

**ATTACHMENT A**  
**PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM**

<a href="#">Schedule 1 – Total CIP by Program</a>	Page 2
<a href="#">Schedule 2 – Total CIP by Source of Funds</a>	3
<a href="#">Schedule 3 – Total CIP Funded with Operating Funds</a>	4
<a href="#">Schedule 4 – Total CIP Funded with Bond Funds</a>	5
<a href="#">Schedule 5 – Total CIP Funded with Other Capital Funds</a>	6
<a href="#">Schedule 6 – CIP Funded with Impact Fees</a>	7
<a href="#">Schedule 7 – Deferred General Obligation Bond Projects</a>	14
<a href="#">Schedule 8 – Preliminary CIP Highlights</a>	25

**Preliminary CIP Program Detail Reports**

<a href="#">Aviation</a>	33
<a href="#">Economic Development</a>	43
<a href="#">Facilities Management</a>	47
<a href="#">Fire Protection</a>	52
<a href="#">Housing</a>	54
<a href="#">Information Technology</a>	61
<a href="#">Libraries</a>	63
<a href="#">Neighborhood Services</a>	66
<a href="#">Parks, Recreation and Mountain Preserves</a>	68
<a href="#">Phoenix Convention Center</a>	81
<a href="#">Planning and Historic Preservation</a>	95
<a href="#">Public Transit</a>	97
<a href="#">Regional Wireless Cooperative</a>	112
<a href="#">Solid Waste Disposal</a>	114
<a href="#">Street Transportation and Drainage</a>	120
<a href="#">Wastewater</a>	156
<a href="#">Water</a>	181

**SCHEDULE 1**  
**SUMMARY OF 2019-24 PRELIMINARY CAPITAL IMPROVEMENT PROGRAM**  
**BY PROGRAM**

(In Thousands of Dollars)

	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
Aviation	\$ 308,333	\$ 191,522	\$ 180,012	\$ 97,956	\$ 91,097	\$ 868,920
Economic Development	8,561	5,939	7,211	5,624	5,174	32,509
Facilities Management	16,366	13,775	13,775	13,775	13,775	71,466
Fire Protection	16,353	-	-	-	-	16,353
Housing	27,756	18,882	11,820	9,320	9,520	77,298
Information Technology	5,869	3,969	3,969	3,969	3,969	21,745
Libraries	955	1,320	1,038	1,318	9,916	14,547
Neighborhood Services	700	-	-	-	-	700
Parks, Recreation and Mountain Preserves	34,727	23,575	25,750	29,350	30,170	143,572
Phoenix Convention Center	146,100	32,557	30,463	31,879	32,136	273,135
Planning and Historic Preservation	7,000	6,000	-	-	-	13,000
Public Transit	244,210	304,007	375,631	215,922	222,516	1,362,286
Regional Wireless Cooperative	9,204	7,325	6,002	6,002	6,000	34,533
Solid Waste Disposal	14,836	29,294	15,902	14,615	7,132	81,779
Street Transportation and Drainage	220,877	240,595	169,609	112,573	132,522	876,176
Wastewater	193,035	181,059	131,554	318,965	206,845	1,031,458
Water	362,728	516,474	246,548	271,424	284,168	1,681,342
<b>Total</b>	<b>\$ 1,617,610</b>	<b>\$ 1,576,293</b>	<b>\$ 1,219,284</b>	<b>\$ 1,132,692</b>	<b>\$ 1,054,940</b>	<b>\$ 6,600,819</b>

**SCHEDULE 2**  
**SUMMARY OF 2019-24 PRELIMINARY CAPITAL IMPROVEMENT PROGRAM**  
**BY SOURCE OF FUNDS**  
(In Thousands of Dollars)

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Operating Funds</b>						
<b>General Fund</b>						
General Fund	\$ 18,527	\$ 19,866	\$ 17,711	\$ 17,311	\$ 17,413	\$ 90,828
General Fund - Library	955	972	1,038	1,317	1,473	5,755
<b>Special Revenue Funds</b>						
Arizona Highway User Revenue	67,142	84,908	69,944	62,094	86,897	370,985
Capital Construction	12,669	13,361	9,491	8,981	8,981	53,483
Community Reinvestment	6,961	4,315	5,587	4,000	4,000	24,863
Development Services	7,056	6,039	39	39	39	13,212
Operating Grants	67,920	44,058	32,350	37,690	67,971	249,989
Other Restricted	10,517	3,848	2,110	2,438	1,724	20,637
Parks and Preserves	32,527	21,575	23,750	27,350	30,170	135,372
Regional Transit	8,333	5,067	3,850	4,130	3,867	25,247
Sports Facilities	2,000	2,000	2,000	2,000	-	8,000
Transportation 2050	106,373	87,002	51,038	50,097	73,459	367,969
<b>Enterprise Funds</b>						
Aviation	53,038	7,788	32,002	4,167	2,370	99,365
Convention Center	31,535	6,000	5,561	6,877	6,531	56,504
Solid Waste	6,781	2,886	4,809	4,442	3,368	22,286
Wastewater	59,376	73,972	45,411	155,450	145,261	479,470
Water	121,171	99,646	111,740	97,791	99,241	529,589
<b>Total Operating Funds</b>	<b>\$ 612,881</b>	<b>\$ 483,303</b>	<b>\$ 418,431</b>	<b>\$ 486,174</b>	<b>\$ 552,765</b>	<b>\$ 2,553,554</b>
<b>Bond Funds</b>						
<b>General Obligation Bonds</b>						
2006 General Obligation Bonds	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ 3,500
<b>Nonprofit Corporation Bonds</b>						
Nonprofit Corporation Bonds - Aviation	120,865	77,025	23,411	21,277	21,277	263,855
Nonprofit Corporation Bonds - Conv. Center	150	-	-	-	-	150
Nonprofit Corporation Bonds - Other	94,379	-	-	-	-	94,379
Nonprofit Corporation Bonds - Solid Waste	7,412	23,148	12,378	7,134	3,490	53,562
Nonprofit Corporation Bonds - T2050	75,000	203,945	343,217	156,014	104,799	882,975
Nonprofit Corporation Bonds - Wastewater	76,022	82,572	61,930	97,090	48,040	365,654
Nonprofit Corporation Bonds - Water	198,634	393,304	122,089	160,342	158,332	1,032,701
<b>Total Bond Funds</b>	<b>\$ 575,962</b>	<b>\$ 779,994</b>	<b>\$ 563,025</b>	<b>\$ 441,857</b>	<b>\$ 335,938</b>	<b>\$ 2,696,776</b>
<b>Other Capital Funds</b>						
<b>Other Capital Funds</b>						
Capital Grants	\$ 189,094	\$ 140,249	\$ 93,438	\$ 31,496	\$ 23,600	\$ 477,877
Capital Reserves	944	3,056	-	4,300	-	8,300
Customer Facility Charges	4	4	4	3	3	18
Federal, State and Other Participation	42,910	48,438	40,313	40,894	41,233	213,788
Impact Fees	89,321	19,472	4,604	2,220	16,300	131,917
Other Cities' Share in Joint Ventures	40,132	36,594	36,976	82,145	38,480	234,327
Passenger Facility Charge	65,527	64,840	62,145	43,231	46,264	282,007
Solid Waste Remediation	835	343	348	372	357	2,255
<b>Total Other Capital Funds</b>	<b>\$ 428,767</b>	<b>\$ 312,996</b>	<b>\$ 237,828</b>	<b>\$ 204,661</b>	<b>\$ 166,237</b>	<b>\$ 1,350,489</b>
<b>TOTAL</b>	<b>\$ 1,617,610</b>	<b>\$ 1,576,293</b>	<b>\$ 1,219,284</b>	<b>\$ 1,132,692</b>	<b>\$ 1,054,940</b>	<b>\$ 6,600,819</b>

**SCHEDULE 3**  
**SUMMARY OF 2019-24 PRELIMINARY CAPITAL IMPROVEMENT PROGRAM**  
**FINANCED FROM OPERATING FUNDS**  
(In Thousands of Dollars)

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
Aviation	\$ 52,846	\$ 7,670	\$ 31,884	\$ 4,049	\$ 2,252	\$ 98,701
Economic Development	8,561	5,939	7,211	5,624	5,174	32,509
Facilities Management	16,287	13,775	13,775	13,775	13,775	71,387
Fire Protection	6,100	-	-	-	-	6,100
Housing	21,644	15,832	9,420	7,220	7,220	61,336
Information Technology	3,969	3,969	3,969	3,969	3,969	19,845
Libraries	955	972	1,038	1,318	1,472	5,755
Neighborhood Services	700	-	-	-	-	700
Parks, Recreation and Mountain Preserves	34,727	23,575	25,750	29,350	30,170	143,572
Phoenix Convention Center	31,650	8,559	5,965	6,880	6,637	59,691
Planning and Historic Preservation	7,000	6,000	-	-	-	13,000
Public Transit	130,318	79,847	53,945	59,908	117,716	441,734
Solid Waste Disposal	6,589	2,803	3,176	2,809	3,285	18,662
Street Transportation and Drainage	111,471	140,941	103,794	96,678	116,789	569,673
Wastewater	48,175	73,873	43,682	152,546	132,507	450,783
Water	131,889	99,548	114,822	102,048	111,799	560,106
<b>Total Operating Funds</b>	<b>\$ 612,881</b>	<b>\$ 483,303</b>	<b>\$ 418,431</b>	<b>\$ 486,174</b>	<b>\$ 552,765</b>	<b>\$ 2,553,554</b>
<b>Source of Funds</b>						
<b>General Fund</b>						
General Fund	\$ 18,527	\$ 19,866	\$ 17,711	\$ 17,311	\$ 17,413	\$ 90,828
General Fund - Library	955	972	1,038	1,317	1,473	5,755
<b>Special Revenue Funds</b>						
Arizona Highway User Revenue	67,142	84,908	69,944	62,094	86,897	370,985
Capital Construction	12,669	13,361	9,491	8,981	8,981	53,483
Community Reinvestment	6,961	4,315	5,587	4,000	4,000	24,863
Development Services	7,056	6,039	39	39	39	13,212
Operating Grants	67,920	44,058	32,350	37,690	67,971	249,989
Other Restricted	10,517	3,848	2,110	2,438	1,724	20,637
Parks and Preserves	32,527	21,575	23,750	27,350	30,170	135,372
Regional Transit	8,333	5,067	3,850	4,130	3,867	25,247
Sports Facilities	2,000	2,000	2,000	2,000	-	8,000
Transportation 2050	106,373	87,002	51,038	50,097	73,459	367,969
<b>Enterprise Funds</b>						
Aviation	53,038	7,788	32,002	4,167	2,370	99,365
Convention Center	31,535	6,000	5,561	6,877	6,531	56,504
Solid Waste	6,781	2,886	4,809	4,442	3,368	22,286
Wastewater	59,376	73,972	45,411	155,450	145,261	479,470
Water	121,171	99,646	111,740	97,791	99,241	529,589
<b>Total Operating Funds</b>	<b>\$ 612,881</b>	<b>\$ 483,303</b>	<b>\$ 418,431</b>	<b>\$ 486,174</b>	<b>\$ 552,765</b>	<b>\$ 2,553,554</b>

**SCHEDULE 4**  
**SUMMARY OF 2019-24 PRELIMINARY CAPITAL IMPROVEMENT PROGRAM**  
**FINANCED FROM BOND FUNDS**  
(In Thousands of Dollars)

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
Aviation	\$ 120,866	\$ 77,025	\$ 23,410	\$ 21,277	\$ 21,277	263,855
Facilities Management	79	-	-	-	-	79
Fire Protection	5,900	-	-	-	-	5,900
Information Technology	1,100	-	-	-	-	1,100
Phoenix Convention Center	90,950	-	-	-	-	90,950
Public Transit	-	128,945	293,217	156,014	104,799	682,975
Solid Waste Disposal	7,412	23,148	12,378	7,134	3,490	53,562
Street Transportation and Drainage	75,000	75,000	50,000	-	-	200,000
Wastewater	74,760	82,572	61,931	97,090	48,040	364,393
Water	199,895	393,304	122,089	160,342	158,332	1,033,962
<b>Total Bond Funds</b>	<b>\$ 575,962</b>	<b>\$ 779,994</b>	<b>\$ 563,025</b>	<b>\$ 441,857</b>	<b>\$ 335,938</b>	<b>2,696,776</b>
<b>Source of Funds</b>						
<b>General Obligation Bonds</b>						
2006 General Obligation Bonds	\$ 3,500	\$ -	\$ -	\$ -	\$ -	3,500
<b>Nonprofit Corporation Bonds</b>						
Nonprofit Corporation Bonds - Aviation	120,865	77,025	23,411	21,277	21,277	263,855
Nonprofit Corporation Bonds - Conv. Center	150	-	-	-	-	150
Nonprofit Corporation Bonds - Other	94,379	-	-	-	-	94,379
Nonprofit Corporation Bonds - Solid Waste	7,412	23,148	12,378	7,134	3,490	53,562
Nonprofit Corporation Bonds - T2050	75,000	203,945	343,217	156,014	104,799	882,975
Nonprofit Corporation Bonds - Wastewater	76,022	82,572	61,930	97,090	48,040	365,654
Nonprofit Corporation Bonds - Water	198,634	393,304	122,089	160,342	158,332	1,032,701
<b>Total Bond Funds</b>	<b>\$ 575,962</b>	<b>\$ 779,994</b>	<b>\$ 563,025</b>	<b>\$ 441,857</b>	<b>\$ 335,938</b>	<b>2,696,776</b>

**SCHEDULE 5**  
**SUMMARY OF 2019-24 PRELIMINARY CAPITAL IMPROVEMENT PROGRAM**  
**FINANCED FROM OTHER CAPITAL FUNDS**  
(In Thousands of Dollars)

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
Aviation	\$ 134,621	\$ 106,827	\$ 124,717	\$ 72,630	\$ 67,569	\$ 506,364
Fire Protection	4,353	-	-	-	-	4,353
Housing	6,112	3,050	2,400	2,100	2,300	15,962
Information Technology	800	-	-	-	-	800
Libraries	-	349	-	-	8,443	8,792
Phoenix Convention Center	23,500	23,998	24,498	24,999	25,499	122,494
Public Transit	113,892	95,215	28,470	-	-	237,577
Regional Wireless Cooperative	9,204	7,325	6,002	6,002	6,000	34,533
Solid Waste Disposal	835	3,343	348	4,672	357	9,555
Street Transportation and Drainage	34,406	24,654	15,815	15,895	15,733	106,503
Wastewater	70,100	24,614	25,941	69,329	26,298	216,282
Water	30,944	23,621	9,637	9,034	14,038	87,274
<b>Total Other Capital Funds</b>	<b>\$ 428,767</b>	<b>\$ 312,996</b>	<b>\$ 237,828</b>	<b>\$ 204,661</b>	<b>\$ 166,237</b>	<b>\$ 1,350,489</b>
<b>Source of Funds</b>						
<b>Other Capital Funds</b>						
Capital Grants	\$ 189,094	\$ 140,249	\$ 93,438	\$ 31,496	\$ 23,600	\$ 477,877
Capital Reserves	944	3,056	-	4,300	-	8,300
Customer Facility Charges	4	4	4	3	3	18
Federal, State and Other Participation	42,910	48,438	40,313	40,894	41,233	213,788
Impact Fees	89,321	19,472	4,604	2,220	16,300	131,917
Other Cities' Share in Joint Ventures	40,132	36,594	36,976	82,145	38,480	234,327
Passenger Facility Charge	65,527	64,840	62,145	43,231	46,264	282,007
Solid Waste Remediation	835	343	348	372	357	2,255
<b>Total Other Capital Funds</b>	<b>\$ 428,767</b>	<b>\$ 312,996</b>	<b>\$ 237,828</b>	<b>\$ 204,661</b>	<b>\$ 166,237</b>	<b>\$ 1,350,489</b>

**SCHEDULE 6  
SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM  
DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Northern Areas: Deer Valley, Desert View and North Gateway</u></b>						
<b><u>Fire Protection</u></b>						
<b>FD57100025 FIRE DEPARTMENT IMPACT FEE INFRASTRUCTURE</b>						
Provide funding for programming various impact fee areas as projects are identified.	\$ 1,212,257	-	-	-	-	\$ 1,212,257
<b>Total</b>	<b>\$ 1,212,257</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 1,212,257</b>
<b><u>Libraries</u></b>						
<b>LS71200050 NORTH GATEWAY BRANCH LIBRARY</b>						
Design and construct a new library branch in the North Gateway area with partial funding identified.	-	-	-	-	\$ 669,266	\$ 669,266
<b>LS71200086 DESERT BROOM LIBRARY EXPANSION</b>						
Design and construct a 15,000 square-foot expansion of Desert Broom Library.	-	-	-	-	\$ 2,403,956	\$ 2,403,956
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 3,073,222</b>	<b>\$ 3,073,222</b>
<b><u>Street Transportation and Drainage</u></b>						
<b>ST85100270 IMPACT FEE PROJECTS</b>						
Complete major street projects in impact fee areas.	\$ 12,250,309	-	-	-	-	\$ 12,250,309
<b>Total</b>	<b>\$ 12,250,309</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 12,250,309</b>

**SCHEDULE 6**  
**SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM**  
**DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Wastewater</u></b>						
<b>WS90500175 WASTEWATER IMPACT FEE CONTINGENCY</b>						
Provide available funding for programming various impact fee areas as projects are identified.	\$ 19,567,094	-	-	-	-	\$ 19,567,094
<b>WS90500235 NORTHERN WASTEWATER DESERT VIEW INFRASTRUCTURE</b>						
Construct large growth-related wastewater infrastructure in the Desert View impact fee area.	\$ 6,367,832	-	-	-	-	\$ 6,367,832
<b>WS90500236 NORTHERN WASTEWATER NORTH GATEWAY INFRASTRUCTURE</b>						
Construct large growth-related wastewater infrastructure in the North Gateway impact fee area.	\$ 6,590,986	-	-	-	-	\$ 6,590,986
<b>Total</b>	<b>\$ 32,525,912</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 32,525,912</b>



**SCHEDULE 6**  
**SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM**  
**DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Water</u></b>						
<b>WS85100043 BOOSTER 7A-B3 5 MILLION GALLON – 56TH STREET AND PINNACLE PEAK ROAD</b>						
Construct a new booster station to serve pressure zone 7A, located at Pinnacle Peak Tank site 7A-GS2 at 56th Street and Pinnacle Peak Road.	-	-	-	-	\$ 258,200	\$ 258,200
<b>WS85110003 5E-R6 PRESSURE REDUCING VALVE STATION</b>						
Design and construct a 5 million gallon per day pressure reducing valve station and 500 feet of 16-inch water main on Scottsdale Road north of Mayo Boulevard.	-	-	-	\$ 355,000	\$ 1,421,000	\$ 1,776,000
<b>WS85500350 NORTHERN WATER IMPACT FEE INFRASTRUCTURE</b>						
Construct large, growth-related water infrastructure in the Desert View development impact fee area.	\$ 19,785	-	-	-	-	\$ 19,785
<b>WS85500410 WATER MAIN: 24-INCH ZONE 6A</b>						
Install 6,100 linear feet of 24-inch water main in Deer Valley Road between 64th Street and 56th Street.	-	\$ 425,000	\$ 1,702,000	-	-	\$ 2,127,000
<b>WS85500412 WATER MAIN: 16-INCH ZONE 6A LOOP</b>						
Install 20,800 linear feet of 16-inch water main in Happy Valley Road, east to Black Mountain Road, north to Jomax Road, west to Cave Creek Road, and south to Happy Valley Road.	-	-	-	\$ 1,253,000	\$ 3,127,420	\$ 4,380,420
<b>WS85500413 WATER MAIN: 16-INCH ZONE 5E</b>						
Install 6,600 linear feet of 16-inch water main in Cave Creek Road, southwest to Pinnacle Peak Road and east to 32nd Street.	\$ 398,000	\$ 1,591,000	-	-	-	\$ 1,989,000
<b>WS85500414 WATER MAIN: 24-INCH ZONE 6A</b>						
Install 10,400 linear feet of 24-inch water main in 64th Street between Pinnacle Peak Road and Deer Valley Road.	-	\$ 725,000	\$ 2,902,000	-	-	\$ 3,627,000
<b>WS85500415 WATER MAIN: 16-INCH ZONE 6A</b>						
Install 3,900 linear feet of 16-inch water main in Scottsdale Road between Deer Valley Road and the 101 Freeway.	-	-	-	\$ 235,000	\$ 940,000	\$ 1,175,000
<b>WS85500419 WATER MAIN: 16-INCH ZONE 6B</b>						
Install 4,000 linear feet of 16-inch water main in Dove Valley Road between 15th Avenue and Central Avenue.	\$ 241,000	\$ 964,000	-	-	-	\$ 1,205,000

