Reclamation Plant Equipment - Mesa Share (CN0068)

CITYWIDE

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$504,809	\$1,171,992	\$1,154,957	\$541,611	-	\$3,373,369
Sum:		-	-	\$504,809	\$1,171,992	\$1,154,957	\$541,611	-	\$3,373,369

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Venture	\$120,912,549	\$79,319,838	\$2,992,011	-	-	-	-	\$203,224,398
O&M	Greenfield WRP Joint Venture	-	\$355,532	\$1,470,144	\$1,503,924	\$1,540,056	\$1,578,156	\$4,973,654	\$11,421,466
Sum:		\$120,912,549	\$79,675,370	\$4,462,155	\$1,503,924	\$1,540,056	\$1,578,156	\$4,973,654	\$214,645,864

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$60,896,373	\$61,903,471	\$1,804,182	-	-	-	-	\$124,604,026
O&M	Wastewater	-	\$84,000	\$515,743	\$527,401	\$540,006	\$553,342	\$1,743,658	\$3,964,150
Sum:		\$60,896,373	\$61,987,471	\$2,319,925	\$527,401	\$540,006	\$553,342	\$1,743,658	\$128,568,176

Greenfield Water Reclamation 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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Venture	-	-	-	\$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

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Customer Demand - Southeast Mesa

Greenfield Water Reclamation Plant Improvement - Mesa Share (CN0067)

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	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	-	\$1,899,618	\$2,569,170	\$1,324,174	-	\$5,792,962
	Sum:	-	-	-	\$1,899,618	\$2,569,170	\$1,324,174	-	\$5,792,962

New Sewer Lines - Phx Mesa Gateway Development Plan (CP0620)

COUNCIL DISTRICT 6

Construct new sewer lines to serve development in the Phoenix Mesa Gateway Airport Northeast Development Area.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	-	-	-	-	-	-	-	-
	2020 Wastewater Bond	-	-	\$445,853	\$2,421,621	\$60,172	\$346,874	-	\$3,274,520
	2020 Water Bond	-	-	\$713,385	\$5,266,062	-	-	-	\$5,979,447
	Sum:	-	-	\$1,159,238	\$7,687,683	\$60,172	\$346,874	-	\$9,253,967

New Sewer Lines - Southeast Mesa (CP0618)

COUNCIL DISTRICT 6

Construct new sewer lines in the area bounded by Elliot, Power, Germann, and Meridian Roads to serve development in southeast Mesa.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$354,026	\$3,532,341	\$5,881,681	\$580,666	-	\$10,348,714
	Sum:	-	-	\$354,026	\$3,532,341	\$5,881,681	\$580,666	-	\$10,348,714

Wastewater Improvements in Southeast Mesa (CP0805)

COUNCIL DISTRICT 6

Provide necessary wastewater infrastructure improvements to handle project flows in Southeast Mesa and to maintain service reliability in the area.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	-	\$212,644	\$2,159,864	-	-	-	-	\$2,372,508
	Sum:	-	\$212,644	\$2,159,864	-	-	-	-	\$2,372,508

Williams Field Road Sewer: Ellsworth to Mountain (C10425)

COUNCIL DISTRICT 6

Install sewer line along State Route 24 and Williams Field Road from Mountain to Ellsworth to serve future development.

		Estimated Exp					Future Years		
	Fund	Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	-	-	-	-	-	-	-	-
	2020 Wastewater Bond	-	-	\$158,985	\$1,210,741	-	-	-	\$1,369,726
	Sum:	-	-	\$158,985	\$1,210,741	-	-	-	\$1,369,726

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	Through 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
	2020 Wastewater Bond	-	-	\$130,409	\$133,356	\$136,544	\$139,916	-	\$540,225
	Sum:	-	\$119,880	\$130,409	\$133,356	\$136,544	\$139,916	-	\$660,105

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Lifecycle

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital Programs	\$188,324	-	-	-	-	-	-	\$188,324
	Greenfield WRP Joint Venture	-	\$600,000	-	-	-	-	-	\$600,000
Sum:		\$188,324	\$600,000	-	-	-	-	-	\$788,324

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		Through 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 (CP0625)

CITYWIDE

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Greenfield WRP Joint Venture	-	-	-	\$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 Major Plant Improvements - CP0625 Mesa Share (CN0035)