**SCHEDULE 6**  
**SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM**  
**DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500420 WATER MAIN: 16-INCH ZONE 6A</b>						
Install 8,700 linear feet of 16-inch water main in Cave Creek Road between Happy Valley Road and Pinnacle Peak Road, then east in Pinnacle Peak Road to 40th Street.	\$ 524,000	\$ 2,097,000	-	-	-	\$ 2,621,000
<b>WS85500421 WATER MAIN: 24-INCH ZONE 6A</b>						
Install 5,400 linear feet of 24-inch water main in Deer Valley Road between 64th Street and Scottsdale Road.	-	-	-	\$ 377,000	\$ 1,507,000	\$ 1,884,000
<b>WS85500431 WATER MAIN: ROSE GARDEN LANE FROM 40TH STREET TO LOOP 101</b>						
Construct 5,900 linear feet of water main along Rose Garden Lane from 40th Street to Loop 101.	-	-	-	-	\$ 189,300	\$ 189,300
<b>WS85500432 WATER MAIN: PINNACLE PEAK ROAD FROM 56TH STREET TO 64TH STREET</b>						
Construct 2,600 linear feet of water main along Pinnacle Peak Road from 56th Street to 64th Street.	-	-	-	-	\$ 83,400	\$ 83,400
<b>WS85500433 WATER MAIN: MAYO BOULEVARD FROM TATUM BOULEVARD TO 56TH STREET</b>						
Construct 5,900 linear feet of water main along Mayo Boulevard from Tatum Boulevard to 56th Street.	-	-	-	-	\$ 163,500	\$ 163,500
<b>WS85500434 WATER MAIN: PINNACLE PEAK ROAD FROM TATUM BOULEVARD TO 56TH STREET</b>						
Construct 5,500 linear feet of water main along Pinnacle Peak Road from Tatum Boulevard to 7A-B3.	-	-	-	-	\$ 166,000	\$ 166,000
<b>Total</b>	<b>\$ 1,182,785</b>	<b>\$ 5,802,000</b>	<b>\$ 4,604,000</b>	<b>\$ 2,220,000</b>	<b>\$ 7,855,820</b>	<b>\$ 21,664,605</b>
<b>PROJECT TOTAL FOR AREA</b>	<b>\$ 47,171,263</b>	<b>\$ 5,802,000</b>	<b>\$ 4,604,000</b>	<b>\$ 2,220,000</b>	<b>\$ 10,929,042</b>	<b>\$ 70,726,305</b>

**SCHEDULE 6  
SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM  
DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Southern Areas: Ahwatukee, Estrella and Laveen</u></b>						
<b><u>Fire Protection</u></b>						
<b>FD57100024 FIRE STATION 58 IN ESTRELLA LAVEEN</b>						
Design, construct and equip Fire Station 58 at 47th Avenue and Dobbins Road.	\$ 260,000	-	-	-	-	\$ 260,000
<b>FD57100025 FIRE DEPARTMENT IMPACT FEE INFRASTRUCTURE</b>						
Provide funding for programming various impact fee areas as projects are identified.	\$ 2,880,863	-	-	-	-	\$ 2,880,863
<b>Total</b>	<b>\$ 3,140,863</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 3,140,863</b>
<b><u>Libraries</u></b>						
<b>LS71200043 ESTRELLA LIBRARY</b>						
Design and construct a new library branch in the Estrella area with partial funding identified.	-	-	-	-	\$ 5,370,097	\$ 5,370,097
<b>LS71200081 IRONWOOD BRANCH REMODEL</b>						
Construct improvements to Ironwood Branch Library.	-	\$ 349,049	-	-	-	\$ 349,049
<b>Total</b>	<b>-</b>	<b>\$ 349,049</b>	<b>-</b>	<b>-</b>	<b>\$ 5,370,097</b>	<b>\$ 5,719,146</b>

**SCHEDULE 6  
SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM  
DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Street Transportation and Drainage</u></b>						
<b>ST83160002 STORM DRAIN FACILITIES IMPACT FEE CONTINGENCY</b>						
Provide available funding for storm drainage in impact fee areas as projects are identified.	\$ 1,510,000	-	-	-	-	\$ 1,510,000
<b>ST85100270 IMPACT FEE PROJECTS</b>						
Complete major street projects in impact fee areas.	\$ 1,091,846	-	-	-	-	\$ 1,091,846
<b>ST85100409 BUCKEYE ROAD: 67TH AVENUE TO 59TH AVENUE</b>						
Construct street improvements to include roadway widening, drainage improvements, a HAWK crossing, bike lanes, new street lighting, curb, gutter and sidewalks, multi-use trail and ADA improvements.	-	\$ 157,000	-	-	-	\$ 157,000
<b>Total</b>	<b>\$ 2,601,846</b>	<b>\$ 157,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 2,758,846</b>
 <b><u>Wastewater</u></b>						
<b>WS90500175 WASTEWATER IMPACT FEE CONTINGENCY</b>						
Provide available funding for programming various impact fee areas as projects are identified.	\$ 16,735,826	-	-	-	-	\$ 16,735,826
<b>WS90500237 SOUTHERN WASTEWATER LAVEEN WEST INFRASTRUCTURE</b>						
Construct large growth-related wastewater infrastructure in the Laveen West impact fee area.	\$ 5,474,079	\$ 1,606,825	-	-	-	\$ 7,080,904
<b>WS90500286 24-INCH GRAVITY SEWER 59TH AVENUE FROM BASELINE ROAD TO DOBBINS ROAD</b>						
Design and construct a 24-inch gravity sewer along 59th Avenue from Baseline Road to Dobbins Road.	\$ 4,535,000	-	-	-	-	\$ 4,535,000
<b>Total</b>	<b>\$ 26,744,905</b>	<b>\$ 1,606,825</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 28,351,730</b>

**SCHEDULE 6**  
**SUMMARY OF PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM**  
**DEVELOPMENT IMPACT FEES FUNDED PROJECTS**

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Water</u></b>						
<b>WS85110002 OS-NR8 PRESSURE REDUCING VALVE STATION</b>						
Design and construct a 2.5 million gallon per day pressure reducing valve station at 51st Avenue and Elliot Road.	\$ 291,000	\$ 1,162,000	-	-	-	\$ 1,453,000
<b>WS85500353 SOUTHERN WATER IMPACT FEE INFRASTRUCTURE</b>						
Construct large, growth-related water infrastructure in the Southern development impact fee area.	\$ 8,311,938	-	-	-	-	\$ 8,311,938
<b>WS85500427 WATER MAIN: 16-INCH ZONE 1 – 51ST AVENUE</b>						
Install 5,000 linear feet of 16-inch water main in 51st Avenue from Elliott Road to Estrella Drive.	\$ 136,700	\$ 1,349,600	-	-	-	\$ 1,486,300
<b>WS85500428 WATER MAIN: 16-INCH ZONE 1 – DOBBINS ROAD</b>						
Install 5,300 linear feet of 16-inch water main in Dobbins Road from 35th Avenue to 43rd Avenue.	\$ 146,900	\$ 1,449,700	-	-	-	\$ 1,596,600
<b>WS85500429 WATER MAIN: DOBBINS ROAD FROM 27TH AVENUE TO 35TH AVENUE</b>						
Construct 5,300 linear feet of water main on Dobbins Road from 27th Avenue to 35th Avenue.	\$ 170,100	\$ 1,678,300	-	-	-	\$ 1,848,400
<b>WS85500436 WATER MAIN: 16-INCH ZONE 1 - 35TH AVENUE</b>						
Install 5,150 linear feet of 16-inch water main in 35th Avenue from Dobbins Road to Elliott Road.	\$ 142,800	\$ 1,408,700	-	-	-	\$ 1,551,500
<b>WS85500440 WATER MAIN: 16-INCH ZONE 1 – CARVER MOUNTAIN LOOP</b>						
Install 12,000 linear feet of 16-inch water main in Carver Mountain Loop from Carver Road and 51st Avenue to Elliott Road and 35th Avenue to South Mountain reservoir site.	\$ 462,900	\$ 4,509,203	-	-	-	\$ 4,972,103
<b>Total</b>	<b>\$ 9,662,338</b>	<b>\$ 11,557,503</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 21,219,841</b>
<b>PROJECT TOTAL FOR AREA</b>	<b>\$ 42,149,952</b>	<b>\$ 13,670,377</b>	<b>-</b>	<b>-</b>	<b>\$ 5,370,097</b>	<b>\$ 61,190,426</b>

## SCHEDULE 7 DEFERRED GENERAL OBLIGATION BOND PROJECTS

Due to property tax revenue limitations, in 2012, the Phoenix City Council voted to defer \$139.1 million in 1988, 2001 and 2006 General Obligation Bond projects. The projects identified for deferral at the time of Council action are listed below. Once sufficient capacity exists, the City Council may restore, reprioritize, or redistribute funding for these projects or other projects subsequently identified.

<b>Total Deferred Bond Funding</b>		<b>\$ 139,060,430</b>
<b>Arts and Cultural Facilities</b>		<b>\$ 375,500</b>
AR00000005	HISPANIC CULTURAL CENTER	\$ 302,000
	Construct or renovate a facility for a Hispanic cultural center. 2001 Education, Youth and Cultural Facilities Bonds	302,000
AR00000015	CHICANOS POR LA CAUSA	\$ 49,500
	Study to renovate Santa Rita Hall as a cultural center located at 1017 East Hadley Street. 2006 Libraries, Senior and Cultural Centers Bonds	49,500
AR45000001	CULTURAL FACILITIES PERCENT FOR ART	\$ 24,000
	Design and fabricate artwork for a cultural facility bond project. 2001 Education, Youth and Cultural Facilities Bonds	14,000
	2006 Libraries, Senior and Cultural Centers Bonds	10,000
<b>Economic Development</b>		<b>\$ 16,951,605</b>
CD10000019	ARTIST STOREFRONT PROGRAM	\$ 408,000
	Stimulate the arts and art-related businesses, and eliminate slum and blight downtown. 2006 Libraries, Senior and Cultural Centers Bonds	408,000
CD30000002	PHOENIX BIOMEDICAL CAMPUS IMPROVEMENTS	\$ 800,000
	Construct infrastructure improvements at the Phoenix Biomedical Campus. 2006 Education Bonds	800,000
CD30000005	ASU POST OFFICE	\$ 1,043,000
	Renovate the downtown Post Office facility to accommodate student services. 2006 Parks and Open Spaces Bonds	1,043,000
CD30000009	DOWNTOWN LAND ACQUISITION - HOUSING/MIXED USE	\$ 1,837,000
	Acquire land in the downtown area to assist in the development of residential projects. 2006 Affordable Housing and Neighborhoods Bonds	1,837,000
CD30000011	DOWNTOWN GATEWAYS AND OASIS	\$ 988,000
	Construct shade structures and signage leading into and around downtown. 2006 Street and Storm Sewer Improvements Bonds	988,000
CD30000012	LIFE SCIENCE RESEARCH PARK	\$ 1,188,000
	Support the development of bioscience research including academic, clinical and office uses. 2006 Education Bonds	1,188,000
CD30000015	HOPE VI/RIO SALADO CONNECTORS DOWNTOWN	\$ 3,149,000
	Construct wide sidewalks, attractive and desert appropriate landscaping and decorative and practical lighting to make the area pedestrian-friendly. 2006 Street and Storm Sewer Improvements Bonds	3,149,000

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

ED10000018	STATE LAND INFRASTRUCTURE PROJECT	\$	198,000
	Conduct feasibility studies and design work, and provide public infrastructure such as sewer/storm drains, curb, gutter, lighting and other improvements as necessary in the public right-of-way for retail development.		
	2006 Street and Storm Sewer Improvements Bonds		198,000
ED10000019	STATE FAIR REDEVELOPMENT	\$	2,584,000
	Contribute to master planning activities, consulting and acquisition of property for the state fairground relocation, and facilitate redevelopment of the existing fairground site.		
	2006 Affordable Housing and Neighborhoods Bonds		2,584,000
ED10000020	WEST PHOENIX REVITALIZATION	\$	4,382,000
	Facilitate external improvements including facade enhancements, landscaping, lighting, signage and public infrastructure enhancements at existing commercial properties within west Phoenix.		
	2006 Affordable Housing and Neighborhoods Bonds		4,382,000
AR87000007	PHOENIX BIOMEDICAL CAMPUS PERCENT FOR ART	\$	374,605
	Construct outdoor artwork for the Phoenix Biomedical Campus.		
	2006 Affordable Housing and Neighborhoods Bonds		60,600
	2006 Education Bonds		168,404
	2006 Libraries, Senior and Cultural Centers Bonds		3,600
	2006 Parks and Open Spaces Bonds		25,000
	2006 Street and Storm Sewer Improvements Bonds		117,001
<b>Facilities Management</b>		<b>\$</b>	<b>6,721,009</b>
EP60600000	BROWNFIELDS REDEVELOPMENT	\$	2,428,129
	Acquire, investigate, cleanup, and provide redevelopment assistance for environmentally-impaired properties for city and private projects.		
	2006 Affordable Housing and Neighborhoods Bonds		2,428,129
PW23240003	PHOENIX CITY HALL - SYSTEM MODERNIZATION	\$	2,875,850
	Replace critical facility and support systems.		
	2006 Libraries, Senior and Cultural Centers Bonds		2,875,850
PW23240004	PHOENIX CITY HALL - SPACE EFFICIENCY / RECONFIGURATION	\$	1,075,000
	Increase work space efficiencies through partial restacking.		
	2006 Libraries, Senior and Cultural Centers Bonds		1,075,000
PW25100001	ESTRELLA SERVICE CENTER UNLEADED FUEL SITE	\$	185,380
	Construct an unleaded fuel site at Estrella Service Center.		
	2001 Environmental Improvement and Cleanup Bonds		185,380
AR70200001	PUBLIC WORKS PERCENT FOR ART	\$	156,650
	Design and fabricate artwork for Public Works projects.		
	2006 Libraries, Senior and Cultural Centers Bonds		156,650
<b>Fire Protection</b>		<b>\$</b>	<b>13,906,303</b>
FD57100011	FIRE STATION 62 AT 99TH AVENUE AND LOWER BUCKEYE ROAD	\$	598,000
	Improve sidewalks and curbing for the future Fire Station 62 at 99th Avenue and Lower Buckeye Road.		
	2001 Fire Protection Bonds		598,000

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

FD57100020	FIRE STATION 74 IN WEST AHWATUKEE FOOTHILLS	\$	4,754,350
	Design, construct and equip Fire Station 74 in West Ahwatukee Foothills. 2006 Police, Fire and Homeland Security Bonds		4,754,350
FD57100021	FIRE STATION 55 ALONG I-17 FREEWAY	\$	7,373,339
	Design, construct and equip Fire Station 55 along I-17 near the borders of Deer Valley and North Gateway villages. 2006 Police, Fire and Homeland Security Bonds		7,373,339
FD57100022	FIRE STATION 59 IN ESTRELLA VILLAGE	\$	653,635
	Construct Fire Station 59 in Estrella Village. 2006 Police, Fire and Homeland Security Bonds		653,635
FD57120003	PUBLIC SAFETY DRIVER EDUCATION FACILITY	\$	98,686
	Equip the Public Safety Driver Education Facility. 2001 Fire Protection Bonds		98,686
FD57120005	FIREFIGHTER TRAINING TECHNOLOGY	\$	201,293
	Acquire technology to improve firefighter training. 2001 Police, Fire and Computer Technology Bonds		201,293
AR57000007	FIRE STATION 55 PERCENT FOR ART	\$	107,000
	Develop enhancements for public areas of the fire station. 2006 Police, Fire and Homeland Security Bonds		107,000
AR57000009	FIRE STATION 74 PERCENT FOR ART	\$	120,000
	Develop enhancements for public areas of the fire station. 2001 Fire Protection Bonds 2006 Police, Fire and Homeland Security Bonds		103,000 17,000
<b>Historic Preservation</b>		<b>\$</b>	<b>1,452,754</b>
HP13000001	MATTHEW HENSON HOUSING DEVELOPMENT	\$	831,600
	Rehabilitate historic buildings at HOPE VI project for parks and youth activities. 2006 Parks and Open Spaces Bonds		831,600
HP30000004	SOUTH MOUNTAIN COMPLEX	\$	589,000
	Rehabilitate historic buildings at South Mountain Park entrance. 2001 Preserving Phoenix Heritage Bonds		589,000
AR46000002	HISTORIC PRESERVATION PERCENT FOR ART	\$	32,154
	Commission artwork for the Historic Preservation Department. 2006 Affordable Housing and Neighborhoods Bonds 2006 Education Bonds 2006 Parks and Open Spaces Bonds		5,272 4,000 22,882
<b>Housing</b>		<b>\$</b>	<b>1,221,000</b>
AH20640001	UNITED METHODIST OUTREACH MINISTRIES (UMOM) NEW DAY CENTER	\$	1,221,000
	Construct new transitional housing units at the United Methodist Outreach Ministries - New Day Center located at 3333 East Van Buren. 2006 Affordable Housing and Neighborhoods Bonds		1,221,000



**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

<b>Human Services</b>		<b>\$</b>	<b>12,631,836</b>
HS60050001	<b>51ST AVENUE SENIOR CENTER</b>	\$	1,889,540
	Design and construct a new 12,000 square foot multi-purpose senior center to be located adjacent to the new Southwest Family Services Center. 2006 Libraries, Senior and Cultural Centers Bonds		1,889,540
HS60050002	<b>16TH STREET SENIOR CENTER</b>	\$	1,644,000
	Purchase land for construction of a new 12,000 square foot multi-purpose senior center near 16th Street and Ocotillo Road. 2006 Libraries, Senior and Cultural Centers Bonds		1,644,000
HS80050005	<b>NORTH FAMILY SERVICES CENTER</b>	\$	641,993
	Renovate an existing space for a family services presence in the North Valley. 2001 Neighborhood Protection and Senior Centers Bonds		641,993
HS80050007	<b>SOUTHWEST FAMILY SERVICES CENTER</b>	\$	5,262,764
	Design, construct and equip the Southwest Family Services Center. 2001 Neighborhood Protection and Senior Centers Bonds		5,262,764
HS99000003	<b>NATIVE AMERICAN BUSINESS AND CULTURAL CENTER</b>	\$	1,641,000
	Assist with a project to co-locate Native American Connections, Phoenix Indian Center and Native Health to provide human services in one central location. 2006 Libraries, Senior and Cultural Centers Bonds		1,641,000
PD00000041	<b>FAMILY ADVOCACY CENTER</b>	\$	1,495,276
	Renovate a portion of the Family Advocacy Center. 2006 Police, Fire and Homeland Security Bonds		1,495,276
AR89000003	<b>SOUTHWEST FAMILY SERVICE CENTER PERCENT FOR ART</b>	\$	57,263
	Design and install a terrazzo floor for the new center at 51st Avenue and Lower Buckeye Road. 2001 Neighborhood Protection and Senior Centers Bonds 2006 Libraries, Senior and Cultural Centers Bonds		40,170 17,093
<b>Information Technology</b>		<b>\$</b>	<b>5,139,361</b>
CK10002006	<b>ELECTIONS ACCESSIBLE VOTING</b>	\$	595,000
	Purchase equipment to expand availability of accessible voting. 2006 Police, Fire and City Technology Bonds		595,000
IT10101000	<b>E-GOVERNMENT ENHANCEMENTS</b>	\$	1,060,000
	Provide improved customer service by integrating e-government telephone and online services. 2006 Police, Fire and City Technology Bonds		1,060,000
IT10200002	<b>SECURITY MANAGEMENT</b>	\$	31,046
	Acquire information security management software tools and associated hardware. 2001 Police, Fire and Computer Technology Bonds		31,046
IT10201000	<b>BUSINESS DATA LIFECYCLE MANAGEMENT TOOLS</b>	\$	534,000
	Enhance the city's ability to continue operations and services within a reasonable time in case of emergency or disaster. 2006 Police, Fire and City Technology Bonds		534,000

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

IT10201100	ALTERNATE INFORMATION TECHNOLOGY OPERATIONS CENTER	\$	384,213
	Establish a secondary equipment data center to ensure business continuity. 2006 Police, Fire and City Technology Bonds		384,213
IT20101100	IDENTITY MANAGEMENT	\$	341,213
	Implement processes and technology to secure user identities in city systems. 2001 Police, Fire and Computer Technology Bonds 2006 Police, Fire and City Technology Bonds		216,760 124,453
IT20101101	WIRELESS ACCESS	\$	312,170
	Secure city wireless infrastructure to establish public broadband hot spots. 2006 Police, Fire and City Technology Bonds		312,170
IT20300001	STABILIZE TELEPHONE SYSTEM	\$	104,227
	Acquire equipment and services to stabilize the city's telephone system. 2001 Police, Fire and Computer Technology Bonds		104,227
IT40001000	GEOGRAPHIC INFORMATION SYSTEM (GIS) ENHANCEMENTS	\$	1,777,492
	Improve the city's Geographic Information System. 2006 Police, Fire and City Technology Bonds		1,777,492
<b>Libraries</b>		<b>\$</b>	<b>5,667,846</b>
LS71200050	NORTH GATEWAY BRANCH LIBRARY	\$	1,272,645
	Design and construct a new library branch in the North Gateway area. Partial funding identified. 2001 New & Improved Libraries Bonds		1,272,645
LS71200054	WEST AHWATUKEE BRANCH LIBRARY	\$	578,814
	Design and construct a new library branch in the West Ahwatukee area. Partial funding identified. 2001 New & Improved Libraries Bonds		578,814
LS71200070	EXPAND PATRON SELF-SERVICE	\$	350,000
	Expand library patron self-service capabilities. 2006 Libraries, Senior and Cultural Centers Bonds		350,000
LS71200078	LIBRARY TECHNOLOGY IMPROVEMENTS	\$	1,145,947
	Implement library technology improvements. 2006 Libraries, Senior and Cultural Centers Bonds		1,145,947
LS71200080	CENTRAL PLANT REPLACEMENT	\$	2,000,000
	Replace the central heating and cooling system at Burton Barr Central Library. 2001 New & Improved Libraries Bonds		2,000,000
LS71200081	IRONWOOD BRANCH REMODEL	\$	280,440
	Construct improvements to Ironwood Branch Library. 2001 New & Improved Libraries Bonds		280,440
AR75000006	CULTURAL VOICES-ARIZONA ARTISTS PERCENT FOR ART	\$	40,000
	Interview leading Arizona artists and cultural figures to document Arizona's evolution the past 100 years coordinating with the Library's oral history project. 2006 Libraries, Senior and Cultural Centers Bonds		40,000

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

<b>Neighborhood Services</b>		<b>\$ 6,898,322</b>
CM40630001	<b>SMALL HIGH SCHOOL PARTNERSHIPS</b> Establish a program to encourage the creation of small Phoenix high schools designed to prepare students for careers in high-demand fields. 2006 Education Bonds	\$ 1,195,572  1,195,572
ND30000001	<b>INFRASTRUCTURE ENHANCEMENT</b> Improve sidewalks, lighting and landscaping to enhance neighborhoods. 2006 Affordable Housing and Neighborhoods Bonds	\$ 1,598,000  1,598,000
ND30000002	<b>REVITALIZATION / BLIGHT</b> Acquire property and provide development incentives for blight elimination and other revitalization purposes. 2006 Affordable Housing and Neighborhoods Bonds	\$ 2,114,000  2,114,000
ND30000003	<b>SUSTAINABILITY</b> Partner with other city departments to implement park development and traffic mitigation improvement projects to enhance neighborhoods. 2006 Affordable Housing and Neighborhoods Bonds	\$ 1,228,000  1,228,000
ND30020001	<b>BLIGHT ELIMINATION AND REVITALIZATION ACQUISITION</b> Acquire property for blight elimination and revitalization purposes. 2001 Neighborhood Protection and Senior Centers Bonds	\$ 35,750  35,750
ND30050074	<b>ROBERTA HENRY PLAT, PHASE I - III</b> Develop infrastructure for city owned land to develop 27 unit single family homes between 32nd and 33rd Avenues, south of McDowell Road. 2006 Affordable Housing and Neighborhoods Bonds	\$ 727,000  727,000
<b>Parks, Recreation and Mountain Preserves</b>		<b>\$ 19,027,791</b>
PA75100026	<b>PARK ACQUISITION</b> Develop future park sites citywide. 2001 Parks, Open Space and Recreation Facilities Bonds	\$ 1,413,938  1,413,938
PA75150008	<b>NEW TRAILS</b> Construct new trails citywide. 2001 Parks, Open Space and Recreation Facilities Bonds 2006 Parks and Open Spaces Bonds	\$ 391,864  27,080 364,784
PA75150040	<b>PHOENIX MOUNTAIN PRESERVE TRAIL SIGNING AND CLOSURE</b> Construct signage for new trails and demolish spider trails in the Phoenix Mountain Preserves. 1988 Parks Bonds	\$ 370,750  370,750
PA75200097	<b>LADMO PARK IMPROVEMENTS</b> Construct park improvements at Ladmo Park located at 41st Avenue and Earll Drive. 2001 Neighborhood Protection and Senior Centers Bonds	\$ 50,000  50,000
PA75200214	<b>MARYVALE PARK IMPROVEMENTS</b> Construct park renovations to include irrigation, turf and ramadas located at 51st Avenue and Campbell Avenue. 2006 Parks and Open Spaces Bonds	\$ 373,203  373,203

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

PA75200267	UNNAMED PARK AT 43RD AVENUE AND SWEETWATER	\$	22,537
	Develop a joint park project with ASU West located adjacent to school campus. 2001 Parks, Open Space and Recreation Facilities Bonds		22,537
PA75200317	HOPE VI PARK DEVELOPMENT	\$	2,275,270
	Renovate building interiors of up to five historical buildings for public recreation use. 2006 Parks and Open Spaces Bonds		2,275,270
PA75200334	WATER MANAGEMENT	\$	330,051
	Modernize park facilities using high-tech water conservation equipment. 2006 Parks and Open Spaces Bonds		330,051
PA75200335	CORONADO PARK	\$	1,287,000
	Construct park improvements at Coronado Park located at 12th Street and Coronado Road. 2006 Parks and Open Spaces Bonds		1,287,000
PA75200336	PAPAGO PARK	\$	878,883
	Construct restrooms and ramadas, renovate office and upgrade utilities at Papago Park located at Van Buren Street and Galvin Parkway. 2006 Parks and Open Spaces Bonds		878,883
PA75200337	UNNAMED PARK AT 32ND AVENUE AND MCDOWELL	\$	1,980,000
	Develop a master plan and construct a park located at 32nd Avenue and McDowell Road. 2006 Parks and Open Spaces Bonds		1,980,000
PA75200349	SPORTS FIELDS LIGHTING	\$	362,620
	Install citywide sports field lighting. 2006 Parks and Open Spaces Bonds		362,620
PA75300029	PHOENIX CENTER FOR THE COMMUNITY ARTS RENOVATION AND ADA IMPROVEMENTS	\$	5,505,350
	Renovate and construct ADA improvements at the Phoenix Center for the Community Arts at 1202 North 3rd Street. 2006 Libraries, Senior and Cultural Centers Bonds		5,505,350
PA75300088	HERITAGE SQUARE	\$	376,912
	Renovate buildings, upgrade landscaping and irrigation systems and provide general building repairs to Heritage Square located at 113 North 6th Street. 2006 Parks and Open Spaces Bonds		376,912
PA75300094	LA PRADERA COMMUNITY CENTER	\$	3,172,360
	Construct the La Pradera community center. 2006 Parks and Open Spaces Bonds		3,172,360
AR74000008	RIO SALADO ENHANCEMENTS PERCENT FOR ART	\$	117,053
	Commission an artist to integrate art features for the Rio Salado project. 2001 Environmental Improvement and Cleanup Bonds		117,053
AR74000015	PIONEER LIVING HERITAGE VILLAGE PERCENT FOR ART	\$	120,000
	Develop artwork for the Pioneer Living Heritage Village. 2006 Libraries, Senior and Cultural Centers Bonds		1,100
	2006 Parks and Open Spaces Bonds		118,900

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

<b>Police Protection</b>		<b>\$ 22,754,918</b>
PD00000017	<b>FIRING RANGE AND DRIVING TRACK IMPROVEMENTS</b>	\$ 440,000
	Construct improvements to the police firing range and police driving track. 2001 Police Protection Facilities and Equipment Bonds	440,000
PD00000021	<b>FACILITIES RENOVATIONS</b>	\$ 186,000
	Renovate Police Department facilities. 2001 Police Protection Facilities and Equipment Bonds	186,000
PD00000043	<b>POLICE AIRCRAFT HANGAR FACILITIES</b>	\$ 3,960,778
	Design, construct and equip a hangar at Deer Valley Phoenix Airport. 2006 Police, Fire and Homeland Security Bonds	3,960,778
PD00000047	<b>NORTHWEST PRECINCT LAND</b>	\$ 2,597,072
	Purchase land for the Northwest Precinct. 2006 Police, Fire and Homeland Security Bonds	2,597,072
PD00000049	<b>NORTHWEST / CACTUS PRECINCT</b>	\$ 14,919,828
	Renovate and modify a new Northwest Precinct at 2222 West Greenway Road. 2006 Police, Fire and Homeland Security Bonds	14,919,828
PD00000072	<b>POLICE FACILITIES RENOVATIONS</b>	\$ 234,281
	Renovate Police Department facilities. 2006 Police, Fire and Homeland Security Bonds	234,281
AR48000006	<b>FUTURE POLICE PRECINCT PERCENT FOR ART</b>	\$ 186,780
	Construct integrated artwork for public areas of a future precinct. 2006 Police, Fire and Homeland Security Bonds	186,780
AR48000007	<b>POLICE PRECINCT 700 PERCENT FOR ART</b>	\$ 230,179
	Construct integrated artwork for public areas of a precinct located at 24th Street and Lincoln Drive. 2006 Police, Fire and City Technology Bonds 2006 Police, Fire and Homeland Security Bonds	9,000 221,179
<b>Public Transit</b>		<b>\$ 88,000</b>
AR67000006	<b>67TH AVENUE BUS SHELTERS AND STREETScape PERCENT FOR ART</b>	\$ 88,000
	Enhance selected bus shelters along 67th Avenue from McDowell Road to Camelback Road. 2006 Affordable Housing and Neighborhoods Bonds 2006 Street and Storm Sewer Improvements Bonds	18,000 70,000
<b>Street Transportation and Drainage</b>		<b>\$ 26,128,185</b>
ST83140000	<b>LOCAL DRAINAGE SOLUTIONS</b>	\$ 309,000
	Design, acquire land and construct local drainage improvements. 2006 Street and Storm Sewer Improvements Bonds	309,000
ST83140029	<b>DRAINAGE IMPROVEMENTS: 7TH AVENUE</b>	\$ 254,000
	Construct drainage improvements at 7th Avenue and East Fork Cave Creek Wash. 2006 Street and Storm Sewer Improvements Bonds	254,000
ST85100280	<b>CAMELBACK CORRIDOR UTILITY ROAD IMPROVEMENT</b>	\$ 1,015,702
	Provide streetscape improvements. 2006 Street and Storm Sewer Improvements Bonds	1,015,702

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

ST85100321	THOMAS ROAD AND I-17 INTERCHANGE UPGRADE	\$	114,000
	Construct improvements for the Thomas Road and I-17 Freeway interchange. 1988 Freeway Mitigation Bonds		114,000
ST85100322	INDIAN SCHOOL ROAD AND I-17 INTERCHANGE UPGRADE	\$	370,000
	Construct improvements for the Indian School Road and I-17 Freeway interchange. 1988 Freeway Mitigation Bonds		370,000
ST85100323	NORTHERN AVENUE AND I-17 INTERCHANGE UPGRADE	\$	115,000
	Construct improvements for the Northern Avenue and I-17 Freeway interchange. 1988 Freeway Mitigation Bonds		115,000
ST85100324	CAMELBACK ROAD AND I-17 INTERCHANGE UPGRADE	\$	107,000
	Construct improvements for the Camelback Road and I-17 Freeway interchange. 1988 Freeway Mitigation Bonds		107,000
ST85100325	NORTHWEST CORNER OF 7TH AVENUE AND MONTECITO AVENUE	\$	25,000
	Construct improvements on the northwest corner of 7th Avenue and Montecito Avenue. 2001 Street Improvement Bonds		25,000
ST85100326	I-17 FREEWAY CORRIDOR PLAN	\$	600,000
	Update the I-17 Freeway Corridor Plan. 1988 Freeway Mitigation Bonds		600,000
ST85100343	UNDETERMINED FREEWAY MITIGATION	\$	1,348,223
	Design and/or construct freeway mitigation projects as determined. 1988 Freeway Mitigation Bonds 2001 Street Improvement Bonds		233,737 1,114,486
ST85110059	NORTH VALLEY PARKWAY BRIDGE AT SONORAN WASH	\$	2,225,000
	Acquire right-of-way to construct a bridge at North Valley Parkway over the Sonoran Wash. 2006 Street and Storm Sewer Improvements Bonds		2,225,000
ST85110072	RIVERVIEW DRIVE: BRIDGE BETWEEN 18TH STREET AND 22ND STREET	\$	4,180,605
	Construct a bridge on Riverview Drive between 18th Street and 22nd Street. 2006 Street and Storm Sewer Improvements Bonds		4,180,605
ST85140036	ABANDONED SUBDIVISION REHABILITATIONS	\$	130,000
	Removal of hazards in abandoned subdivisions in the public right-of-way. 2001 Street Improvement Bonds		130,000
ST85140042	WALL CYCLE TO OCOTILLO PRESERVATION	\$	35,000
	Restore artwork along SR51 Freeway. 1988 Freeway Mitigation Bonds		35,000
ST85170058	HISTORIC DISTRICTS STREETScape IMPROVEMENT	\$	200,000
	Provide streetscape improvements. 2006 Street and Storm Sewer Improvements Bonds		200,000
ST85170059	WEST PHOENIX STREETScape / RETROFIT PROGRAM	\$	998,408
	Provide streetscape improvements. 2006 Street and Storm Sewer Improvements Bonds		998,408
ST87100155	WEST PHOENIX REVITALIZATION PROGRAM	\$	683,510
	Construct modernization projects to include curbs, gutters, sidewalks and street lighting west Phoenix. 2006 Street and Storm Sewer Improvements Bonds		683,510

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

ST87110000	<b>STREET MODERNIZATION</b>	\$	1,628,000
	Construct local and collector streets to modern standards with curb, gutter, sidewalks and street lighting.		
	2006 Street and Storm Sewer Improvements Bonds		1,628,000
ST87400076	<b>RESIDENTIAL STREET OVERLAY PROGRAM</b>	\$	1,150,000
	Provide for the annual Residential Street Overlay program.		
	2006 Street and Storm Sewer Improvements Bonds		1,150,000
ST87500000	<b>AMERICANS WITH DISABILITIES ACT COMPLIANCE IMPROVEMENTS</b>	\$	650,000
	Design and construct street improvements to comply with the Americans with Disabilities Act.		
	2006 Street and Storm Sewer Improvements Bonds		650,000
ST87600069	<b>SCIENCE CENTER PEDESTRIAN BRIDGE</b>	\$	6,091,745
	Construct a pedestrian bridge between the Children's Museum and Science Center over 7th Street.		
	2006 Street and Storm Sewer Improvements Bonds		6,091,745
ST89320000	<b>TRAFFIC CALMING INFRASTRUCTURE</b>	\$	300,000
	Construct traffic calming infrastructure.		
	2006 Street and Storm Sewer Improvements Bonds		300,000
ST89320075	<b>COLLECTOR STREET MITIGATION PROGRAM</b>	\$	1,655,841
	Construct traffic calming infrastructure.		
	2006 Street and Storm Sewer Improvements Bonds		1,655,841
ST89320107	<b>SPEED HUMP PROGRAM</b>	\$	256,526
	Supplement the annual speed hump program.		
	2006 Street and Storm Sewer Improvements Bonds		256,526
ST89320117	<b>GRAND CANAL 2-STAGE CROSSWALKS</b>	\$	50,000
	Construct four 2-stage crosswalks along the Grand Canal.		
	2006 Street and Storm Sewer Improvements Bonds		50,000
ST89360004	<b>PHOENIX REGIONAL INTELLIGENT TRANSPORTATION SYSTEM (ITS) PHASE II</b>	\$	1,000,000
	Construct Phase II of the Intelligent Transportation System (ITS) fiber optic backbone.		
	2006 Street and Storm Sewer Improvements Bonds		1,000,000
ST89360015	<b>VIDEO DETECTION AT FREEWAY INTERCHANGES</b>	\$	400,000
	Design and install video detection systems at various freeway interchanges.		
	1988 Freeway Mitigation Bonds		154,000
	2001 Street Improvement Bonds		246,000
AR39000002	<b>SR 51 FREEWAY ARTWORK REFURBISHMENT PERCENT FOR ART</b>	\$	178,565
	Refurbish existing art elements along SR 51 Freeway from McDowell Road to Northern Avenue.		
	1988 Freeway Mitigation Bonds		121,161
	2001 Street Improvement Bonds		57,404
AR63000023	<b>BUCKEYE ROAD STREETScape PERCENT FOR ART</b>	\$	22,503
	Develop streetscape enhancements along Buckeye Road from Phoenix Sky Harbor International Airport to Central Avenue.		
	2006 Street and Storm Sewer Improvements Bonds		22,503

**SCHEDULE 7  
DEFERRED GENERAL OBLIGATION BOND PROJECTS**

AR6300027	STREET VIEWS PERCENT FOR ART	\$	34,557
	Develop a program of rotating 3-D artwork to display in vacant spaces citywide.		
	2006 Street and Storm Sewer Improvements Bonds		34,557
<b>Wastewater</b>		<b>\$</b>	<b>46,000</b>
AR8490008	AVENIDA RIO SALADO-BROADWAY ROAD STREETScape PERCENT FOR ART	\$	46,000
	Construct future streetscape enhancements in conjunction with road and sewer improvements.		
	2006 Street and Storm Sewer Improvements Bonds		46,000
<b>Water</b>		<b>\$</b>	<b>50,000</b>
AR8485023	32ND STREET RETROFIT AND GRAND CANAL PERCENT FOR ART	\$	50,000
	Design and construct trail enhancements to mark the Grand Canal crossings at 32nd Street and 44th Street.		
	2006 Street and Storm Sewer Improvements Bonds		50,000



**SCHEDULE 8**  
**PRELIMINARY 2019-24 CAPITAL IMPROVEMENT PROGRAM HIGHLIGHTS**

**Aviation**

The proposed Aviation program totals \$868.9 million and is funded by Aviation, Aviation Bond, Capital Grant, Customer Facility Charge and Passenger Facility Charge funds.

The Aviation program includes infrastructure improvements for Phoenix Sky Harbor International Airport, Phoenix Deer Valley Airport and Phoenix Goodyear Airport and support for Phoenix-Mesa Gateway Airport. Infrastructure improvements include new or reconstructed aprons, utility vault upgrades, infield paving, taxiways, roadway and drainage improvements as well as land acquisition for future economic development and for protection of people and property on the ground within runway protection zones at Phoenix Sky Harbor International and Phoenix Goodyear airports.

Major improvements include:

- Terminal 3 modernization with updated infrastructure including a new south concourse and renovation of the north concourse
- Demolition of Terminal 2 building, concourse and garage as well as apron reconstruction providing improved operational safety
- PHX Sky Train expansion to connect the Rental Car Center to all terminals, ground transportation, parking and Valley Metro Light Rail
- Construction of Terminal 4's south concourse adding eight gates
- Provide for contingency project funding, debt service payments and integration of artwork into airport modernization projects

## **Economic Development**

The \$32.5 million Economic Development program is funded by Downtown Community Reinvestment and Other Restricted funds. Major projects include:

- Downtown Redevelopment Area project facilitation and assistance
- Arizona State University Center for Law and Society development assistance
- ASU Thunderbird School of Global Management development assistance

## **Facilities Management**

The Facilities Management program totals \$71.5 million and is funded by General, Development Services, Other Restricted, Aviation, Convention Center, Solid Waste, Transportation 2050, Wastewater, Water, and Other Bond funds.

The Facilities Management program includes various major maintenance projects for City facilities and fuel infrastructure. Also, citywide energy conservation efforts to be implemented by Facilities Management include: energy efficient retrofits, energy efficient design and management, metering for efficient operations and implementation of new technology.

## **Fire Protection**

The \$16.4 million Fire Protection program is funded by Other Restricted, General Obligation Bond, Other Bond and Impact Fee funds.

The program consists of infrastructure in growth areas, and replacement of the Computer Aided Dispatch system.

## **Housing**

The Housing program totals \$77.3 million and is funded by Operating Grant, Other Restricted and Capital Grant funds.

The program provides funds for the creation and modernization of housing units for low-income families throughout the City. Grant-funded modernization projects are planned based on the availability of these funds. Projects include HOME loan programs, affordable housing development, rehabilitation and remodeling of family and senior public housing units.

## **Information Technology**

The \$21.7 million Information Technology program is funded by General, Aviation, Development Services, Solid Waste, Wastewater, Water, Other Bond and Capital Reserve funds.