COUNCIL DISTRICT 2

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	-	\$1,526,509	\$4,793,643	\$2,645,487	-	\$8,965,639
Sum:		-	-	-	\$1,526,509	\$4,793,643	\$2,645,487	-	\$8,965,639

Greenfield Water Reclamation Plant Miscellaneous Plant Improvements (CP0626)

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital Programs	\$2,864,157	-	-	-	-	-	-	\$2,864,157
	Greenfield WRP Joint Venture	-	\$400,001	-	-	-	-	-	\$400,001
Sum:		\$2,864,157	\$400,001	-	-	-	-	-	\$3,264,158

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		Through 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

Greenfield Water Reclamation Plant Plant Rehabilitation and Equipment - CP0797 Mesa Share (CN0057)

CITYWIDE

Fund Mesa's cost share to rebuild/replace equipment to minimize system downtime and ensure efficient operation at the plant.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$9,063	\$124,736	-	-	-	-	-	\$133,799
Sum:		\$9,063	\$124,736	-	-	-	-	-	\$133,799

Greenfield Water Reclamation Plant Plant Rehabilitation and Equipment Replacement (CP0797)

CITYWIDE

Rebuild/Replace equipment to minimize system downtime and ensure efficient operation at the plant.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Capital Programs	\$25,706	-	-	-	-	-	-	\$25,706
	Greenfield WRP Joint Venture	-	\$294,599	-	-	-	-	-	\$294,599
Sum:		\$25,706	\$294,599	-	-	-	-	-	\$320,305

Lift Station Rehabilitation (CP0599)

CITYWIDE

Replace existing 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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$77,679	-	-	-	-	-	-	\$77,679
	2020 Wastewater Bond	-	-	\$349,233	\$3,114,677	\$1,430,244	\$1,056,487	-	\$5,950,641
Sum:		\$77,679	-	\$349,233	\$3,114,677	\$1,430,244	\$1,056,487	-	\$6,028,320

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$145,944	-	-	-	-	-	-	\$145,944
	Utility Replacement Extension ar	\$1,112,897	\$1,512,024	\$1,520,729	\$1,555,102	\$1,592,269	\$1,631,591	\$5,141,378	\$14,065,990
Sum:		\$1,258,841	\$1,512,024	\$1,520,729	\$1,555,102	\$1,592,269	\$1,631,591	\$5,141,378	\$14,211,934

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		Through 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
	2020 Wastewater Bond	-	-	\$29,840	\$30,514	\$31,243	\$32,015	-	\$123,612
Sum:		-	\$22,086	\$29,840	\$30,514	\$31,243	\$32,015	-	\$145,698

Miscellaneous Wastewater Projects (CP0899)

CITYWIDE

Odor control improvement program, including other miscellaneous wastewater system projects.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$663,098	\$1,695,217	-	-	-	\$2,358,315
Sum:		-	-	\$663,098	\$1,695,217	-	-	-	\$2,358,315

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Lifecycle

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$3,344,248	\$570,729	-	-	-	-	-	\$3,914,977
	2014 Wastewater Bond	\$483,142	-	-	-	-	-	-	\$483,142
Sum:		\$3,827,391	\$570,729	-	-	-	-	-	\$4,398,120

Northwest Water Reclamation Plant Equipment Replacement (CP0811)

COUNCIL DISTRICT 1

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$5,258	-	-	-	-	-	-	\$5,258
	2020 Wastewater Bond	-	-	\$596,789	\$610,278	\$624,864	\$640,295	-	\$2,472,226
	Utility Replacement Extension ar	-	\$545,400	-	-	-	-	-	\$545,400
Sum:		\$5,258	\$545,400	\$596,789	\$610,278	\$624,864	\$640,295	-	\$3,022,884

Northwest Water Reclamation Plant Major Plant Improvements (CP0627)

COUNCIL DISTRICT 1

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$280,191	-	-	-	-	-	-	\$280,191
	2020 Wastewater Bond	-	-	\$994,648	\$6,993,334	\$7,521,509	\$5,838,545	-	\$21,348,036
Sum:		\$280,191	-	\$994,648	\$6,993,334	\$7,521,509	\$5,838,545	-	\$21,628,227