The Information Technology program includes enhancement of the City's business intelligence and business analysis capabilities, and the replacement of FCC-mandated equipment with 700 MHz radios.

## **Libraries**

The Libraries program totals \$14.5 million and is funded by General and Impact Fee funds.

The program includes branch library improvements and renovations to maintain current standards. Future expansions or renovations are planned for Estrella, Ironwood, North Gateway and Desert Broom pending funding availability.

## **Neighborhood Services**

The Neighborhood Services program totals \$0.7 million and is funded by Operating Grant funds.

The Neighborhood Services program seeks to stabilize neighborhoods and improve infrastructure by acquiring properties for revitalization. By partnering with City departments, projects such as safe school routes, landscaping, sidewalks, lighting and other infrastructure improvements provide enhancements to City neighborhoods.

## **Parks, Recreation and Mountain Preserves**

The Parks, Recreation and Mountain Preserves program totals \$143.6 million and is funded by Parks and Preserves, Sports Facilities, and Transportation 2050 funds.

The program includes improving and rehabilitating city parks, trails, sports fields and pools, installing or replacing security and sports field lighting, improving parking lots, constructing ADA accessible amenities and other citywide park infrastructure improvements.

Major projects include:

- Margaret T. Hance Park Renovation
- Cesar Chavez Community Center Construction
- Phoenix Mountain Preserve Improvements
- Preserve Land Acquisition
- Maryvale Baseball Park Renovations
- South Mountain Park Improvements

## **Phoenix Convention Center**

The \$273.1 million Phoenix Convention Center program is funded by General, Convention Center, Sports Facilities and Convention Center Bond funds, and State contributions for Convention Center Expansion bond debt service payments. In addition to the Convention Center, this program includes projects and improvements for the Talking Stick Arena, Herberger Theater Center and Orpheum Theatre, Symphony Hall, and the Regency, Heritage and Convention Center parking garages.

Major projects include:

- Talking Stick Arena Renovations
- North and West Building Lighting Replacement
- North Building Shoring Wall Replacement
- East Garage Expansion Joint Replacement
- East Garage Elevator Refurbishment
- Regency Garage Fire Sprinkler System Replacement

## **Planning and Historic Preservation**

The Planning and Historic Preservation program totals \$13.0 million and is funded by the Development Services fund. The program includes replacement of the KIVA permitting system.

## **Public Transit**

The Transit program totals \$1,362.3 million and is funded by Transportation 2050, Other Restricted, Regional Transportation, Operating and Capital Grants and Transportation 2050 Bond funds.

Phoenix voters approved Transportation 2050 effective January 1, 2016 to fund the City's Comprehensive Transportation Plan including new light rail lines, bus expansion and street improvements.

Major projects in the Public Transit program include:

- Purchase buses and Dial-A-Ride vehicles
- Improve and maintain bus pullouts, passenger and public transit facilities
- Evaluate needs and implement technology enhancements
- Construct South Central, Capitol/I-10 and Northwest Extension Phase II Light Rail extensions
- Implement Transportation 2050 Bus Rapid Transit program
- Provide assistance to businesses along Light Rail zones, purchase and maintain vacant properties and provide for staff charges related to coordination of Light Rail expansion
- Provide for contingency project funding

## **Regional Wireless Cooperative (RWC)**

The RWC program totals \$34.5 million and is funded through the contributions of RWC member cities. The City of Phoenix's contribution is funded through excise tax-supported city improvement debt. The RWC program's objective is to develop and assist subscriber cities with a FCC mandate requiring 700 MHz infrastructure upgrades for narrow-banding capabilities.

## **Solid Waste Disposal**

The \$81.8 million Solid Waste Disposal program is funded by Solid Waste, Solid Waste Bond, Capital Reserve and Solid Waste Remediation funds.

The Solid Waste Disposal program includes various projects at the City's landfills and transfer stations. Major projects include methane gas extraction and drainage system construction for the State Route 85 landfill, methane gas collection system maintenance for several locations, cell excavations and installation of lining, replacement or upgrade of aging equipment at the 27th Avenue and North Gateway Transfer Stations Material Recovery Facilities, development of the 27th Avenue Resource Innovation Campus, and improvement of the 27th Avenue Composting Facility.

## **Street Transportation and Drainage**

The Street Transportation and Drainage program totals \$876.2 million and is funded by Arizona Highway User Revenue, Capital Construction, Other Restricted, Transportation 2050, Transportation 2050 Bond, Capital Reserve, Impact Fee, and partner agency contribution funds.

The program includes ongoing major maintenance of streets and bridges, accelerated pavement maintenance implementing citywide overlay projects, new and expanded streets, mobility improvements, technology enhancements, and storm water improvements.

Major projects planned include improvements to the following locations:

- Lower Buckeye Road: 27th Avenue to 19th Avenue
- Buckeye Road: 67th Avenue to 59th Avenue
- Pinnacle Peak Road: Central Avenue to 7th Street

- 24<sup>th</sup> Street and Grand Canal Bridge Replacement
- 3rd Street Promenade: McDowell Road to Indian School Road
- Rawhide Wash: Pinnacle Peak Road to Happy Valley Road

## **Wastewater**

The Wastewater program totals \$1,031.5 million and is funded by Wastewater, Wastewater Bond, Impact Fee and Other Cities' Share in Joint Venture funds.

The Wastewater program includes infrastructure improvements, safety, maintenance, technology and efficiency enhancements for the 91<sup>st</sup> Avenue and 23<sup>rd</sup> Avenue wastewater treatment plants, Cave Creek Water Reclamation Plant, multi-city and Phoenix sewer line systems, lift stations, support facilities and other related initiatives.

## **Water**

The Water program totals \$1,681.3 million and is funded by Water, Wastewater, Solid Waste, Water Bond, Wastewater Bond, Impact Fee and Other Cities' Share in Joint Venture funds.

The Water program includes infrastructure improvements, technology and efficiency enhancements for 24<sup>th</sup> Street, Deer Valley, Union Hills and Val Vista water treatment plants, water storage facilities, wells, pressure reducing valve stations, booster pump stations, water and transmission mains, support facilities and other water related initiatives. Investment in additional water resources, power redundancy and water resiliency programs ensures water delivery remains stable for customers.



## Aviation

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2023-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Aviation Contingency	19,750,060	23,285,259	82,573,761	28,674,635	20,599,885	\$174,883,600
Debt Service	64,919,620	63,811,558	63,813,588	63,811,067	63,811,069	\$320,166,902
Developmental Studies and Environmental	280,000	-	-	-	-	\$280,000
Percent for Art	1,298,383	-	-	-	-	\$1,298,383
Phoenix Deer Valley Airport	14,599,635	12,479,071	-	-	-	\$27,078,706
Phoenix Goodyear Airport	10,394,194	7,329,850	232,150	2,370,454	-	\$20,326,648
Phoenix-Mesa Gateway Airport	1,300,000	1,300,000	1,300,000	-	-	\$3,900,000
PHX Sky Train	18,993,108	6,500,000	-	-	-	\$25,493,108
Runway, Apron and Taxiway Improvements	67,146,079	20,365,803	6,731,202	3,100,000	6,686,162	\$104,029,246
Security	134,350	-	-	-	-	\$134,350
Terminal 2	2,200,000	700,000	23,227,000	-	-	\$26,127,000
Terminal 4	101,075,153	55,750,000	2,134,507	-	-	\$158,959,660
Terminal Redevelopment	6,242,712	-	-	-	-	\$6,242,712
<b>Total</b>	<b>\$308,333,294</b>	<b>\$191,521,541</b>	<b>\$180,012,208</b>	<b>\$97,956,156</b>	<b>\$91,097,116</b>	<b>\$868,920,315</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Aviation	52,845,923	7,669,639	31,884,231	4,048,984	2,252,440	\$98,701,217
<b>Total Operating Funds</b>	<b>\$52,845,923</b>	<b>\$7,669,639</b>	<b>\$31,884,231</b>	<b>\$4,048,984</b>	<b>\$2,252,440</b>	<b>\$98,701,217</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Aviation	120,865,727	77,024,737	23,411,324	21,276,696	21,276,598	\$263,855,082
<b>Total Bond Funds</b>	<b>\$120,865,727</b>	<b>\$77,024,737</b>	<b>\$23,411,324</b>	<b>\$21,276,696</b>	<b>\$21,276,598</b>	<b>\$263,855,082</b>
<u>Other Capital Funds</u>						
Capital Grants	69,090,627	41,983,703	62,568,090	29,396,105	21,300,192	\$224,338,717
Customer Facility Charges	3,650	3,650	3,650	3,650	3,650	\$18,250
Passenger Facility Charge	65,527,367	64,839,812	62,144,913	43,230,721	46,264,236	\$282,007,049
<b>Total Other Capital Funds</b>	<b>\$134,621,644</b>	<b>\$106,827,165</b>	<b>\$124,716,653</b>	<b>\$72,630,476</b>	<b>\$67,568,078</b>	<b>\$506,364,016</b>
<b>Program Total</b>	<b>\$308,333,294</b>	<b>\$191,521,541</b>	<b>\$180,012,208</b>	<b>\$97,956,156</b>	<b>\$91,097,116</b>	<b>\$868,920,315</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AV02000033</b>	<b>TERMINAL 2 PROCESSOR AND GARAGE DEMOLITION</b>						
							<b>Function: Terminal 2</b>
	Demolish the Terminal 2 processor and garage at the Phoenix Sky Harbor International Airport.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		-	-	17,000,000	-	-	\$17,000,000
Construction Administration		600,000	-	-	-	-	\$600,000
Design		1,400,000	500,000	-	-	-	\$1,900,000
Environmental/Archaeological		150,000	50,000	680,000	-	-	\$880,000
Other		50,000	150,000	5,547,000	-	-	\$5,747,000
<b>Project total</b>		<b>\$2,200,000</b>	<b>\$700,000</b>	<b>\$23,227,000</b>	-	-	<b>\$26,127,000</b>
Aviation		2,200,000	700,000	23,227,000	-	-	\$26,127,000
<b>Funding total</b>		<b>\$2,200,000</b>	<b>\$700,000</b>	<b>\$23,227,000</b>	-	-	<b>\$26,127,000</b>
<b>AV08000072</b>	<b>TERMINAL 4 NORTH APRON RECONSTRUCTION</b>						
							<b>Function: Runway, Apron and Taxiway Improvements</b>
	Reconstruct Terminal 4 north apron concrete at Phoenix Sky Harbor International Airport.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		13,000,000	5,200,000	2,055,000	-	-	\$20,255,000
Construction Administration		1,900,000	50,000	50,000	-	-	\$2,000,000
Other		1,400,000	10,200,000	613,202	-	-	\$12,213,202
<b>Project total</b>		<b>\$16,300,000</b>	<b>\$15,450,000</b>	<b>\$2,718,202</b>	-	-	<b>\$34,468,202</b>
Aviation		700,000	500,000	264,701	-	-	\$1,464,701
Capital Grants		13,000,000	9,000,000	1,319,565	-	-	\$23,319,565
Passenger Facility Charge		2,600,000	5,950,000	1,133,936	-	-	\$9,683,936
<b>Funding total</b>		<b>\$16,300,000</b>	<b>\$15,450,000</b>	<b>\$2,718,202</b>	-	-	<b>\$34,468,202</b>
<b>AV08000074</b>	<b>UTILITY VAULT UPGRADE AND INFIELD PAVING</b>						
							<b>Function: Runway, Apron and Taxiway Improvements</b>
	Raise the airfield utility vault elevation for stormwater management and infield paving.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		2,500,000	2,500,000	2,500,000	2,500,000	2,847,747	\$12,847,747
Other		700,000	700,000	700,000	600,000	3,838,415	\$6,538,415
<b>Project total</b>		<b>\$3,200,000</b>	<b>\$3,200,000</b>	<b>\$3,200,000</b>	<b>\$3,100,000</b>	<b>\$6,686,162</b>	<b>\$19,386,162</b>
Aviation		200,000	200,000	200,000	100,000	105,000	\$805,000
Capital Grants		2,500,000	2,500,000	2,500,000	2,500,000	2,847,747	\$12,847,747
Passenger Facility Charge		500,000	500,000	500,000	500,000	3,733,415	\$5,733,415
<b>Funding total</b>		<b>\$3,200,000</b>	<b>\$3,200,000</b>	<b>\$3,200,000</b>	<b>\$3,100,000</b>	<b>\$6,686,162</b>	<b>\$19,386,162</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AV08000081</b>	<b>TERMINAL 3 NORTH INNER APRON RECONSTRUCTION</b>						
				<b>Function: Runway, Apron and Taxiway Improvements</b>			
	Remove and replace existing pavement surrounding Terminal 3 North Concourse.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Other	878,266	-	-	-	-	\$878,266
	<b>Project total</b>	<b>\$878,266</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$878,266</b>
	Aviation	53,720	-	-	-	-	\$53,720
	Capital Grants	460,546	-	-	-	-	\$460,546
	Passenger Facility Charge	364,000	-	-	-	-	\$364,000
	<b>Funding total</b>	<b>\$878,266</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$878,266</b>
<b>AV08000082</b>	<b>TERMINAL 2 CONCOURSE DEMO AND APRON RECONSTRUCTION</b>						
				<b>Function: Runway, Apron and Taxiway Improvements</b>			
	Demolish Terminal 2 Concourse and reconstruct Terminal 2 Apron.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	22,350,584	61,447	-	-	-	\$22,412,031
	Environmental/Archaeological	1,117,529	-	-	-	-	\$1,117,529
	Other	6,199,700	377,356	-	-	-	\$6,577,056
	<b>Project total</b>	<b>\$29,667,813</b>	<b>\$438,803</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$30,106,616</b>
	Aviation	800,000	144,679	-	-	-	\$944,679
	Capital Grants	21,000,000	61,447	-	-	-	\$21,061,447
	Passenger Facility Charge	7,867,813	232,677	-	-	-	\$8,100,490
	<b>Funding total</b>	<b>\$29,667,813</b>	<b>\$438,803</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$30,106,616</b>
<b>AV08000083</b>	<b>TERMINAL 4 S1 APRON CONSTRUCTION</b>						
				<b>Function: Runway, Apron and Taxiway Improvements</b>			
	Construct a new apron for the new Terminal 4 South 1 Concourse.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	15,800,000	-	61,000	-	-	\$15,861,000
	Construction Administration	126,000	-	-	-	-	\$126,000
	Design	391,000	-	-	-	-	\$391,000
	Other	783,000	1,277,000	752,000	-	-	\$2,812,000
	<b>Project total</b>	<b>\$17,100,000</b>	<b>\$1,277,000</b>	<b>\$813,000</b>	<b>-</b>	<b>-</b>	<b>\$19,190,000</b>
	Aviation	300,000	277,000	-	-	-	\$577,000
	Capital Grants	13,400,000	-	61,000	-	-	\$13,461,000
	Passenger Facility Charge	3,400,000	1,000,000	752,000	-	-	\$5,152,000
	<b>Funding total</b>	<b>\$17,100,000</b>	<b>\$1,277,000</b>	<b>\$813,000</b>	<b>-</b>	<b>-</b>	<b>\$19,190,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AV09000094</b>	<b>WEST GROUND TRANSPORTATION CENTER STUDY</b>						
	Provide analysis and costs related to West Ground Transportation Center development opportunities at Phoenix Sky Harbor International Airport.						
							<b>District: 8</b>
	Study	280,000	-	-	-	-	\$280,000
	<b>Project total</b>	<b>\$280,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$280,000</b>
	Aviation	280,000	-	-	-	-	\$280,000
	<b>Funding total</b>	<b>\$280,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$280,000</b>
<b>AV10000011</b>	<b>PHX SKY TRAIN STAGE 2</b>						
	Construct PHX Sky Train Stage 2 connecting to the Rental Car Center, all terminals, new western ground transportation center, parking facilities and Light Rail.						
							<b>District: 8</b>
	Estimated full-year ongoing operating costs:	\$15,000,000					
	Other	18,993,108	6,500,000	-	-	-	\$25,493,108
	<b>Project total</b>	<b>\$18,993,108</b>	<b>\$6,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$25,493,108</b>
	Aviation	14,400,000	-	-	-	-	\$14,400,000
	Passenger Facility Charge	4,593,108	6,500,000	-	-	-	\$11,093,108
	<b>Funding total</b>	<b>\$18,993,108</b>	<b>\$6,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$25,493,108</b>
<b>AV11000075</b>	<b>ELECTRICAL GROUND SUPPORT EQUIPMENT INFRASTRUCTURE IMPROVEMENTS</b>						
	Install electrical charging stations for airline tenants' electrical ground support equipment at Terminal 3 North, Terminal 4 South 2 and Terminal 4 South 3 at Phoenix Sky Harbor International Airport.						
							<b>District: 8</b>
	Construction	777,194	-	-	-	-	\$777,194
	Construction Administration	31,088	-	-	-	-	\$31,088
	Environmental/Archaeological	23,316	-	-	-	-	\$23,316
	Other	190,062	-	-	-	-	\$190,062
	<b>Project total</b>	<b>\$1,021,660</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,021,660</b>
	Aviation	253,448	-	-	-	-	\$253,448
	Capital Grants	768,212	-	-	-	-	\$768,212
	<b>Funding total</b>	<b>\$1,021,660</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,021,660</b>
<b>AV13000002</b>	<b>TERMINAL 3 MODERNIZATION</b>						
	Modernize Terminal 3 with updated infrastructure including a consolidated checkpoint, improved ticket counters, baggage carousels, expanded concessions, a new South Concourse and a renovated North Concourse.						
							<b>District: 8</b>
	Estimated full-year ongoing operating costs:	\$7,600,000					
	Other	6,242,712	-	-	-	-	\$6,242,712
	<b>Project total</b>	<b>\$6,242,712</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,242,712</b>
	Aviation	6,242,712	-	-	-	-	\$6,242,712
	<b>Funding total</b>	<b>\$6,242,712</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,242,712</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AV17000052</b>	<b>COMPREHENSIVE AIRPORT SECURITY ACTION PLAN</b>						
	Update Security Master Plan for Phoenix, Phoenix-Deer Valley and Phoenix-Goodyear Airports.						
							<b>Function: Security</b>
							<b>Strategic Plan: Public Safety</b>
							<b>District: Citywide</b>
	Other	134,350	-	-	-	-	\$134,350
	<b>Project total</b>	<b>\$134,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$134,350</b>
	Aviation	82,000	-	-	-	-	\$82,000
	Passenger Facility Charge	52,350	-	-	-	-	\$52,350
	<b>Funding total</b>	<b>\$134,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$134,350</b>
<b>AV21000089</b>	<b>TERMINAL 4 TERRAZZO FLOORING</b>						
	Replace carpet with terrazzo hard flooring in high traffic areas in Terminal 4 at Phoenix Sky Harbor International Airport.						
							<b>Function: Terminal 4</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Other	461,000	-	-	-	-	\$461,000
	<b>Project total</b>	<b>\$461,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$461,000</b>
	Aviation	461,000	-	-	-	-	\$461,000
	<b>Funding total</b>	<b>\$461,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$461,000</b>
<b>AV21000097</b>	<b>TERMINAL 4 SOUTH 1 CONCOURSE</b>						
	Design and construct Terminal 4 South 1 (S-1) Concourse, the eighth and final concourse, adding up to eight new gates at Phoenix Sky Harbor International Airport.						
							<b>Function: Terminal 4</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Estimated full-year ongoing operating costs:	\$1,700,000					
	Construction	91,600,000	48,750,000	-	-	-	\$140,350,000
	Other	7,992,493	7,000,000	2,134,507	-	-	\$17,127,000
	<b>Project total</b>	<b>\$99,592,493</b>	<b>\$55,750,000</b>	<b>\$2,134,507</b>	<b>-</b>	<b>-</b>	<b>\$157,477,000</b>
	Nonprofit Corporation Bonds - Aviation	99,592,493	55,750,000	2,134,507	-	-	\$157,477,000
	<b>Funding total</b>	<b>\$99,592,493</b>	<b>\$55,750,000</b>	<b>\$2,134,507</b>	<b>-</b>	<b>-</b>	<b>\$157,477,000</b>
<b>AV31000090</b>	<b>PHOENIX DEER VALLEY AIRPORT POLICE HANGAR REPLACEMENT</b>						
	Replace and relocate the police hangar at Phoenix Deer Valley Airport.						
							<b>Function: Phoenix Deer Valley Airport</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	10,136,706	-	-	-	-	\$10,136,706
	<b>Project total</b>	<b>\$10,136,706</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,136,706</b>
	Aviation	10,136,706	-	-	-	-	\$10,136,706
	<b>Funding total</b>	<b>\$10,136,706</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,136,706</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>AV31000091</b>	<b>PHOENIX DEER VALLEY AIRPORT PRECISION APPROACH PATH INDICATORS SYSTEM</b>						
	Upgrade existing Federal Aviation Administration specs of Precision Approach Path Indicators system at Phoenix Deer Valley Airport.						
							<b>District: 1</b>
	Construction	262,070	-	-	-	-	\$262,070
	Construction Administration	5,240	-	-	-	-	\$5,240
	Environmental/Archaeological	7,862	-	-	-	-	\$7,862
	Other	9,828	-	-	-	-	\$9,828
	<b>Project total</b>	<b>\$285,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$285,000</b>
	Aviation	42,200	-	-	-	-	\$42,200
	Capital Grants	242,800	-	-	-	-	\$242,800
	<b>Funding total</b>	<b>\$285,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$285,000</b>
<b>AV31000092</b>	<b>PHOENIX DEER VALLEY AIRPORT TAXIWAY B AND CONNECTORS B6 AND B9</b>						
	Relocate Taxiway B and construct new acute angle connectors B6 and B9 at Phoenix Deer Valley Airport.						
							<b>District: 1</b>
	Construction	-	10,314,834	-	-	-	\$10,314,834
	Construction Administration	309,445	-	-	-	-	\$309,445
	Design	1,031,484	-	-	-	-	\$1,031,484
	Environmental/Archaeological	50,000	259,445	-	-	-	\$309,445
	Other	550,000	1,904,792	-	-	-	\$2,454,792
	<b>Project total</b>	<b>\$1,940,929</b>	<b>\$12,479,071</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$14,420,000</b>
	Aviation	550,000	1,000,000	-	-	-	\$1,550,000
	Capital Grants	1,390,929	11,479,071	-	-	-	\$12,870,000
	<b>Funding total</b>	<b>\$1,940,929</b>	<b>\$12,479,071</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$14,420,000</b>
<b>AV31000093</b>	<b>DEER VALLEY TAXIWAY D</b>						
	Design and construct a portion of Taxiway D from D-11 to D-12 at the Phoenix Deer Valley Airport.						
							<b>District: 1</b>
	Construction	1,655,600	-	-	-	-	\$1,655,600
	Construction Administration	66,300	-	-	-	-	\$66,300
	Environmental/Archaeological	50,000	-	-	-	-	\$50,000
	Other	465,100	-	-	-	-	\$465,100
	<b>Project total</b>	<b>\$2,237,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,237,000</b>
	Aviation	310,000	-	-	-	-	\$310,000
	Capital Grants	1,927,000	-	-	-	-	\$1,927,000
	<b>Funding total</b>	<b>\$2,237,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,237,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AV41000076</b>	<b>PHOENIX GOODYEAR AIRPORT APRON PAVEMENT REHABILITATION PHASE 1</b>						
	Rehabilitate apron northwest of air traffic control tower at Phoenix Goodyear Airport.						
							<b>Function: Phoenix Goodyear Airport</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		-	6,521,370	-	-	-	\$6,521,370
Construction Administration		123,000	-	-	-	-	\$123,000
Design		245,000	-	-	-	-	\$245,000
Environmental/Archaeological		-	123,000	-	-	-	\$123,000
Other		75,000	685,480	207,150	-	-	\$967,630
<b>Project total</b>		<b>\$443,000</b>	<b>\$7,329,850</b>	<b>\$207,150</b>	-	-	<b>\$7,980,000</b>
Aviation		75,000	300,000	207,150	-	-	\$582,150
Capital Grants		368,000	7,029,850	-	-	-	\$7,397,850
<b>Funding total</b>		<b>\$443,000</b>	<b>\$7,329,850</b>	<b>\$207,150</b>	-	-	<b>\$7,980,000</b>
<b>AV41000077</b>	<b>PHOENIX GOODYEAR AIRPORT CONSTRUCT NEW APRON AND TAXIWAY CONNECTOR</b>						
	Construct a new apron and taxiway connector at Phoenix Goodyear Airport.						
							<b>Function: Phoenix Goodyear Airport</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		5,724,488	-	-	-	-	\$5,724,488
Construction Administration		229,000	-	-	-	-	\$229,000
Environmental/Archaeological		171,735	-	-	-	-	\$171,735
Other		1,268,777	-	-	-	-	\$1,268,777
<b>Project total</b>		<b>\$7,394,000</b>	-	-	-	-	<b>\$7,394,000</b>
Aviation		799,540	-	-	-	-	\$799,540
Capital Grants		6,594,460	-	-	-	-	\$6,594,460
<b>Funding total</b>		<b>\$7,394,000</b>	-	-	-	-	<b>\$7,394,000</b>
<b>AV51000005</b>	<b>AIRPORT DEVELOPMENT PLAN – CONTINGENCY</b>						
	Provide contingencies to cover future Aviation capital improvement projects that may occur in the Airport Development Plan.						
							<b>Function: Aviation Contingency</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		750,060	20,730,259	77,573,761	23,674,635	15,599,885	\$138,328,600
Construction Administration		7,000,000	-	-	-	-	\$7,000,000
Other		12,000,000	2,555,000	5,000,000	5,000,000	5,000,000	\$29,555,000
<b>Project total</b>		<b>\$19,750,060</b>	<b>\$23,285,259</b>	<b>\$82,573,761</b>	<b>\$28,674,635</b>	<b>\$20,599,885</b>	<b>\$174,883,600</b>
Aviation		12,113,700	3,247,960	6,660,380	3,760,850	2,147,440	\$27,930,330
Capital Grants		5,129,000	11,913,335	58,687,525	24,713,785	18,452,445	\$118,896,090
Passenger Facility Charge		2,507,360	8,123,964	17,225,856	200,000	-	\$28,057,180
<b>Funding total</b>		<b>\$19,750,060</b>	<b>\$23,285,259</b>	<b>\$82,573,761</b>	<b>\$28,674,635</b>	<b>\$20,599,885</b>	<b>\$174,883,600</b>





**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Aviation**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>BCAVN2015E DEBT SERVICE – AVIATION</b>							<b>Function: Debt Service</b>
Provide debt service payments for 2015 Aviation bonds.							<b>Strategic Plan: Financial Excellence</b>
							<b>District: Citywide</b>
Debt Service Interest		1,321,875	1,295,175	1,267,125	1,237,725	1,206,825	\$6,328,725
Debt Service Principal		534,000	561,000	588,000	618,000	648,000	\$2,949,000
<b>Project total</b>		<b>\$1,855,875</b>	<b>\$1,856,175</b>	<b>\$1,855,125</b>	<b>\$1,855,725</b>	<b>\$1,854,825</b>	<b>\$9,277,725</b>
Passenger Facility Charge		1,855,875	1,856,175	1,855,125	1,855,725	1,854,825	\$9,277,725
<b>Funding total</b>		<b>\$1,855,875</b>	<b>\$1,856,175</b>	<b>\$1,855,125</b>	<b>\$1,855,725</b>	<b>\$1,854,825</b>	<b>\$9,277,725</b>
<b>BCAVN2015G DEBT SERVICE – AVIATION</b>							<b>Function: Debt Service</b>
Provide debt service payments for 2015 Aviation bonds.							<b>Strategic Plan: Financial Excellence</b>
							<b>District: Citywide</b>
Debt Service Interest		932,750	932,750	932,750	932,750	932,750	\$4,663,750
Other		1,230	1,230	1,230	1,230	1,230	\$6,150
<b>Project total</b>		<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$4,669,900</b>
Passenger Facility Charge		933,980	933,980	933,980	933,980	933,980	\$4,669,900
<b>Funding total</b>		<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$933,980</b>	<b>\$4,669,900</b>
<b>BCAVN2017J DEBT SERVICE – AVIATION</b>							<b>Function: Debt Service</b>
Provide debt service payments for 2017 Aviation bonds.							<b>Strategic Plan: Financial Excellence</b>
							<b>District: Citywide</b>
Debt Service Interest		22,655,006	22,655,006	21,871,256	21,048,256	20,184,256	\$108,413,780
Debt Service Principal		-	15,675,000	16,460,000	17,280,000	18,145,000	\$67,560,000
Other		2,460	2,460	2,460	2,460	2,460	\$12,300
<b>Project total</b>		<b>\$22,657,466</b>	<b>\$38,332,466</b>	<b>\$38,333,716</b>	<b>\$38,330,716</b>	<b>\$38,331,716</b>	<b>\$175,986,080</b>
Passenger Facility Charge		22,657,466	38,332,466	38,333,716	38,330,716	38,331,716	\$175,986,080
<b>Funding total</b>		<b>\$22,657,466</b>	<b>\$38,332,466</b>	<b>\$38,333,716</b>	<b>\$38,330,716</b>	<b>\$38,331,716</b>	<b>\$175,986,080</b>
<b>AR66000040 PHOENIX SKY HARBOR INTERNATIONAL AIRPORT TERMINAL 4 SOUTH 1 CONCOURSE PERCENT FOR ART</b>							<b>Function: Percent for Art</b>
Integrate artwork into the design of Terminal 4 South 1 (S-1) Concourse construction at Phoenix Sky Harbor International Airport.							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: 8</b>
Construction		1,298,383	-	-	-	-	\$1,298,383
<b>Project total</b>		<b>\$1,298,383</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,298,383</b>
Aviation		1,298,383	-	-	-	-	\$1,298,383
<b>Funding total</b>		<b>\$1,298,383</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,298,383</b>
<b>Program total</b>		<b>\$308,333,294</b>	<b>\$191,521,541</b>	<b>\$180,012,208</b>	<b>\$97,956,156</b>	<b>\$91,097,116</b>	<b>\$868,920,315</b>

## Economic Development

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Downtown Development	5,954,460	4,815,000	6,087,193	4,500,000	4,050,000	\$25,406,653
Economic Development	2,606,600	1,124,020	1,124,020	1,124,020	1,124,020	\$7,102,680
<b>Total</b>	<b>\$8,561,060</b>	<b>\$5,939,020</b>	<b>\$7,211,213</b>	<b>\$5,624,020</b>	<b>\$5,174,020</b>	<b>\$32,509,333</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Community Reinvestment	6,961,060	4,315,000	5,587,193	4,000,000	4,000,000	\$24,863,253
Other Restricted	1,600,000	1,624,020	1,624,020	1,624,020	1,174,020	\$7,646,080
<b>Total Operating Funds</b>	<b>\$8,561,060</b>	<b>\$5,939,020</b>	<b>\$7,211,213</b>	<b>\$5,624,020</b>	<b>\$5,174,020</b>	<b>\$32,509,333</b>
<b>Program Total</b>	<b>\$8,561,060</b>	<b>\$5,939,020</b>	<b>\$7,211,213</b>	<b>\$5,624,020</b>	<b>\$5,174,020</b>	<b>\$32,509,333</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Economic Development**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CD1000001</b>	<b>DOWNTOWN COMMUNITY REINVESTMENT</b>						
Facilitate and assist development of projects within the Downtown Redevelopment Area.							
							District: 7 & 8
Construction		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$12,500,000
<b>Project total</b>		<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$12,500,000</b>
Community Reinvestment		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$12,500,000
<b>Funding total</b>		<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$12,500,000</b>
<b>CD1000005</b>	<b>KNIFE HOUSE REHABILITATION</b>						
Rehabilitate and stabilize the historic Knipe House near 2nd Street and Portland Street in downtown Phoenix.							
							District: 7
Construction		6,600	-	-	-	-	\$6,600
<b>Project total</b>		<b>\$6,600</b>	-	-	-	-	<b>\$6,600</b>
Community Reinvestment		6,600	-	-	-	-	\$6,600
<b>Funding total</b>		<b>\$6,600</b>	-	-	-	-	<b>\$6,600</b>
<b>CD1000007</b>	<b>ASU ARIZONA CENTER FOR LAW AND SOCIETY</b>						
Assist in the development of the downtown ASU Law School.							
							District: 7
Construction		1,500,000	-	-	-	-	\$1,500,000
<b>Project total</b>		<b>\$1,500,000</b>	-	-	-	-	<b>\$1,500,000</b>
Community Reinvestment		1,500,000	-	-	-	-	\$1,500,000
<b>Funding total</b>		<b>\$1,500,000</b>	-	-	-	-	<b>\$1,500,000</b>
<b>CD1000009</b>	<b>GENOMICS FACILITY</b>						
Provide maintenance, improvements and repair of the TGen building.							
							District: 8
Construction		500,000	500,000	500,000	500,000	50,000	\$2,050,000
<b>Project total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$50,000</b>	<b>\$2,050,000</b>
Other Restricted		500,000	500,000	500,000	500,000	50,000	\$2,050,000
<b>Funding total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$50,000</b>	<b>\$2,050,000</b>
<b>CD1000013</b>	<b>PHOENIX BIOMEDICAL CAMPUS</b>						
Enhance the Phoenix Biomedical Campus's visibility, character and marketing opportunities.							
							District: 8
Construction		100,000	500,000	500,000	500,000	500,000	\$2,100,000
<b>Project total</b>		<b>\$100,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,100,000</b>
Other Restricted		100,000	500,000	500,000	500,000	500,000	\$2,100,000
<b>Funding total</b>		<b>\$100,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,100,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Economic Development**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CD20000008</b>	<b>BARRISTER BUILDING RESTORATION</b>						
Install and restore historically-significant elements of the Barrister Building at 101 South Central Avenue in conjunction with economic development activities at the southeast corner of Jefferson Street and Central Avenue.							
		<b>Function: Downtown Development</b>					
		<b>Strategic Plan: Economic Development and Education</b>					
		<b>District: 7</b>					
Construction		250,000	-	-	-	-	\$250,000
<b>Project total</b>		<b>\$250,000</b>	-	-	-	-	<b>\$250,000</b>
Community Reinvestment		250,000	-	-	-	-	\$250,000
<b>Funding total</b>		<b>\$250,000</b>	-	-	-	-	<b>\$250,000</b>
<b>CD20000010</b>	<b>COLLIERS CENTER PUBLIC PARKING</b>						
Acquire public parking spaces on the northwest corner of Jefferson and 3rd Streets.							
		<b>Function: Downtown Development</b>					
		<b>Strategic Plan: Economic Development and Education</b>					
		<b>District: 7</b>					
Construction		500,000	-	-	-	-	\$500,000
<b>Project total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Community Reinvestment		500,000	-	-	-	-	\$500,000
<b>Funding total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>CD20000011</b>	<b>FILLMORE MIXED-USE REDEVELOPMENT</b>						
Reimbursement for public infrastructure improvements associated with the redevelopment of approximately 7.5 acres of land south of Fillmore Street between 4th and 6th Avenues.							
		<b>Function: Downtown Development</b>					
		<b>Strategic Plan: Economic Development and Education</b>					
		<b>District: 7</b>					
Construction		1,814,460	-	1,272,193	-	-	\$3,086,653
<b>Project total</b>		<b>\$1,814,460</b>	-	<b>\$1,272,193</b>	-	-	<b>\$3,086,653</b>
Community Reinvestment		1,814,460	-	1,272,193	-	-	\$3,086,653
<b>Funding total</b>		<b>\$1,814,460</b>	-	<b>\$1,272,193</b>	-	-	<b>\$3,086,653</b>
<b>CD20000012</b>	<b>HISTORIC PRESERVATION PROJECTS</b>						
Assist with historic preservation projects that preserve historic buildings in or near downtown Phoenix.							
		<b>Function: Downtown Development</b>					
		<b>Strategic Plan: Economic Development and Education</b>					
		<b>District: 7</b>					
Construction		315,000	315,000	315,000	-	-	\$945,000
<b>Project total</b>		<b>\$315,000</b>	<b>\$315,000</b>	<b>\$315,000</b>	-	-	<b>\$945,000</b>
Community Reinvestment		315,000	315,000	315,000	-	-	\$945,000
<b>Funding total</b>		<b>\$315,000</b>	<b>\$315,000</b>	<b>\$315,000</b>	-	-	<b>\$945,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Economic Development**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CD20000014</b>	<b>ASU THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT</b>						
							<b>Function: Downtown Development</b>
	City participation in the development of ASU's Thunderbird School of Global Management in downtown Phoenix.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	1,500,000	1,500,000	1,500,000	1,500,000	\$6,000,000
<b>Project total</b>		<b>-</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$6,000,000</b>
Community Reinvestment		-	1,500,000	1,500,000	1,500,000	1,500,000	\$6,000,000
<b>Funding total</b>		<b>-</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$6,000,000</b>
<b>CD30000024</b>	<b>ROOSEVELT ROW / EVANS CHURCHILL ENHANCED MUNICIPAL SERVICES DISTRICT STUDY</b>						
							<b>Function: Downtown Development</b>
	Study the feasibility of a new business improvement district in downtown Phoenix.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7 &amp; 8</b>
Study		75,000	-	-	-	-	\$75,000
<b>Project total</b>		<b>\$75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$75,000</b>
Community Reinvestment		75,000	-	-	-	-	\$75,000
<b>Funding total</b>		<b>\$75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$75,000</b>
<b>ED30000007</b>	<b>STRATEGIC ECONOMIC DEVELOPMENT FUND</b>						
							<b>Function: Economic Development</b>
	Support and advance Phoenix's competitive position in the global economy by pursuing redevelopment opportunities in critical areas of the City.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: Citywide</b>
Construction		1,000,000	624,020	624,020	624,020	624,020	\$3,496,080
<b>Project total</b>		<b>\$1,000,000</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$3,496,080</b>
Other Restricted		1,000,000	624,020	624,020	624,020	624,020	\$3,496,080
<b>Funding total</b>		<b>\$1,000,000</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$624,020</b>	<b>\$3,496,080</b>
<b>Program total</b>		<b>\$8,561,060</b>	<b>\$5,939,020</b>	<b>\$7,211,213</b>	<b>\$5,624,020</b>	<b>\$5,174,020</b>	<b>\$32,509,333</b>

## Facilities Management

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Downtown Facilities Management	2,545,000	-	-	-	-	\$2,545,000
Energy Projects	500,000	500,000	500,000	500,000	500,000	\$2,500,000
Equipment Management	792,000	-	-	-	-	\$792,000
Metro-Facilities Management	12,529,000	13,275,000	13,275,000	13,275,000	13,275,000	\$65,629,000
<b>Total</b>	<b>\$16,366,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$71,466,000</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Aviation	74,000	-	-	-	-	\$74,000
Convention Center	32,000	-	-	-	-	\$32,000
Development Services	16,950	-	-	-	-	\$16,950
General Fund	14,848,000	13,775,000	13,775,000	13,775,000	13,775,000	\$69,948,000
Other Restricted	750,000	-	-	-	-	\$750,000
Solid Waste	109,390	-	-	-	-	\$109,390
Transportation 2050	171,000	-	-	-	-	\$171,000
Wastewater	141,650	-	-	-	-	\$141,650
Water	143,910	-	-	-	-	\$143,910
<b>Total Operating Funds</b>	<b>\$16,286,900</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$71,386,900</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Other	79,100	-	-	-	-	\$79,100
<b>Total Bond Funds</b>	<b>\$79,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$79,100</b>
<b>Program Total</b>	<b>\$16,366,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$71,466,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Facilities Management**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW21100005 CENTRAL MONITORING SYSTEM UPGRADE</b>							<b>Function: Metro-Facilities Management</b>
Upgrade the existing system that monitors citywide fire systems, intrusion systems and cameras, including upgrading all equipment and software which has reached end of life, and create a redundant site.							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
<b>Construction</b>		2,962,000	-	-	-	-	\$2,962,000
<b>Project total</b>		<b>\$2,962,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,962,000</b>
Aviation		74,000	-	-	-	-	\$74,000
Convention Center		32,000	-	-	-	-	\$32,000
General Fund		2,349,000	-	-	-	-	\$2,349,000
Solid Waste		64,000	-	-	-	-	\$64,000
Transportation 2050		171,000	-	-	-	-	\$171,000
Wastewater		136,000	-	-	-	-	\$136,000
Water		136,000	-	-	-	-	\$136,000
<b>Funding total</b>		<b>\$2,962,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,962,000</b>
<b>PW23240022 PHOENIX CITY HALL ELEVATOR REHABILITATION</b>							<b>Function: Downtown Facilities Management</b>
Rehabilitate the elevators in Phoenix City Hall.							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
<b>Construction</b>		113,000	-	-	-	-	\$113,000
<b>Project total</b>		<b>\$113,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$113,000</b>
Development Services		16,950	-	-	-	-	\$16,950
Nonprofit Corporation Bonds - Other		79,100	-	-	-	-	\$79,100
Solid Waste		3,390	-	-	-	-	\$3,390
Wastewater		5,650	-	-	-	-	\$5,650
Water		7,910	-	-	-	-	\$7,910
<b>Funding total</b>		<b>\$113,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$113,000</b>
<b>PW23240023 PUBLIC WORKS EQUIPMENT REPLACEMENT</b>							<b>Function: Downtown Facilities Management</b>
Replace critical equipment in Public Works Department facilities.							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
<b>Construction</b>		500,000	-	-	-	-	\$500,000
<b>Project total</b>		<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$500,000</b>
General Fund		500,000	-	-	-	-	\$500,000
<b>Funding total</b>		<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$500,000</b>