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$4,494	\$707,661	-	-	-	-	-	\$712,155
	2014 Wastewater Bond	\$465,274	-	-	-	-	-	-	\$465,274
	2020 Wastewater Bond	-	-	\$923,033	\$1,846,634	\$5,224,556	\$4,080,104	-	\$12,074,327
Sum:		\$469,768	\$707,661	\$923,033	\$1,846,634	\$5,224,556	\$4,080,104	-	\$13,251,756

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		Through 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
	2020 Wastewater Bond	-	-	\$205,009	\$1,818,403	\$2,337,454	\$59,881	-	\$4,420,747
Sum:		\$7,484	\$81,675	\$205,009	\$1,818,403	\$2,337,454	\$59,881	-	\$4,509,906

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Lifecycle

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		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$973,630	\$432,000	-	-	-	-	-	\$1,405,630
	2020 Wastewater Bond	-	-	\$443,723	\$453,753	\$464,598	\$476,072	-	\$1,838,146
Sum:		\$973,630	\$432,000	\$443,723	\$453,753	\$464,598	\$476,072	-	\$3,243,776

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.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$5,361,224	\$471,432	-	-	-	-	-	\$5,832,656
Sum:		\$5,361,224	\$471,432	-	-	-	-	-	\$5,832,656

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.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Wastewater Bond	\$338,049	\$697,714	-	-	-	-	-	\$1,035,763
	2020 Wastewater Bond	-	-	\$4,675,647	\$17,295,122	\$4,269,902	\$2,400,243	-	\$28,640,914
	Utility Replacement Extension ar	-	\$77,581	-	-	-	-	-	\$77,581
	Wastewater	\$15,266	\$9,948	-	-	-	-	-	\$25,214
Sum:		\$353,315	\$785,243	\$4,675,647	\$17,295,122	\$4,269,902	\$2,400,243	-	\$29,779,472

Southeast Water Reclamation Plant Equipment Replacement (CP0631)

COUNCIL DISTRICT 6

Replace existing equipment at Southeast Water Reclamation Plant on an as needed basis. 田

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	\$418,581	\$678,934	\$438,273	\$449,096	-	\$1,984,884
	Utility Replacement Extension ar	\$5,812	\$164,317	-	-	-	-	-	\$170,129
Sum:		\$5,812	\$164,317	\$418,581	\$678,934	\$438,273	\$449,096	-	\$2,155,013

Southeast Water Reclamation Plant Major Plant Improvements (CP0629)

COUNCIL DISTRICT 6

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

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Wastewater Bond	-	-	-	\$1,130,144	\$5,843,634	-	-	\$6,973,778
Sum:		-	-	-	\$1,130,144	\$5,843,634	-	-	\$6,973,778

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Wastewater Lifecycle

Southeast Water Reclamation Plant Miscellaneous Plant Improvements (CP0630)

COUNCIL DISTRICT 6

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

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Wastewater Bond	\$62,763	-	-	-	-	-	-	\$62,763
	2014 Wastewater Bond	\$902,826	-	-	-	-	-	-	\$902,826
	2020 Wastewater Bond	-	-	\$2,553,804	\$2,323,315	\$1,155,998	\$1,184,546	-	\$7,217,663
	Utility Replacement Extension ar	\$198,454	-	-	-	-	-	-	\$198,454
Sum:		\$1,164,043	-	\$2,553,804	\$2,323,315	\$1,155,998	\$1,184,546	-	\$8,381,706

Southeast Water Reclamation Plant Standby Generator Radiator Replacement (CP0632)

COUNCIL DISTRICT 1

Replacement of the Cooling System at the Southeast Water Reclamation Plant. ☐☐

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Utility Replacement Extension ar	\$32,016	\$518,068	-	-	-	-	-	\$550,084
Sum:		\$32,016	\$518,068	-	-	-	-	-	\$550,084

Water Contractual Obligations

Val Vista Water Treatment Plant - Mesa Share (CN0010)

CITYWIDE

Fund the City's portion of the capital infrastructure cost of the Val Vista Water Treatment Plant.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$7,701,617	\$10,548,049	\$9,129,265	-	-	-	-	\$27,378,931
	2020 Water Bond	-	-	-	\$6,591,082	\$3,784,945	\$6,587,400	\$6,753,420	\$23,716,847
Sum:		\$7,701,617	\$10,548,049	\$9,129,265	\$6,591,082	\$3,784,945	\$6,587,400	\$6,753,420	\$51,095,778

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		Through 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

Water Customer Demand - Citywide

Desert Wells Zone Well #1 - Warner and Ellsworth (CP0829)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well near Warner and Ellsworth to provide water during CAP canal dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	-	-	-	\$180,385	\$3,784,685	\$3,965,070
O&M	Water	-	-	-	-	-	-	\$61,547	\$61,547
Sum:		-	-	-	-	-	\$180,385	\$3,846,232	\$4,026,617

Desert Wells Zone Well #2 - Warner and Ellsworth (CP0828)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well near Warner and Ellsworth to provide water during CAP canal dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	-	-	-	\$180,385	\$3,784,685	\$3,965,070
O&M	Water	-	-	-	-	-	-	\$61,547	\$61,547
Sum:		-	-	-	-	-	\$180,385	\$3,846,232	\$4,026,617

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Customer Demand - Citywide

Desert Wells Zone Well: Crismon and Pecos (CP0833)

COUNCIL DISTRICT 6

Acquire land to drill and equip a new groundwater well in Southeast Mesa near Crismon and Pecos to provide water during CAP dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$271,175	-	-	-	-	\$271,175
Sum:		-	-	\$271,175	-	-	-	-	\$271,175

Desert Wells Zone Well: Crismon and State Route 24 (CP0834)

COUNCIL DISTRICT 6

Acquire Land to drill and equip a new groundwater well in Southeast Mesa near Crismon and State Route 24 to provide water during CAP dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	-	-	\$283,932	-	-	\$283,932
Sum:		-	-	-	-	\$283,932	-	-	\$283,932

Desert Wells Zone Well; Crismon and Williams Field (CP0835)

COUNCIL DISTRICT 6

Acquire Land to drill and equip a new groundwater well in Southeast Mesa near Crismon and Williams Field to provide water during CAP dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	-	-	-	\$290,944	-	\$290,944
Sum:		-	-	-	-	-	\$290,944	-	\$290,944

Desert Wells Zone Well: Ellsworth and Pecos (CP0832)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well in Southeast Mesa near Ellsworth and Pecos to provide water during CAP dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$439,303	\$1,947,783	\$1,569,574	-	-	\$3,956,660
O&M	Water	-	-	-	-	-	\$57,231	\$180,344	\$237,575
Sum:		-	-	\$439,303	\$1,947,783	\$1,569,574	\$57,231	\$180,344	\$4,194,235

Desert Wells Zone Well: Germann and Crismon (CP0831)

COUNCIL DISTRICT 6

Acquire land to drill and equip a new groundwater well in southeast Mesa near Germann and Crismon to provide water during CAP canal dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$271,175	-	-	-	-	\$271,175
Sum:		-	-	\$271,175	-	-	-	-	\$271,175

Desert Wells Zone Well: Signal Butte and Pecos (CP0836)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well in Southeast Mesa near Signal Butte and Pecos to provide water during CAP dryups.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$439,303	\$1,947,783	\$1,569,574	-	-	\$3,956,660
O&M	Water	-	-	-	-	-	\$57,231	\$180,344	\$237,575
Sum:		-	-	\$439,303	\$1,947,783	\$1,569,574	\$57,231	\$180,344	\$4,194,235

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Customer Demand - Citywide

Reclaimed Water Line - Northwest Water Reclamation Plant to Southeast Water Reclamation Plant (CP0896)

CITYWIDE

Construct a reclaimed water line from Northwest Water Reclamation Plant to Southeast Water Reclamation Plant.

		Estimated Exp						Future Years	
Fund		Through 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
	2020 Water Bond	-	-	-	\$28,788,134	\$29,476,179	-	-	\$58,264,313
Sum:		-	\$1,823,400	\$4,881,735	\$28,788,134	\$29,476,179	-	-	\$64,969,448

Transmission Main - Other Areas (CP0646)

CITYWIDE

Construct various large diameter water mains throughout the City as identified in the water master plan. These improvements are needed to keep pace with demand.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$1,630,301	\$1,667,151	\$17,728,627	\$18,166,449	-	\$39,192,528
Sum:		-	-	\$1,630,301	\$1,667,151	\$17,728,627	\$18,166,449	-	\$39,192,528

Water Extensions and Oversized Mains - City Share (CN0064)

CITYWIDE

Fund the City's cost share for developer constructed waterlines that are larger than 16-inch diameter.