**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Facilities Management**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW26570001</b>	<b>FIRE DEPARTMENT FIVE-YEAR PLAN</b> <small>Complete repair and replacement projects that are larger and more complex than normal maintenance work at Fire Department facilities.</small>						
						<b>Function: Metro-Facilities Management</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
	Construction	275,000	-	-	-	-	\$275,000
	<b>Project total</b>	<b>\$275,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$275,000</b>
	General Fund	275,000	-	-	-	-	\$275,000
	<b>Funding total</b>	<b>\$275,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$275,000</b>
<b>PW26700001</b>	<b>PUBLIC WORKS DEPARTMENT FIVE-YEAR PLAN</b> <small>Complete repair and replacement projects that are larger and more complex than normal maintenance work at Public Works Department facilities.</small>						
						<b>Function: Metro-Facilities Management</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
	Construction	3,050,000	-	-	-	-	\$3,050,000
	<b>Project total</b>	<b>\$3,050,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,050,000</b>
	General Fund	3,050,000	-	-	-	-	\$3,050,000
	<b>Funding total</b>	<b>\$3,050,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,050,000</b>
<b>PW26890001</b>	<b>HUMAN SERVICES DEPARTMENT FIVE-YEAR PLAN</b> <small>Complete repair and replacement projects that are larger and more complex than normal maintenance work at Human Services Department facilities.</small>						
						<b>Function: Metro-Facilities Management</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
	Construction	185,000	-	-	-	-	\$185,000
	<b>Project total</b>	<b>\$185,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$185,000</b>
	General Fund	185,000	-	-	-	-	\$185,000
	<b>Funding total</b>	<b>\$185,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$185,000</b>
<b>PW34030072</b>	<b>ENERGY CONSERVATION-CITYWIDE</b> <small>Construct energy conservation projects at various facilities citywide.</small>						
						<b>Function: Energy Projects</b>	
						<b>Strategic Plan: Innovation and Efficiency</b>	
						<b>District: Citywide</b>	
	Construction	500,000	500,000	500,000	500,000	500,000	\$2,500,000
	<b>Project total</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
	General Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
	<b>Funding total</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
<b>Program total</b>		<b>\$16,366,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$13,775,000</b>	<b>\$71,466,000</b>

## Fire Protection

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Communications, Command and Control	12,000,000	-	-	-	-	\$12,000,000
New Fire Station Development	4,353,120	-	-	-	-	\$4,353,120
<b>Total</b>	<b>\$16,353,120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$16,353,120</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Other Restricted	6,100,000	-	-	-	-	\$6,100,000
<b>Total Operating Funds</b>	<b>\$6,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,100,000</b>
<u>Bond Funds</u>						
2006 General Obligation Bonds	3,500,000	-	-	-	-	\$3,500,000
Nonprofit Corporation Bonds - Other	2,400,000	-	-	-	-	\$2,400,000
<b>Total Bond Funds</b>	<b>\$5,900,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,900,000</b>
<u>Other Capital Funds</u>						
Impact Fees	4,353,120	-	-	-	-	\$4,353,120
<b>Total Other Capital Funds</b>	<b>\$4,353,120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,353,120</b>
<b>Program Total</b>	<b>\$16,353,120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$16,353,120</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Fire Protection**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>FD57100024</b>	<b>FIRE STATION 58 IN ESTRELLA LAVEEN</b>						
	Design, construct and equip Fire Station 58 at 47th Avenue and Dobbins Road.						
							<b>District: 7</b>
	<b>Equipment</b>	260,000	-	-	-	-	\$260,000
	<b>Project total</b>	<b>\$260,000</b>	-	-	-	-	<b>\$260,000</b>
	<b>Impact Fees</b>	260,000	-	-	-	-	\$260,000
	<b>Funding total</b>	<b>\$260,000</b>	-	-	-	-	<b>\$260,000</b>
<b>FD57100025</b>	<b>FIRE DEPARTMENT IMPACT FEE INFRASTRUCTURE</b>						
	Provide funding for programming various impact fee areas as projects are identified.						
							<b>District: 1, 2, 6 &amp; 7</b>
	<b>Construction</b>	4,093,120	-	-	-	-	\$4,093,120
	<b>Project total</b>	<b>\$4,093,120</b>	-	-	-	-	<b>\$4,093,120</b>
	<b>Impact Fees</b>	4,093,120	-	-	-	-	\$4,093,120
	<b>Funding total</b>	<b>\$4,093,120</b>	-	-	-	-	<b>\$4,093,120</b>
<b>FD57140006</b>	<b>COMPUTER-AIDED DISPATCH SYSTEM REPLACEMENT</b>						
	Purchase new software and equipment for the Computer-Aided Dispatch system used by the City of Phoenix and mutual aide partners.						
							<b>District: Citywide</b>
	<b>Equipment</b>	12,000,000	-	-	-	-	\$12,000,000
	<b>Project total</b>	<b>\$12,000,000</b>	-	-	-	-	<b>\$12,000,000</b>
	2006 Police, Fire and Homeland Security Bonds	3,500,000	-	-	-	-	\$3,500,000
	Nonprofit Corporation Bonds - Other	2,400,000	-	-	-	-	\$2,400,000
	Other Restricted	6,100,000	-	-	-	-	\$6,100,000
	<b>Funding total</b>	<b>\$12,000,000</b>	-	-	-	-	<b>\$12,000,000</b>
<b>Program total</b>		<b>\$16,353,120</b>	-	-	-	-	<b>\$16,353,120</b>

## Housing

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Affordable Housing Development	200,000	200,000	200,000	200,000	200,000	\$1,000,000
HOME Project	8,547,292	5,970,000	6,070,000	6,520,000	6,520,000	\$33,627,292
HOPE VI	9,896,190	5,162,080	2,650,230	-	-	\$17,708,500
Housing Remodeling	1,012,247	649,940	550,000	600,000	800,000	\$3,612,187
Rental Assistance Demonstration	4,737,615	6,400,000	1,850,000	1,500,000	1,500,000	\$15,987,615
Rental Housing Development	1,862,000	-	-	-	-	\$1,862,000
Senior Housing Modernization	1,500,000	500,000	500,000	500,000	500,000	\$3,500,000
<b>Total</b>	<b>\$27,755,344</b>	<b>\$18,882,020</b>	<b>\$11,820,230</b>	<b>\$9,320,000</b>	<b>\$9,520,000</b>	<b>\$77,297,594</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Operating Grants	20,443,482	14,232,080	9,220,230	7,020,000	7,020,000	\$57,935,792
Other Restricted	1,200,000	1,600,000	200,000	200,000	200,000	\$3,400,000
<b>Total Operating Funds</b>	<b>\$21,643,482</b>	<b>\$15,832,080</b>	<b>\$9,420,230</b>	<b>\$7,220,000</b>	<b>\$7,220,000</b>	<b>\$61,335,792</b>
<u>Other Capital Funds</u>						
Capital Grants	6,111,862	3,049,940	2,400,000	2,100,000	2,300,000	\$15,961,802
<b>Total Other Capital Funds</b>	<b>\$6,111,862</b>	<b>\$3,049,940</b>	<b>\$2,400,000</b>	<b>\$2,100,000</b>	<b>\$2,300,000</b>	<b>\$15,961,802</b>
<b>Program Total</b>	<b>\$27,755,344</b>	<b>\$18,882,020</b>	<b>\$11,820,230</b>	<b>\$9,320,000</b>	<b>\$9,520,000</b>	<b>\$77,297,594</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AH10120080</b>	<b>SUNNYSLOPE MANOR IMPROVEMENTS</b>						
Construct remodeling projects at the Sunnyslope Manor senior housing site located at 205 East Ruth Street.							
							District: 6
	Construction	700,000	200,000	200,000	200,000	200,000	\$1,500,000
	<b>Project total</b>	<b>\$700,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,500,000</b>
	Operating Grants	700,000	200,000	200,000	200,000	200,000	\$1,500,000
	<b>Funding total</b>	<b>\$700,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,500,000</b>
<b>AH10120091</b>	<b>FILLMORE GARDENS IMPROVEMENTS</b>						
Repair and renovate the Fillmore Gardens senior housing site located at 802 North 22nd Place.							
							District: 8
	Construction	800,000	300,000	300,000	300,000	300,000	\$2,000,000
	<b>Project total</b>	<b>\$800,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$2,000,000</b>
	Operating Grants	800,000	300,000	300,000	300,000	300,000	\$2,000,000
	<b>Funding total</b>	<b>\$800,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$2,000,000</b>
<b>AH10150007</b>	<b>CAPITAL FUND PROGRAM LABOR COSTS</b>						
Provide for citywide labor costs associated with grant funds.							
							District: Citywide
	Other	669,187	349,940	300,000	400,000	600,000	\$2,319,127
	<b>Project total</b>	<b>\$669,187</b>	<b>\$349,940</b>	<b>\$300,000</b>	<b>\$400,000</b>	<b>\$600,000</b>	<b>\$2,319,127</b>
	Capital Grants	669,187	349,940	300,000	400,000	600,000	\$2,319,127
	<b>Funding total</b>	<b>\$669,187</b>	<b>\$349,940</b>	<b>\$300,000</b>	<b>\$400,000</b>	<b>\$600,000</b>	<b>\$2,319,127</b>
<b>AH10150008</b>	<b>CAPITAL FUND PROGRAM ADMINISTRATION</b>						
Provide for citywide administration costs associated with grant funds.							
							District: Citywide
	Other	343,060	300,000	250,000	200,000	200,000	\$1,293,060
	<b>Project total</b>	<b>\$343,060</b>	<b>\$300,000</b>	<b>\$250,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,293,060</b>
	Capital Grants	343,060	300,000	250,000	200,000	200,000	\$1,293,060
	<b>Funding total</b>	<b>\$343,060</b>	<b>\$300,000</b>	<b>\$250,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,293,060</b>
<b>AH20610001</b>	<b>AFFORDABLE HOUSING DEVELOPMENT</b>						
Construct affordable housing properties citywide.							
							District: Citywide
	Construction	200,000	200,000	200,000	200,000	200,000	\$1,000,000
	<b>Project total</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
	Other Restricted	200,000	200,000	200,000	200,000	200,000	\$1,000,000
	<b>Funding total</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AH20620001</b>	<b>RENTAL HOUSING DEVELOPMENT LOAN PROGRAM</b>						
	Provide for construction costs related to new loan programs as leverage for affordable properties.						
							<b>Function: Rental Housing Development</b>
							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: Citywide</b>
	Construction	1,862,000	-	-	-	-	\$1,862,000
	<b>Project total</b>	<b>\$1,862,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,862,000</b>
	Capital Grants	1,862,000	-	-	-	-	\$1,862,000
	<b>Funding total</b>	<b>\$1,862,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,862,000</b>
<b>AH30100000</b>	<b>HOME MULTIFAMILY LOAN PROGRAM</b>						
	Provide HOME grant funds to nonprofit organizations for construction costs of affordable housing properties.						
							<b>Function: HOME Project</b>
							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: Citywide</b>
	Construction	4,741,000	4,520,000	4,520,000	4,520,000	4,520,000	\$22,821,000
	<b>Project total</b>	<b>\$4,741,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$22,821,000</b>
	Operating Grants	4,741,000	4,520,000	4,520,000	4,520,000	4,520,000	\$22,821,000
	<b>Funding total</b>	<b>\$4,741,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$4,520,000</b>	<b>\$22,821,000</b>
<b>AH30100013</b>	<b>THE REVELLO APARTMENTS</b>						
	Construct a 76-unit affordable permanent-housing apartment community located at 1600 West Camelback Road. Eight units will be city set-aside units serving persons with physical disabilities and senior residents.						
							<b>Function: HOME Project</b>
							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: 4</b>
	Construction	300,600	-	-	-	-	\$300,600
	<b>Project total</b>	<b>\$300,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,600</b>
	Operating Grants	300,600	-	-	-	-	\$300,600
	<b>Funding total</b>	<b>\$300,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,600</b>
<b>AH30100014</b>	<b>HORACE STEELE COMMONS</b>						
	Rehabilitate an existing 84-unit permanent housing community and construct six additional units located near north Grand Avenue. All units will serve chronically-homeless persons, with 23 units also serving persons with serious mental illness.						
							<b>Function: HOME Project</b>
							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: 4</b>
	Construction	665,715	-	-	-	-	\$665,715
	<b>Project total</b>	<b>\$665,715</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$665,715</b>
	Operating Grants	665,715	-	-	-	-	\$665,715
	<b>Funding total</b>	<b>\$665,715</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$665,715</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AH30100015</b>	<b>EL CARO HOMES</b>						
Acquire and develop 50 units of permanent single-family rental housing, targeting persons with developmental disabilities.							
							Function: HOME Project
							Strategic Plan: Neighborhoods and Livability
							District: 5
Construction		1,005,000	-	-	-	-	\$1,005,000
<b>Project total</b>		<b>\$1,005,000</b>	-	-	-	-	<b>\$1,005,000</b>
Operating Grants		1,005,000	-	-	-	-	\$1,005,000
<b>Funding total</b>		<b>\$1,005,000</b>	-	-	-	-	<b>\$1,005,000</b>
<b>AH30100016</b>	<b>ACACIA HEIGHTS</b>						
Remodel a 78-unit affordable multifamily apartment community.							
							Function: HOME Project
							Strategic Plan: Neighborhoods and Livability
							District: 4
Construction		542,369	-	-	-	-	\$542,369
<b>Project total</b>		<b>\$542,369</b>	-	-	-	-	<b>\$542,369</b>
Operating Grants		542,369	-	-	-	-	\$542,369
<b>Funding total</b>		<b>\$542,369</b>	-	-	-	-	<b>\$542,369</b>
<b>AH30100017</b>	<b>NORTHERN GARDENS PHASE II</b>						
Remodel a 77-unit affordable multifamily apartment community.							
							Function: HOME Project
							Strategic Plan: Neighborhoods and Livability
							District: 5
Construction		700,000	-	-	-	-	\$700,000
<b>Project total</b>		<b>\$700,000</b>	-	-	-	-	<b>\$700,000</b>
Operating Grants		700,000	-	-	-	-	\$700,000
<b>Funding total</b>		<b>\$700,000</b>	-	-	-	-	<b>\$700,000</b>
<b>AH30300009</b>	<b>CENTER COURT</b>						
Remodel a 24-unit affordable multifamily apartment community.							
							Function: HOME Project
							Strategic Plan: Neighborhoods and Livability
							District: 4
Construction		400,000	-	-	-	-	\$400,000
<b>Project total</b>		<b>\$400,000</b>	-	-	-	-	<b>\$400,000</b>
Operating Grants		400,000	-	-	-	-	\$400,000
<b>Funding total</b>		<b>\$400,000</b>	-	-	-	-	<b>\$400,000</b>
<b>AH30400000</b>	<b>HOME PROGRAM INCOME PROJECTS</b>						
Provide HOME grant funds to nonprofit organizations for construction costs of affordable housing properties.							
							Function: HOME Project
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		192,608	1,450,000	1,550,000	2,000,000	2,000,000	\$7,192,608
<b>Project total</b>		<b>\$192,608</b>	<b>\$1,450,000</b>	<b>\$1,550,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$7,192,608</b>
Operating Grants		192,608	1,450,000	1,550,000	2,000,000	2,000,000	\$7,192,608
<b>Funding total</b>		<b>\$192,608</b>	<b>\$1,450,000</b>	<b>\$1,550,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$7,192,608</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AH40200010</b>	<b>FOOTHILLS VILLAGE</b>						
	Under the HUD Rental Assistance Demonstration program, convert 200 public housing units from a Public Housing operating subsidy to a long-term, renewable, project-based Section 8 contract.						
							<b>District: 7</b>
	Construction	2,000,000	4,000,000	-	-	-	\$6,000,000
	<b>Project total</b>	<b>\$2,000,000</b>	<b>\$4,000,000</b>	-	-	-	<b>\$6,000,000</b>
	Operating Grants	1,000,000	2,600,000	-	-	-	\$3,600,000
	Other Restricted	1,000,000	1,400,000	-	-	-	\$2,400,000
	<b>Funding total</b>	<b>\$2,000,000</b>	<b>\$4,000,000</b>	-	-	-	<b>\$6,000,000</b>
<b>AH40200030</b>	<b>MARYVALE PARKWAY RENTAL ASSISTANCE DEMONSTRATION PROJECT</b>						
	Conduct an extensive remodel to the Maryvale Parkway property and convert it from public housing to section 8.						
							<b>District: 5</b>
	Construction	2,000,000	1,650,000	-	-	-	\$3,650,000
	<b>Project total</b>	<b>\$2,000,000</b>	<b>\$1,650,000</b>	-	-	-	<b>\$3,650,000</b>
	Capital Grants	2,000,000	1,650,000	-	-	-	\$3,650,000
	<b>Funding total</b>	<b>\$2,000,000</b>	<b>\$1,650,000</b>	-	-	-	<b>\$3,650,000</b>
<b>AH40200040</b>	<b>PINE TOWERS RENTAL ASSISTANCE DEMONSTRATION PROJECT</b>						
	Conduct an extensive remodel to the Pine Towers property and convert it from public housing to section 8.						
							<b>District: 8</b>
	Construction	737,615	750,000	-	-	-	\$1,487,615
	<b>Project total</b>	<b>\$737,615</b>	<b>\$750,000</b>	-	-	-	<b>\$1,487,615</b>
	Capital Grants	737,615	750,000	-	-	-	\$1,487,615
	<b>Funding total</b>	<b>\$737,615</b>	<b>\$750,000</b>	-	-	-	<b>\$1,487,615</b>
<b>AH40200050</b>	<b>FRANK LUKE RENTAL ASSISTANCE DEMONSTRATION PROJECT</b>						
	Demolish 38 public housing units at A.L. Krohn East and construct 78 units in their place utilizing low-income housing tax credits, a private mortgage, and a construction loan.						
							<b>District: 8</b>
	Construction	-	-	1,850,000	1,500,000	1,500,000	\$4,850,000
	<b>Project total</b>	-	-	<b>\$1,850,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$4,850,000</b>
	Capital Grants	-	-	1,850,000	1,500,000	1,500,000	\$4,850,000
	<b>Funding total</b>	-	-	<b>\$1,850,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$4,850,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>AH50100010</b>	<b>PHASE I EDISON-EASTLAKE: KROHN EAST</b>						
Acquire a vacant lot and construct 177 units of multifamily rental housing at 19th Street and Roosevelt.							
<b>Function: HOPE VI</b>							
<b>Strategic Plan: Neighborhoods and Livability</b>							
<b>District: 8</b>							
Construction		760,000	-	-	-	-	\$760,000
<b>Project total</b>		<b>\$760,000</b>	-	-	-	-	<b>\$760,000</b>
Operating Grants		760,000	-	-	-	-	\$760,000
<b>Funding total</b>		<b>\$760,000</b>	-	-	-	-	<b>\$760,000</b>
<b>AH50100020</b>	<b>PHASE II EDISON-EASTLAKE: A.L. KROHN</b>						
Demolish existing public housing units and construct 170 units of mixed-income multifamily rental housing.							
<b>Function: HOPE VI</b>							
<b>Strategic Plan: Neighborhoods and Livability</b>							
<b>District: 8</b>							
Construction		6,600,000	-	-	-	-	\$6,600,000
<b>Project total</b>		<b>\$6,600,000</b>	-	-	-	-	<b>\$6,600,000</b>
Operating Grants		6,600,000	-	-	-	-	\$6,600,000
<b>Funding total</b>		<b>\$6,600,000</b>	-	-	-	-	<b>\$6,600,000</b>
<b>AH50100030</b>	<b>PHASE III EDISON-EASTLAKE: FRANK LUKE</b>						
Demolish existing public housing units and construct 235 units of mixed-income multifamily rental housing.							
<b>Function: HOPE VI</b>							
<b>Strategic Plan: Neighborhoods and Livability</b>							
<b>District: 8</b>							
Construction		600,000	5,000,000	-	-	-	\$5,600,000
<b>Project total</b>		<b>\$600,000</b>	<b>\$5,000,000</b>	-	-	-	<b>\$5,600,000</b>
Operating Grants		600,000	5,000,000	-	-	-	\$5,600,000
<b>Funding total</b>		<b>\$600,000</b>	<b>\$5,000,000</b>	-	-	-	<b>\$5,600,000</b>
<b>AH50100040</b>	<b>PHASE IV EDISON-EASTLAKE: SIDNEY P. OSBORN</b>						
Demolish existing public housing units and construct 390 units of multifamily rental housing.							
<b>Function: HOPE VI</b>							
<b>Strategic Plan: Neighborhoods and Livability</b>							
<b>District: 8</b>							
Construction		1,436,190	162,080	2,650,230	-	-	\$4,248,500
<b>Project total</b>		<b>\$1,436,190</b>	<b>\$162,080</b>	<b>\$2,650,230</b>	-	-	<b>\$4,248,500</b>
Operating Grants		1,436,190	162,080	2,650,230	-	-	\$4,248,500
<b>Funding total</b>		<b>\$1,436,190</b>	<b>\$162,080</b>	<b>\$2,650,230</b>	-	-	<b>\$4,248,500</b>
<b>AH60100050</b>	<b>FRANK LUKE ADDITION PROJECT PHASE V</b>						
Complete Frank Luke Addition Revitalization by creating 60 units of mixed income multi-family rental properties.							
<b>Function: HOPE VI</b>							
<b>Strategic Plan: Neighborhoods and Livability</b>							
<b>District: 8</b>							
Construction		500,000	-	-	-	-	\$500,000
<b>Project total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Capital Grants		500,000	-	-	-	-	\$500,000
<b>Funding total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Housing**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
	<b>Program total</b>	<b>\$27,755,344</b>	<b>\$18,882,020</b>	<b>\$11,820,230</b>	<b>\$9,320,000</b>	<b>\$9,520,000</b>	<b>\$77,297,594</b>