		Estimated Exp						Future Years	
Fund		Through 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
	2020 Water Bond	-	-	\$204,660	\$209,286	\$214,288	\$219,580	-	\$847,814
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.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$1,058,056	\$1,458,228	-	-	-	-	-	\$2,516,284
	2020 Water Bond	-	-	\$1,559,713	\$1,686,001	\$1,317,598	\$1,617,612	-	\$6,180,924
Sum:		\$1,058,056	\$1,458,228	\$1,559,713	\$1,686,001	\$1,317,598	\$1,617,612	-	\$8,697,208

Williams Gateway Well #5: Power and Williams Field (CP0830)

COUNCIL DISTRICT 6

Re-drill and equip Williams Gateway Well #5 to provide water during CAP dryups. ☐

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$168,129	\$1,947,783	\$1,569,574	-	-	\$3,685,486
O&M	Water	-	-	-	-	-	\$57,231	\$180,344	\$237,575
Sum:		-	-	\$168,129	\$1,947,783	\$1,569,574	\$57,231	\$180,344	\$3,923,061

Water Customer Demand - Southeast Mesa

Drill and Equip Non-Potable Well for Southeast Mesa (CP0826)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well to provide water during CAP dryups. ☐ ☐

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	-	\$1,344,166	\$1,253,024	-	-	\$2,597,190
O&M	Water	-	-	-	-	-	\$56,803	\$178,995	\$235,798
Sum:		-	-	-	\$1,344,166	\$1,253,024	\$56,803	\$178,995	\$2,832,988

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Customer Demand - Southeast Mesa

Future Well 1 on Crismon (between Elliott and Warner) (CP0824)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well in southeast Mesa to provide water during CAP canal dryups.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$168,129	\$1,947,783	\$1,569,574	-	-	\$3,685,486
O&M	Water	-	-	-	-	-	\$57,231	\$180,344	\$237,575
Sum:		-	-	\$168,129	\$1,947,783	\$1,569,574	\$57,231	\$180,344	\$3,923,061

Future Well 2 on Crismon (at Warner) (CP0825)

COUNCIL DISTRICT 6

Drill and equip a new groundwater well to provide water during CAP dryups. ☐

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$168,129	\$1,947,783	\$1,569,574	-	-	\$3,685,486
O&M	Water	-	-	-	-	-	\$57,231	\$180,344	\$237,575
Sum:		-	-	\$168,129	\$1,947,783	\$1,569,574	\$57,231	\$180,344	\$3,923,061

New Pump Station (CP0639)

COUNCIL DISTRICT 6

Construct new pump stations to meet the growing water demand. The Water Master Plan identified the need for additional pumping capacity.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$3,588,169	-	-	-	-	-	-	\$3,588,169
	2020 Water Bond	-	-	\$766,130	\$7,916,451	\$826,808	\$4,872,024	\$4,464,596	\$18,846,009
Sum:		\$3,588,169	-	\$766,130	\$7,916,451	\$826,808	\$4,872,024	\$4,464,596	\$22,434,178

Signal Butte Water Treatment Plant Expansion (CP0372)

COUNCIL DISTRICT 6

Construct additional treatment capacity at the plant to meet growth demands in southeast Mesa.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$542,349	\$5,546,079	\$41,283,655	\$42,303,185	-	\$89,675,268
Sum:		-	-	\$542,349	\$5,546,079	\$41,283,655	\$42,303,185	-	\$89,675,268

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		Through 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
	2020 Water Bond	-	-	\$2,237,518	\$23,736,587	\$3,809,113	\$5,835,453	\$5,836,635	\$41,455,306
Sum:		-	\$530,000	\$2,237,518	\$23,736,587	\$3,809,113	\$5,835,453	\$5,836,635	\$41,985,306

Warner Lift Station Modifications (C05007)

COUNCIL DISTRICT 6

Install a new force main to the East Mesa Interceptor and replace the existing pumps which will considerably reduce the operating cost of this lift station.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Gas Bond	\$9,573	-	-	-	-	-	-	\$9,573
	2010 Wastewater Bond	\$76,065	-	-	-	-	-	-	\$76,065
	2010 Water Bond	\$11,138	-	-	-	-	-	-	\$11,138
	2020 Wastewater Bond	-	-	\$2,159,247	-	-	-	-	\$2,159,247
Sum:		\$96,776	-	\$2,159,247	-	-	-	-	\$2,256,023

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Customer Demand - Southeast Mesa

Well Collection Lines (CP0648)

COUNCIL DISTRICT 6

Construct the waterlines that convey groundwater from new wells to the City's reservoirs, where the water is pumped into the distribution system. The Water Master Plan has identified new groundwater wells that need to be installed to meet water

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2020 Water Bond	-	-	-	\$322,782	\$3,427,622	\$1,905,098	\$20,204,027
Sum:		-	-	-	\$322,782	\$3,427,622	\$1,905,098	\$20,204,027
								\$25,859,529

Well Site Acquisition (C04048)

COUNCIL DISTRICT 6

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

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Water Bond	\$230,119	\$742,990	-	-	-	-	\$973,109
Sum:		\$230,119	\$742,990	-	-	-	-	\$973,109

Water Lifecycle

Advanced Metering Infrastructure (AMI) (CP0900)

CITYWIDE

Upgrade utility meter infrastructure, including related communications network and data management systems. A Smart Cities Initiative.

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Electric Bond	-	\$226,001	-	-	-	-	\$226,001
	2014 Gas Bond	-	\$862,649	-	-	-	-	\$862,649
	2014 Water Bond	-	\$2,120,000	-	-	-	-	\$2,120,000
	2020 Electric Bond	-	-	\$1,184,929	\$1,211,713	\$1,240,673	-	\$3,637,315
	2020 Gas Bond	-	-	\$3,615,661	\$3,697,387	\$3,785,756	-	\$11,098,804
	2020 Water Bond	-	-	\$8,135,235	\$16,638,237	\$17,035,896	\$6,400,757	\$48,210,125
Sum:		-	\$3,208,650	\$12,935,825	\$21,547,337	\$22,062,325	\$6,400,757	\$66,154,894

Aging Water Main Repairs (CP0821)

CITYWIDE

Make needed emergency repairs to pipe breaks on aging waterlines. ☒

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Water Bond	-	\$549,600	-	-	-	-	\$549,600
	2020 Water Bond	-	-	\$894,876	\$1,156,154	\$5,554,035	\$736,087	\$8,341,152
Sum:		-	\$549,600	\$894,876	\$1,156,154	\$5,554,035	\$736,087	\$8,890,752

Aging Water Main Replacement and Rehabilitation (CP0822)

CITYWIDE

Identify and replace or rehabilitate aging waterlines based on risk analysis priority. ☒

		Estimated Exp					Future Years	Totals
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	
Capital	2014 Water Bond	\$379,763	-	-	-	-	-	\$379,763
	2020 Water Bond	-	-	\$963,459	\$9,711,835	\$9,985,306	\$9,816,434	\$30,477,034
Sum:		\$379,763	-	\$963,459	\$9,711,835	\$9,985,306	\$9,816,434	\$30,856,797

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Lifecycle

Brown Road Major Plant Improvements (CP0634)

COUNCIL DISTRICT 5

Rehabilitate/replace major equipment & materials at the Brown Road Water Treatment Plant. Work includes possible replacement of the following: leaking valves actuators & controls, filter underdrains, reservoir liner, and the electric SES Service.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$289,252	\$3,283,277	\$3,361,750	\$3,134,432	-	\$10,068,711
Sum:		-	-	\$289,252	\$3,283,277	\$3,361,750	\$3,134,432	-	\$10,068,711

Brown Road Miscellaneous Plant Improvements (CP0635)

COUNCIL DISTRICT 5

Rehabilitate/replace equipment & materials at the plant. Work includes some of the following: bulk chemical tanks, pump & piping, sledge pumps & valves, chlorine & chemical feed systems, etc.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$42,151	\$300,000	-	-	-	-	-	\$342,151
	2020 Water Bond	-	-	\$2,469,860	\$8,271,048	\$7,816,637	\$5,647,214	-	\$24,204,759
Sum:		\$42,151	\$300,000	\$2,469,860	\$8,271,048	\$7,816,637	\$5,647,214	-	\$24,546,910