## Information Technology

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Citywide Projects	3,068,943	1,969,000	1,969,000	1,969,000	1,969,000	\$10,944,943
Debt Service	800,000	-	-	-	-	\$800,000
Telecommunications	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
<b>Total</b>	<b>\$5,868,943</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$21,744,943</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Aviation	118,000	118,000	118,000	118,000	118,000	\$590,000
Development Services	39,000	39,000	39,000	39,000	39,000	\$195,000
General Fund	3,532,000	3,532,000	3,532,000	3,532,000	3,532,000	\$17,660,000
Solid Waste	83,000	83,000	83,000	83,000	83,000	\$415,000
Wastewater	79,000	79,000	79,000	79,000	79,000	\$395,000
Water	118,000	118,000	118,000	118,000	118,000	\$590,000
<b>Total Operating Funds</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$19,845,000</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Other	1,099,943	-	-	-	-	\$1,099,943
<b>Total Bond Funds</b>	<b>\$1,099,943</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,099,943</b>
<u>Other Capital Funds</u>						
Capital Reserves	800,000	-	-	-	-	\$800,000
<b>Total Other Capital Funds</b>	<b>\$800,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$800,000</b>
<b>Program Total</b>	<b>\$5,868,943</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$21,744,943</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Information Technology**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>IT00000010</b>	<b>MICROWAVE REPLACEMENT</b>						
	Replace obsolete microwave infrastructure supporting city networks, including data, voice, process control and public safety communications.						
							<b>Function: Citywide Projects</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
Technology		1,099,943	-	-	-	-	\$1,099,943
<b>Project total</b>		<b>\$1,099,943</b>	-	-	-	-	<b>\$1,099,943</b>
Nonprofit Corporation Bonds - Other		1,099,943	-	-	-	-	\$1,099,943
<b>Funding total</b>		<b>\$1,099,943</b>	-	-	-	-	<b>\$1,099,943</b>
<b>IT00000011</b>	<b>TECHNOLOGY PROJECTS</b>						
	Fund citywide technology projects.						
							<b>Function: Citywide Projects</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
Technology		1,969,000	1,969,000	1,969,000	1,969,000	1,969,000	\$9,845,000
<b>Project total</b>		<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$9,845,000</b>
Aviation		118,000	118,000	118,000	118,000	118,000	\$590,000
Development Services		39,000	39,000	39,000	39,000	39,000	\$195,000
General Fund		1,532,000	1,532,000	1,532,000	1,532,000	1,532,000	\$7,660,000
Solid Waste		83,000	83,000	83,000	83,000	83,000	\$415,000
Wastewater		79,000	79,000	79,000	79,000	79,000	\$395,000
Water		118,000	118,000	118,000	118,000	118,000	\$590,000
<b>Funding total</b>		<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$1,969,000</b>	<b>\$9,845,000</b>
<b>IT20200010</b>	<b>800MHZ RADIOS</b>						
	Replace 800MHZ radios that have reached the end of their useful lives or have become obsolete.						
							<b>Function: Telecommunications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
Technology		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
<b>Project total</b>		<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$10,000,000</b>
General Fund		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
<b>Funding total</b>		<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$10,000,000</b>
<b>BIPTS0000N</b>	<b>BOND ISSUANCE COSTS</b>						
	Provide for bond issuance costs.						
							<b>Function: Debt Service</b>
							<b>Strategic Plan: Financial Excellence</b>
							<b>District: Citywide</b>
Other		800,000	-	-	-	-	\$800,000
<b>Project total</b>		<b>\$800,000</b>	-	-	-	-	<b>\$800,000</b>
Capital Reserves		800,000	-	-	-	-	\$800,000
<b>Funding total</b>		<b>\$800,000</b>	-	-	-	-	<b>\$800,000</b>
<b>Program total</b>		<b>\$5,868,943</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$3,969,000</b>	<b>\$21,744,943</b>

## Libraries

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Branch Libraries	955,000	1,321,149	1,037,500	1,317,500	9,915,819	\$14,546,968
<b>Total</b>	<b>\$955,000</b>	<b>\$1,321,149</b>	<b>\$1,037,500</b>	<b>\$1,317,500</b>	<b>\$9,915,819</b>	<b>\$14,546,968</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
General Fund - Library	955,000	972,100	1,037,500	1,317,500	1,472,500	\$5,754,600
<b>Total Operating Funds</b>	<b>\$955,000</b>	<b>\$972,100</b>	<b>\$1,037,500</b>	<b>\$1,317,500</b>	<b>\$1,472,500</b>	<b>\$5,754,600</b>
<u>Other Capital Funds</u>						
Impact Fees	-	349,049	-	-	8,443,319	\$8,792,368
<b>Total Other Capital Funds</b>	<b>-</b>	<b>\$349,049</b>	<b>-</b>	<b>-</b>	<b>\$8,443,319</b>	<b>\$8,792,368</b>
<b>Program Total</b>	<b>\$955,000</b>	<b>\$1,321,149</b>	<b>\$1,037,500</b>	<b>\$1,317,500</b>	<b>\$9,915,819</b>	<b>\$14,546,968</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Libraries**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>LS71200007</b>	<b>BRANCH IMPROVEMENTS</b>						
Construct improvements to maintain branch libraries to current standards.							
						<b>Function: Branch Libraries</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: Citywide</b>	
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
General Fund - Library		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
<b>LS71200043</b>	<b>ESTRELLA LIBRARY</b>						
Design and construct a new library branch in the Estrella area with partial funding identified.							
						<b>Function: Branch Libraries</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 7 &amp; 8</b>	
Estimated full-year ongoing operating costs:		\$7,689,400					
Land Acquisition		-	-	-	-	5,370,097	\$5,370,097
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,370,097</b>	<b>\$5,370,097</b>
Impact Fees		-	-	-	-	5,370,097	\$5,370,097
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,370,097</b>	<b>\$5,370,097</b>
<b>LS71200050</b>	<b>NORTH GATEWAY BRANCH LIBRARY</b>						
Design and construct a new library branch in the North Gateway area with partial funding identified.							
						<b>Function: Branch Libraries</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 1 &amp; 2</b>	
Estimated full-year ongoing operating costs:		\$5,038,938					
Land Acquisition		-	-	-	-	669,266	\$669,266
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$669,266</b>	<b>\$669,266</b>
Impact Fees		-	-	-	-	669,266	\$669,266
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$669,266</b>	<b>\$669,266</b>
<b>LS71200081</b>	<b>IRONWOOD BRANCH REMODEL</b>						
Construct improvements to Ironwood Branch Library.							
						<b>Function: Branch Libraries</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 6</b>	
Construction		-	349,049	-	-	-	\$349,049
<b>Project total</b>		<b>-</b>	<b>\$349,049</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$349,049</b>
Impact Fees		-	349,049	-	-	-	\$349,049
<b>Funding total</b>		<b>-</b>	<b>\$349,049</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$349,049</b>
<b>LS71200086</b>	<b>DESERT BROOM LIBRARY EXPANSION</b>						
Design and construct a 15,000 square-foot expansion of Desert Broom Library.							
						<b>Function: Branch Libraries</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 2</b>	
Estimated full-year ongoing operating costs:		\$3,079,872					
Construction		-	-	-	-	2,403,956	\$2,403,956
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,403,956</b>	<b>\$2,403,956</b>
Impact Fees		-	-	-	-	2,403,956	\$2,403,956
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,403,956</b>	<b>\$2,403,956</b>





## Neighborhood Services

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b><u>Use of Funds</u></b>						
<u>Functional Area</u>						
Acquisition Slum and Blight	400,000	-	-	-	-	\$400,000
Neighborhood Infrastructure	300,000	-	-	-	-	\$300,000
<b>Total</b>	<b>\$700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$700,000</b>
<b><u>Source of Funds</u></b>						
<u>Operating Funds</u>						
Operating Grants	700,000	-	-	-	-	\$700,000
<b>Total Operating Funds</b>	<b>\$700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$700,000</b>
<b>Program Total</b>	<b>\$700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$700,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Neighborhood Services**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>ND30120011</b>	<b>JORGENSEN SUNLAND SAFE ROUTE</b>						
	Install a safe route to school and improve street on Sunland Avenue, 135 feet east of 16th Drive to 15th Avenue.						
							<b>District: 7</b>
	Construction	300,000	-	-	-	-	\$300,000
	<b>Project total</b>	<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>
	Operating Grants	300,000	-	-	-	-	\$300,000
	<b>Funding total</b>	<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>
<b>ND30130000</b>	<b>NEIGHBORHOOD STABILIZATION</b>						
	Purchase and develop foreclosed properties to improve neighborhood stabilization.						
							<b>District: Citywide</b>
	Construction	400,000	-	-	-	-	\$400,000
	<b>Project total</b>	<b>\$400,000</b>	-	-	-	-	<b>\$400,000</b>
	Operating Grants	400,000	-	-	-	-	\$400,000
	<b>Funding total</b>	<b>\$400,000</b>	-	-	-	-	<b>\$400,000</b>
<b>Program total</b>		<b>\$700,000</b>	-	-	-	-	<b>\$700,000</b>