Compliance Equipment at Water Facilities (CP0638)

CITYWIDE

Replace lab compliance equipment prior to failure so that the City can remain in compliance with federal regulation. The lab is responsible for regulatory compliance analysis samples at the water plant and other water facilities.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$345	-	-	-	-	-	-	\$345
	2020 Wastewater Bond	-	-	-	\$351,617	-	-	-	\$351,617
	2020 Water Bond	-	-	\$542,349	\$1,471,237	-	-	-	\$2,013,586
Sum:		\$345	-	\$542,349	\$1,822,854	-	-	-	\$2,365,548

Desert Well 18 Equip (C03080)

COUNCIL DISTRICT 6

Acquire, drill, and equip a new well site to augment the surface water supply. The Falcon Field reservoir 1 cannot be kept full and the flow rate from the Central Arizona Project reservoir to the Falcon Field zone is limited by existing infrastructure.

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Water Bond	\$14,761	-	-	-	-	-	-	\$14,761
	2014 Water Bond	\$1,235,181	-	-	-	-	-	-	\$1,235,181
	Water	\$222,480	\$184,422	-	-	-	-	-	\$406,902
Sum:		\$1,472,422	\$184,422	-	-	-	-	-	\$1,656,844

Desert Well Zone Well Site Acquisition (CP0823)

COUNCIL DISTRICT 6

Purchase land for two future wells sites in the DMB development. ☐

		Estimated Exp						Future Years	
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$271,175	\$277,304	-	-	-	\$548,479
Sum:		-	-	\$271,175	\$277,304	-	-	-	\$548,479

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Lifecycle

East Mesa Service Center Tenant Improvements (CP0902)

COUNCIL DISTRICT 5

East Mesa Service Center (EMSC) Tenant Improvements. Expansion of the existing break room and adjacent locker room to create added space and functionality.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Natural Gas	\$1,657	\$13,103	-	-	-	-	-	\$14,760
	Wastewater	\$238	\$77,038	-	-	-	-	-	\$77,276
	Water	\$1,520	\$74,336	-	-	-	-	-	\$75,856
Sum:		\$3,416	\$164,477	-	-	-	-	-	\$167,893

Groundwater Treatment-Arsenic (CP0827)

COUNCIL DISTRICT 6

Provide water treatment facility for future groundwater wells based on water quality results at the time of drilling. ☐

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$523,909	\$5,411,088	-	\$3,408,694	-	\$9,343,691
Sum:		-	-	\$523,909	\$5,411,088	-	\$3,408,694	-	\$9,343,691

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

COUNCIL DISTRICT 4

Install new utility mains and service lines, and abandon aging water line. New utility lines will extend along Horne Road between Marilyn Avenue to Southern Avenue.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2010 Electric Bond	-	\$1,640,000	-	-	-	-	-	\$1,640,000
	2014 Electric Bond	\$297,714	\$749,170	-	-	-	-	-	\$1,046,884
	2014 Gas Bond	\$211,318	-	-	-	-	-	-	\$211,318
	2014 Wastewater Bond	\$65,248	-	-	-	-	-	-	\$65,248
	2014 Water Bond	\$414,557	-	-	-	-	-	-	\$414,557
Sum:		\$988,836	\$2,389,170	-	-	-	-	-	\$3,378,006

Lindsay Pump Stations Rectifier Replacement (CP0855)

COUNCIL DISTRICT 1

Evaluate the existing rectifier at the Lindsay Pump Station which is failing (overheating and leaking oil) and needs to be replaced. Electrical engineering services may be required to evaluate the integration of a universal rectifier.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	Utility Replacement Extension ar	\$33,458	\$164,651	-	-	-	-	-	\$198,109
Sum:		\$33,458	\$164,651	-	-	-	-	-	\$198,109

Pressure Reducing Valve Station Replacements - Citywide (C10391)

CITYWIDE

Replace and improve aging Pressure Reducing Valve (PRV) stations to allow for better operation, maintenance, and reliability. The water system has 25 free standing PRVs which serve a variety of purposes.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$1,307,121	-	-	-	-	-	-	\$1,307,121
	2020 Water Bond	-	-	\$520,655	-	-	-	-	\$520,655
Sum:		\$1,307,121	-	\$520,655	-	-	-	-	\$1,827,776

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Lifecycle

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$1,650,875	\$824,680	-	-	-	-	-	\$2,475,555
	2020 Water Bond	-	-	\$1,835,851	\$3,733,621	\$624,650	\$640,076	-	\$6,834,198
	Utility Replacement Extension ar	\$480	\$294,195	-	-	-	-	-	\$294,675
Sum:		\$1,651,355	\$1,118,875	\$1,835,851	\$3,733,621	\$624,650	\$640,076	-	\$9,604,428

Re-drill Groundwater Wells (CP0642)

CITYWIDE

Re-drill wells and replace old equipment at wells identified in the Water Master Plan to meet water demand. Work will include re-drilling the well and installing new equipment - new electric service, electrical & instrument components, pump & motor.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$2,136,855	\$12,990,806	\$9,819,172	\$8,399,776	\$9,674,309	\$43,020,918
Sum:		-	-	\$2,136,855	\$12,990,806	\$9,819,172	\$8,399,776	\$9,674,309	\$43,020,918

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$215,131	\$2,833,621	-	-	-	-	-	\$3,048,752
	2020 Water Bond	-	-	\$666,461	\$5,664,096	\$136,287	\$139,653	-	\$6,606,497
	Utility Replacement Extension ar	-	\$587,720	-	-	-	-	-	\$587,720
Sum:		\$215,131	\$3,421,341	\$666,461	\$5,664,096	\$136,287	\$139,653	-	\$10,242,969

Signal Butte Water Treatment Plant Equipment Replacement (CP0643)

COUNCIL DISTRICT 6

Construct plant improvements and equipment replacement that will provide increased reliability and cost effective operation of the SBWTP. This includes rehab or replacement of bulk chemical tanks, pump and piping, sludge pumps and valves, etc.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$5,423,490	-	-	-	-	\$5,423,490
Sum:		-	-	\$5,423,490	-	-	-	-	\$5,423,490

Val Vista Major Plant Improvements (CP0647)

COUNCIL DISTRICT 1

Replace the liner at Reservoir 1 at the Val Vista Water Treatment Plant. The City assumed full ownership of Reservoir 1 as part of the 2012 Inter-Governmental Agreement with the City of Phoenix.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2020 Water Bond	-	-	\$216,940	\$2,240,616	-	-	-	\$2,457,556
Sum:		-	-	\$216,940	\$2,240,616	-	-	-	\$2,457,556

Capital Improvement Program Project Funding Summary

Fiscal Years 2020 - 2024

Water Lifecycle

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$52,219	\$3,350,711	-	-	-	-	-	\$3,402,930
	2020 Water Bond	-	-	\$1,578,236	\$1,613,909	\$1,652,482	\$1,693,292	-	\$6,537,919
Sum:		\$52,219	\$3,350,711	\$1,578,236	\$1,613,909	\$1,652,482	\$1,693,292	-	\$9,940,849

Water Resources Hydrant and Valve Replacement (CP0876)

CITYWIDE

Replace water valves and fire hydrants as determined by the Water Resources department.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$512,471	\$1,717,200	-	-	-	-	-	\$2,229,671
	2020 Water Bond	-	-	\$1,363,465	\$1,394,286	\$1,427,608	\$1,462,864	-	\$5,648,223
Sum:		\$512,471	\$1,717,200	\$1,363,465	\$1,394,286	\$1,427,608	\$1,462,864	-	\$7,877,894

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		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$9,158	\$414,120	-	-	-	-	-	\$423,278
	2020 Water Bond	-	-	\$288,530	\$295,052	\$302,103	\$309,563	-	\$1,195,248
Sum:		\$9,158	\$414,120	\$288,530	\$295,052	\$302,103	\$309,563	-	\$1,618,526

Water Valve Replacement (CP0651)

CITYWIDE

Replace water valves that have reached the end of their support lifecycle. This work will prevent service disruptions.

		Estimated Exp					Future Years		
Fund		Through FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	(3)	Totals
Capital	2014 Water Bond	\$561,563	\$350,000	-	-	-	-	-	\$911,563
Sum:		\$561,563	\$350,000	-	-	-	-	-	\$911,563