## Parks, Recreation and Mountain Preserves

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
General Park Development	15,695,000	8,225,000	10,400,000	17,250,000	16,370,000	\$67,940,000
Park Land Acquisition	5,000,000	5,000,000	5,000,000	1,500,000	1,500,000	\$18,000,000
Specialty Areas	13,332,000	9,650,000	9,650,000	9,900,000	11,600,000	\$54,132,000
Trails	700,000	700,000	700,000	700,000	700,000	\$3,500,000
<b>Total</b>	<b>\$34,727,000</b>	<b>\$23,575,000</b>	<b>\$25,750,000</b>	<b>\$29,350,000</b>	<b>\$30,170,000</b>	<b>\$143,572,000</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Parks and Preserves	32,527,000	21,575,000	23,750,000	27,350,000	30,170,000	\$135,372,000
Sports Facilities	2,000,000	2,000,000	2,000,000	2,000,000	-	\$8,000,000
Transportation 2050	200,000	-	-	-	-	\$200,000
<b>Total Operating Funds</b>	<b>\$34,727,000</b>	<b>\$23,575,000</b>	<b>\$25,750,000</b>	<b>\$29,350,000</b>	<b>\$30,170,000</b>	<b>\$143,572,000</b>
<b>Program Total</b>	<b>\$34,727,000</b>	<b>\$23,575,000</b>	<b>\$25,750,000</b>	<b>\$29,350,000</b>	<b>\$30,170,000</b>	<b>\$143,572,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75100165</b>	<b>PROTECTION OF SONORAN PRESERVE EDGE</b>						
Install perimeter fencing to protect the Sonoran Preserve from motorized vehicles.							
						<b>Function: Park Land Acquisition</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 1 &amp; 2</b>	
Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>Project total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
Parks and Preserves		500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>Funding total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
<b>PA75100168</b>	<b>SONORAN PRESERVE LAND ACQUISITION</b>						
Provide funding for survey costs and other charges not directly associated with specific parcel purchases.							
						<b>Function: Park Land Acquisition</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: 2</b>	
Estimated full-year ongoing operating costs:		\$200,000					
Land Acquisition		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Project total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
Parks and Preserves		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Funding total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
<b>PA75150049</b>	<b>SPIDER TRAILS REVEGETATION</b>						
Perform revegetation of spider trails.							
						<b>Function: Trails</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: Citywide</b>	
Construction		700,000	700,000	700,000	700,000	700,000	\$3,500,000
<b>Project total</b>		<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$3,500,000</b>
Parks and Preserves		700,000	700,000	700,000	700,000	700,000	\$3,500,000
<b>Funding total</b>		<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$3,500,000</b>
<b>PA75200185</b>	<b>GENERAL PARK DEVELOPMENT</b>						
Construct park development projects as needs are identified.							
						<b>Function: General Park Development</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		745,000	1,000,000	1,000,000	1,250,000	1,000,000	\$4,995,000
<b>Project total</b>		<b>\$745,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,250,000</b>	<b>\$1,000,000</b>	<b>\$4,995,000</b>
Parks and Preserves		745,000	1,000,000	1,000,000	1,250,000	1,000,000	\$4,995,000
<b>Funding total</b>		<b>\$745,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,250,000</b>	<b>\$1,000,000</b>	<b>\$4,995,000</b>
<b>PA75200393</b>	<b>PHOENIX PARKS AND PRESERVE INITIATIVE PARK DEVELOPMENT</b>						
Provide contingency funding for future park improvements and construction.							
						<b>Function: General Park Development</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		2,000,000	2,500,000	2,500,000	2,550,000	2,300,000	\$11,850,000
<b>Project total</b>		<b>\$2,000,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,550,000</b>	<b>\$2,300,000</b>	<b>\$11,850,000</b>
Parks and Preserves		2,000,000	2,500,000	2,500,000	2,550,000	2,300,000	\$11,850,000
<b>Funding total</b>		<b>\$2,000,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,550,000</b>	<b>\$2,300,000</b>	<b>\$11,850,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200538</b>	<b>CESAR CHAVEZ COMMUNITY CENTER</b>						
Construct a new community center at Cesar Chavez Park.							
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Estimated full-year ongoing operating costs:		\$900,000					
Construction		5,000,000	-	-	-	-	\$5,000,000
<b>Project total</b>		<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
Parks and Preserves		5,000,000	-	-	-	-	\$5,000,000
<b>Funding total</b>		<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
<b>PA75200539</b>	<b>COUNTRY GABLES PARK IMPROVEMENTS</b>						
Complete playground equipment, irrigation and area lighting improvements.							
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
Construction		500,000	-	-	-	-	\$500,000
<b>Project total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Parks and Preserves		500,000	-	-	-	-	\$500,000
<b>Funding total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>PA75200543</b>	<b>EDISON PARK IMPROVEMENTS</b>						
Complete sports field and area lighting improvements.							
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		-	400,000	-	-	-	\$400,000
<b>Project total</b>		-	<b>\$400,000</b>	-	-	-	<b>\$400,000</b>
Parks and Preserves		-	400,000	-	-	-	\$400,000
<b>Funding total</b>		-	<b>\$400,000</b>	-	-	-	<b>\$400,000</b>
<b>PA75200549</b>	<b>JOHN TEETS PARK IMPROVEMENTS</b>						
Complete playground, area lighting and parking lot improvements.							
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
Construction		600,000	-	-	-	-	\$600,000
<b>Project total</b>		<b>\$600,000</b>	-	-	-	-	<b>\$600,000</b>
Parks and Preserves		600,000	-	-	-	-	\$600,000
<b>Funding total</b>		<b>\$600,000</b>	-	-	-	-	<b>\$600,000</b>
<b>PA75200552</b>	<b>MADISON PARK RENOVATION</b>						
Complete playground, flood irrigation and ballfield improvements.							
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
Construction		-	1,500,000	-	-	-	\$1,500,000
<b>Project total</b>		-	<b>\$1,500,000</b>	-	-	-	<b>\$1,500,000</b>
Parks and Preserves		-	1,500,000	-	-	-	\$1,500,000
<b>Funding total</b>		-	<b>\$1,500,000</b>	-	-	-	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200553</b>	<b>MARGARET T. HANCE PARK RENOVATION</b>						
	Complete area lighting, irrigation system, park circulation, water element, shade structure, parking area, and band shell improvements.						
							<b>District: 7</b>
	Estimated full-year ongoing operating costs:	\$3,000,000					
	Construction	5,000,000	-	-	-	-	\$5,000,000
	<b>Project total</b>	<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
	Parks and Preserves	5,000,000	-	-	-	-	\$5,000,000
	<b>Funding total</b>	<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
<b>PA75200556</b>	<b>MOMO PARK IMPROVEMENTS</b>						
	Complete playground, ramada, irrigation system and landscape improvements.						
							<b>District: 7</b>
	Construction	-	-	-	-	270,000	\$270,000
	<b>Project total</b>	-	-	-	-	<b>\$270,000</b>	<b>\$270,000</b>
	Parks and Preserves	-	-	-	-	270,000	\$270,000
	<b>Funding total</b>	-	-	-	-	<b>\$270,000</b>	<b>\$270,000</b>
<b>PA75200557</b>	<b>NUESTRO PARK IMPROVEMENTS</b>						
	Complete restroom, playground, ramada and irrigation improvements.						
							<b>District: 8</b>
	Construction	500,000	-	-	-	-	\$500,000
	<b>Project total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
	Parks and Preserves	500,000	-	-	-	-	\$500,000
	<b>Funding total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>PA75200558</b>	<b>PERRY PARK RENOVATION</b>						
	Complete playground, basketball court, parking lot and restroom improvements.						
							<b>District: 8</b>
	Estimated full-year ongoing operating costs:	\$100,000					
	Construction	-	-	750,000	-	-	\$750,000
	<b>Project total</b>	-	-	<b>\$750,000</b>	-	-	<b>\$750,000</b>
	Parks and Preserves	-	-	750,000	-	-	\$750,000
	<b>Funding total</b>	-	-	<b>\$750,000</b>	-	-	<b>\$750,000</b>
<b>PA75200559</b>	<b>PIERCE PARK RENOVATION</b>						
	Complete parking lot, playground, security lighting and sports field lighting improvements.						
							<b>District: 8</b>
	Construction	-	1,000,000	-	-	-	\$1,000,000
	<b>Project total</b>	-	<b>\$1,000,000</b>	-	-	-	<b>\$1,000,000</b>
	Parks and Preserves	-	1,000,000	-	-	-	\$1,000,000
	<b>Funding total</b>	-	<b>\$1,000,000</b>	-	-	-	<b>\$1,000,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200562</b>	<b>SPORTS FIELD LIGHTING</b> Replace sports field lighting citywide.	Function: General Park Development Strategic Plan: Infrastructure District: Citywide					
Construction		400,000	900,000	900,000	900,000	900,000	\$4,000,000
<b>Project total</b>		<b>\$400,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$4,000,000</b>
Parks and Preserves		400,000	900,000	900,000	900,000	900,000	\$4,000,000
<b>Funding total</b>		<b>\$400,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$4,000,000</b>
<b>PA75200565</b>	<b>SUNBURST PARADISE PARK IMPROVEMENTS</b> Complete playground, area lighting and basketball court improvements.	Function: General Park Development Strategic Plan: Infrastructure District: 1					
Construction		150,000	-	-	-	-	\$150,000
<b>Project total</b>		<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
Parks and Preserves		150,000	-	-	-	-	\$150,000
<b>Funding total</b>		<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
<b>PA75200568</b>	<b>SURREY PARK RENOVATION</b> Complete playground, ramada, ADA walkway, irrigation and basketball court improvements.	Function: General Park Development Strategic Plan: Infrastructure District: 1					
Estimated full-year ongoing operating costs:		\$90,000					
Construction		-	-	-	-	1,500,000	\$1,500,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>
Parks and Preserves		-	-	-	-	1,500,000	\$1,500,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>
<b>PA75200569</b>	<b>SWEETWATER PARK IMPROVEMENTS</b> Complete area lighting, playground and parking lot improvements.	Function: General Park Development Strategic Plan: Infrastructure District: 3					
Construction		-	-	-	-	2,000,000	\$2,000,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>
Parks and Preserves		-	-	-	-	2,000,000	\$2,000,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>
<b>PA75200587</b>	<b>CHOLLA COVE PARK IMPROVEMENTS</b> Complete playground and security lighting improvements.	Function: General Park Development Strategic Plan: Infrastructure District: 3					
Construction		-	-	1,000,000	850,000	-	\$1,850,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>\$1,000,000</b>	<b>\$850,000</b>	<b>-</b>	<b>\$1,850,000</b>
Parks and Preserves		-	-	1,000,000	850,000	-	\$1,850,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>\$1,000,000</b>	<b>\$850,000</b>	<b>-</b>	<b>\$1,850,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200588</b>	<b>HO-E PARK IMPROVEMENTS</b>						
Complete area lighting, playground, landscape and irrigation improvements.							
		<b>Function: General Park Development</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 7</b>					
Construction		-	-	-	-	250,000	\$250,000
<b>Project total</b>		-	-	-	-	<b>\$250,000</b>	<b>\$250,000</b>
Parks and Preserves		-	-	-	-	250,000	\$250,000
<b>Funding total</b>		-	-	-	-	<b>\$250,000</b>	<b>\$250,000</b>
<b>PA75200592</b>	<b>LONGVIEW PARK RENOVATION</b>						
Complete playground, community garden area and landscape improvements.							
		<b>Function: General Park Development</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 4</b>					
Construction		-	-	500,000	-	-	\$500,000
<b>Project total</b>		-	-	<b>\$500,000</b>	-	-	<b>\$500,000</b>
Parks and Preserves		-	-	500,000	-	-	\$500,000
<b>Funding total</b>		-	-	<b>\$500,000</b>	-	-	<b>\$500,000</b>
<b>PA75200593</b>	<b>WESTOWN PARK IMPROVEMENTS</b>						
Complete playground, sports field lighting and irrigation improvements.							
		<b>Function: General Park Development</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1</b>					
Construction		-	-	150,000	-	-	\$150,000
<b>Project total</b>		-	-	<b>\$150,000</b>	-	-	<b>\$150,000</b>
Parks and Preserves		-	-	150,000	-	-	\$150,000
<b>Funding total</b>		-	-	<b>\$150,000</b>	-	-	<b>\$150,000</b>
<b>PA75200594</b>	<b>KIERLAND PARK IMPROVEMENTS</b>						
Complete playground and area lighting improvements.							
		<b>Function: General Park Development</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 2</b>					
Construction		-	-	800,000	-	-	\$800,000
<b>Project total</b>		-	-	<b>\$800,000</b>	-	-	<b>\$800,000</b>
Parks and Preserves		-	-	800,000	-	-	\$800,000
<b>Funding total</b>		-	-	<b>\$800,000</b>	-	-	<b>\$800,000</b>
<b>PA75200608</b>	<b>SOUTH MOUNTAIN COMMUNITY CENTER REPAIRS</b>						
Complete interior and exterior building improvements.							
		<b>Function: General Park Development</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 7</b>					
Construction		-	-	-	1,000,000	-	\$1,000,000
<b>Project total</b>		-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>
Parks and Preserves		-	-	-	1,000,000	-	\$1,000,000
<b>Funding total</b>		-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200609</b>	<b>WEST PLAZA PARK RENOVATION</b> Complete park improvements.						
<b>Function: General Park Development</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 5</b>							
Construction		-	-	-	1,200,000	-	\$1,200,000
<b>Project total</b>		-	-	-	<b>\$1,200,000</b>	-	<b>\$1,200,000</b>
Parks and Preserves		-	-	-	1,200,000	-	\$1,200,000
<b>Funding total</b>		-	-	-	<b>\$1,200,000</b>	-	<b>\$1,200,000</b>
<b>PA75200611</b>	<b>LENANG PARK RENOVATION</b> Complete park improvements.						
<b>Function: General Park Development</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 8</b>							
Construction		-	-	-	260,000	-	\$260,000
<b>Project total</b>		-	-	-	<b>\$260,000</b>	-	<b>\$260,000</b>
Parks and Preserves		-	-	-	260,000	-	\$260,000
<b>Funding total</b>		-	-	-	<b>\$260,000</b>	-	<b>\$260,000</b>
<b>PA75200612</b>	<b>NORTH MOUNTAIN PARK IMPROVEMENTS</b> Complete trailhead, ramada, playground area and lighting improvements.						
<b>Function: General Park Development</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 3</b>							
Construction		-	-	-	2,000,000	-	\$2,000,000
<b>Project total</b>		-	-	-	<b>\$2,000,000</b>	-	<b>\$2,000,000</b>
Parks and Preserves		-	-	-	2,000,000	-	\$2,000,000
<b>Funding total</b>		-	-	-	<b>\$2,000,000</b>	-	<b>\$2,000,000</b>
<b>PA75200613</b>	<b>KIPOK PARK RENOVATION</b> Complete park improvements.						
<b>Function: General Park Development</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 7</b>							
Construction		-	-	-	220,000	-	\$220,000
<b>Project total</b>		-	-	-	<b>\$220,000</b>	-	<b>\$220,000</b>
Parks and Preserves		-	-	-	220,000	-	\$220,000
<b>Funding total</b>		-	-	-	<b>\$220,000</b>	-	<b>\$220,000</b>
<b>PA75200614</b>	<b>SUN RAY PARK IMPROVEMENTS</b> Complete landscape, parking lot, security lighting, restroom and ADA accessibility improvements.						
<b>Function: General Park Development</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 6</b>							
Construction		-	-	-	1,500,000	-	\$1,500,000
<b>Project total</b>		-	-	-	<b>\$1,500,000</b>	-	<b>\$1,500,000</b>
Parks and Preserves		-	-	-	1,500,000	-	\$1,500,000
<b>Funding total</b>		-	-	-	<b>\$1,500,000</b>	-	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200615</b>	<b>PARADISE VALLEY COMMUNITY CENTER REPAIRS</b>						
	Complete interior and exterior building improvements.						
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	1,000,000	-	\$1,000,000
	<b>Project total</b>	-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>
	Parks and Preserves	-	-	-	1,000,000	-	\$1,000,000
	<b>Funding total</b>	-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>
<b>PA75200617</b>	<b>EOTOTO PARK RENOVATION</b>						
	Complete park improvements.						
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	-	-	220,000	-	\$220,000
	<b>Project total</b>	-	-	-	<b>\$220,000</b>	-	<b>\$220,000</b>
	Parks and Preserves	-	-	-	220,000	-	\$220,000
	<b>Funding total</b>	-	-	-	<b>\$220,000</b>	-	<b>\$220,000</b>
<b>PA75200618</b>	<b>HOSHONI PARK RENOVATIONS</b>						
	Complete playground, parking lot, irrigation and lighting improvements.						
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	-	-	1,000,000	-	\$1,000,000
	<b>Project total</b>	-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>
	Parks and Preserves	-	-	-	1,000,000	-	\$1,000,000
	<b>Funding total</b>	-	-	-	<b>\$1,000,000</b>	-	<b>\$1,000,000</b>
<b>PA75200619</b>	<b>PARADISE VALLEY PARK</b>						
	Complete area lighting, parking lot, ramada, tennis court, restroom facility and ADA accessibility improvements.						
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	2,000,000	2,000,000	\$4,000,000
	<b>Project total</b>	-	-	-	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$4,000,000</b>
	Parks and Preserves	-	-	-	2,000,000	2,000,000	\$4,000,000
	<b>Funding total</b>	-	-	-	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$4,000,000</b>
<b>PA75200638</b>	<b>CHRISTY COVE RENOVATION</b>						
	Complete area lighting, parking lot and irrigation improvements.						
							<b>Function: General Park Development</b>
							<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: 3</b>
	Construction	-	-	-	-	1,500,000	\$1,500,000
	<b>Project total</b>	-	-	-	-	<b>\$1,500,000</b>	<b>\$1,500,000</b>
	Parks and Preserves	-	-	-	-	1,500,000	\$1,500,000
	<b>Funding total</b>	-	-	-	-	<b>\$1,500,000</b>	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75200639</b>	<b>GRANADA PARK RENOVATION</b>						
Complete irrigation and lake improvements and add new park amenities.							
		Function: General Park Development Strategic Plan: Neighborhoods and Livability District: 6					
Construction		-	-	-	-	1,350,000	\$1,350,000
<b>Project total</b>		-	-	-	-	<b>\$1,350,000</b>	<b>\$1,350,000</b>
Parks and Preserves		-	-	-	-	1,350,000	\$1,350,000
<b>Funding total</b>		-	-	-	-	<b>\$1,350,000</b>	<b>\$1,350,000</b>
<b>PA75200640</b>	<b>LONGVIEW PARK BUILDING IMPROVEMENTS</b>						
Complete facility improvements.							
		Function: General Park Development Strategic Plan: Neighborhoods and Livability District: 4					
Construction		-	-	500,000	-	-	\$500,000
<b>Project total</b>		-	-	<b>\$500,000</b>	-	-	<b>\$500,000</b>
Parks and Preserves		-	-	500,000	-	-	\$500,000
<b>Funding total</b>		-	-	<b>\$500,000</b>	-	-	<b>\$500,000</b>
<b>PA75200641</b>	<b>CIELITO PARK IMPROVEMENTS</b>						
Complete parking lot improvements.							
		Function: General Park Development Strategic Plan: Neighborhoods and Livability District: 4					
Construction		-	-	1,000,000	-	-	\$1,000,000
<b>Project total</b>		-	-	<b>\$1,000,000</b>	-	-	<b>\$1,000,000</b>
Parks and Preserves		-	-	1,000,000	-	-	\$1,000,000
<b>Funding total</b>		-	-	<b>\$1,000,000</b>	-	-	<b>\$1,000,000</b>
<b>PA75300121</b>	<b>IRRIGATION</b>						
Upgrade irrigation systems for water savings citywide.							
		Function: Specialty Areas Strategic Plan: Infrastructure District: Citywide					
Construction		150,000	300,000	300,000	300,000	300,000	\$1,350,000
<b>Project total</b>		<b>\$150,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,350,000</b>
Parks and Preserves		150,000	300,000	300,000	300,000	300,000	\$1,350,000
<b>Funding total</b>		<b>\$150,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,350,000</b>
<b>PA75300122</b>	<b>PARKS AND RECREATION DEPARTMENT PARKING LOTS</b>						
Renovate Parks and Recreation Department parking lots citywide.							
		Function: Specialty Areas Strategic Plan: Infrastructure District: Citywide					
Construction		300,000	300,000	300,000	300,000	300,000	\$1,500,000
<b>Project total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>
Parks and Preserves		300,000	300,000	300,000	300,000	300,000	\$1,500,000
<b>Funding total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>PA75300209</b>	<b>TREES – CITYWIDE PLANTING</b> Plant new trees in parks citywide.						
						<b>Function: Specialty Areas</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: Citywide</b>	
Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Parks and Preserves		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>PA75300225</b>	<b>AQUATIC INFRASTRUCTURE</b> Repair aquatic infrastructure citywide.						
						<b>Function: Specialty Areas</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		250,000	500,000	500,000	750,000	750,000	\$2,750,000
<b>Project total</b>		<b>\$250,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$2,750,000</b>
Parks and Preserves		250,000	500,000	500,000	750,000	750,000	\$2,750,000
<b>Funding total</b>		<b>\$250,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$2,750,000</b>
<b>PA75300226</b>	<b>GOLF COURSE INFRASTRUCTURE</b> Repair golf course infrastructure citywide.						
						<b>Function: Specialty Areas</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		125,000	250,000	250,000	250,000	250,000	\$1,125,000
<b>Project total</b>		<b>\$125,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,125,000</b>
Parks and Preserves		125,000	250,000	250,000	250,000	250,000	\$1,125,000
<b>Funding total</b>		<b>\$125,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,125,000</b>
<b>PA75300230</b>	<b>SPORTS FIELD INFRASTRUCTURE</b> Repair sports field infrastructure citywide.						
						<b>Function: Specialty Areas</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		125,000	250,000	250,000	250,000	250,000	\$1,125,000
<b>Project total</b>		<b>\$125,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,125,000</b>
Parks and Preserves		125,000	250,000	250,000	250,000	250,000	\$1,125,000
<b>Funding total</b>		<b>\$125,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,125,000</b>
<b>PA75300231</b>	<b>PHOENIX MOUNTAIN PRESERVE</b> Complete restroom, picnic area, parking lot and trailhead improvements.						
						<b>Function: Specialty Areas</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Estimated full-year ongoing operating costs:		\$300,000					
Construction		3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	\$17,500,000
<b>Project total</b>		<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$17,500,000</b>
Parks and Preserves		3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	\$17,500,000
<b>Funding total</b>		<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$17,500,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Parks, Recreation and Mountain Preserves**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PA75300234</b>	<b>PRESERVE INFRASTRUCTURE IMPROVEMENTS</b>						
	Complete water line, signage, electrical and parking improvements.						
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: 1, 2, 3, 6 & 8	
Construction		-	-	-	-	2,000,000	\$2,000,000
<b>Project total</b>		-	-	-	-	<b>\$2,000,000</b>	<b>\$2,000,000</b>
Parks and Preserves		-	-	-	-	2,000,000	\$2,000,000
<b>Funding total</b>		-	-	-	-	<b>\$2,000,000</b>	<b>\$2,000,000</b>
<b>PA75300235</b>	<b>CITYWIDE BUILDING REPAIRS</b>						
	Repair citywide park building infrastructure.						
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		2,132,000	2,500,000	2,500,000	2,500,000	3,000,000	\$12,632,000
<b>Project total</b>		<b>\$2,132,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$3,000,000</b>	<b>\$12,632,000</b>
Parks and Preserves		2,132,000	2,500,000	2,500,000	2,500,000	3,000,000	\$12,632,000
<b>Funding total</b>		<b>\$2,132,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$3,000,000</b>	<b>\$12,632,000</b>
<b>PA75300236</b>	<b>MARYVALE BASEBALL PARK RENOVATIONS</b>						
	Contribute funding towards Maryvale Stadium improvements conducted by the Milwaukee Brewers.						
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: 5	
Construction		2,000,000	2,000,000	2,000,000	2,000,000	-	\$8,000,000
<b>Project total</b>		<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$8,000,000</b>
Sports Facilities		2,000,000	2,000,000	2,000,000	2,000,000	-	\$8,000,000
<b>Funding total</b>		<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$8,000,000</b>
<b>PA75300242</b>	<b>PHOENIX ZOO PARKING LOT</b>						
	Repair and replace the existing parking lot, and build additional parking area.						
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: 6	
Construction		4,700,000	-	-	-	-	\$4,700,000
<b>Project total</b>		<b>\$4,700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,700,000</b>
Parks and Preserves		4,500,000	-	-	-	-	\$4,500,000
Transportation 2050		200,000	-	-	-	-	\$200,000
<b>Funding total</b>		<b>\$4,700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,700,000</b>
<b>PA75300243</b>	<b>PRESERVE EDGE PROTECTION</b>						
	Complete trailhead, ramada, playground and lighting improvements.						
						Function: Specialty Areas	
						Strategic Plan: Neighborhoods and Livability	
						District: 1 & 3	
Construction		-	-	-	-	1,200,000	\$1,200,000
<b>Project total</b>		-	-	-	-	<b>\$1,200,000</b>	<b>\$1,200,000</b>
Parks and Preserves		-	-	-	-	1,200,000	\$1,200,000
<b>Funding total</b>		-	-	-	-	<b>\$1,200,000</b>	<b>\$1,200,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Parks, Recreation and Mountain Preserves**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>PA77150023</b>	<b>SOUTH MOUNTAIN PARK IMPROVEMENTS</b>						
	Complete ranger station, picnic area, parking lot and trailhead improvements.						
							<b>District: 6 &amp; 8</b>
	Estimated full-year ongoing operating costs:	\$400,000					
	Construction	3,500,000	3,500,000	3,500,000	-	-	\$10,500,000
	<b>Project total</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>-</b>	<b>-</b>	<b>\$10,500,000</b>
	Parks and Preserves	3,500,000	3,500,000	3,500,000	-	-	\$10,500,000
	<b>Funding total</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>-</b>	<b>-</b>	<b>\$10,500,000</b>
	<b>Program total</b>	<b>\$34,727,000</b>	<b>\$23,575,000</b>	<b>\$25,750,000</b>	<b>\$29,350,000</b>	<b>\$30,170,000</b>	<b>\$143,572,000</b>



## Phoenix Convention Center

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Debt Service	24,449,950	23,997,900	24,498,450	24,999,400	25,498,550	\$123,444,250
Downtown Arena	90,000,000	-	-	-	-	\$90,000,000
Parking Facilities	1,646,500	6,306,000	2,308,500	10,500	2,571,500	\$12,843,000
Phoenix Convention Center	30,003,500	1,576,500	1,626,500	4,350,000	1,932,000	\$39,488,500
Theatres	-	676,500	2,029,500	2,519,500	2,134,000	\$7,359,500
<b>Total</b>	<b>\$146,099,950</b>	<b>\$32,556,900</b>	<b>\$30,462,950</b>	<b>\$31,879,400</b>	<b>\$32,136,050</b>	<b>\$273,135,250</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Convention Center	31,503,500	6,000,000	5,560,500	6,876,500	6,531,000	\$56,471,500
General Fund	146,500	2,559,000	404,000	3,500	106,500	\$3,219,500
<b>Total Operating Funds</b>	<b>\$31,650,000</b>	<b>\$8,559,000</b>	<b>\$5,964,500</b>	<b>\$6,880,000</b>	<b>\$6,637,500</b>	<b>\$59,691,000</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Conv. Center	150,000	-	-	-	-	\$150,000
Nonprofit Corporation Bonds - Other	90,800,000	-	-	-	-	\$90,800,000
<b>Total Bond Funds</b>	<b>\$90,950,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$90,950,000</b>
<u>Other Capital Funds</u>						
Federal, State and Other Participation	23,499,950	23,997,900	24,498,450	24,999,400	25,498,550	\$122,494,250
<b>Total Other Capital Funds</b>	<b>\$23,499,950</b>	<b>\$23,997,900</b>	<b>\$24,498,450</b>	<b>\$24,999,400</b>	<b>\$25,498,550</b>	<b>\$122,494,250</b>
<b>Program Total</b>	<b>\$146,099,950</b>	<b>\$32,556,900</b>	<b>\$30,462,950</b>	<b>\$31,879,400</b>	<b>\$32,136,050</b>	<b>\$273,135,250</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP10100071</b>	<b>TALKING STICK ARENA RENOVATIONS</b>						
	Fund the City's share of renovations to the City-owned downtown arena.						
							<b>Function: Downtown Arena</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		90,000,000	-	-	-	-	\$90,000,000
<b>Project total</b>		<b>\$90,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$90,000,000</b>
Nonprofit Corporation Bonds - Other		90,000,000	-	-	-	-	\$90,000,000
<b>Funding total</b>		<b>\$90,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$90,000,000</b>
<b>CP10200012</b>	<b>WEST GARAGE VARIABLE FREQUENCY DRIVE</b>						
	Construct a variable frequency drive in the West Garage.						
							<b>Function: Phoenix Convention Center</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	130,000	-	-	-	\$130,000
<b>Project total</b>		<b>-</b>	<b>\$130,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$130,000</b>
Convention Center		-	130,000	-	-	-	\$130,000
<b>Funding total</b>		<b>-</b>	<b>\$130,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$130,000</b>
<b>CP10200019</b>	<b>WEST BUILDING ROOF REPLACEMENT</b>						
	Replace the West Building roof.						
							<b>Function: Phoenix Convention Center</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	250,000	3,500	\$253,500
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$250,000</b>	<b>\$3,500</b>	<b>\$253,500</b>
Convention Center		-	-	-	250,000	3,500	\$253,500
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$250,000</b>	<b>\$3,500</b>	<b>\$253,500</b>
<b>CP10200022</b>	<b>WEST GARAGE EXHAUST FAN REPLACEMENT</b>						
	Repair and/or replace West Garage exhaust fans.						
							<b>Function: Phoenix Convention Center</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	150,000	-	-	-	\$150,000
<b>Project total</b>		<b>-</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
Convention Center		-	150,000	-	-	-	\$150,000
<b>Funding total</b>		<b>-</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
<b>CP10200025</b>	<b>WEST BUILDING FLOOR 2A CARPET REPLACEMENT</b>						
	Replace carpet installed in 2008.						
							<b>Function: Phoenix Convention Center</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	650,000	-	\$650,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$650,000</b>	<b>-</b>	<b>\$650,000</b>
Convention Center		-	-	-	650,000	-	\$650,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$650,000</b>	<b>-</b>	<b>\$650,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP10400030</b>	<b>NORTH BUILDING ACCESS DOOR INSTALL FOR AIR HANDLERS</b>						
	Install an entry door to access five air handling units in the North Building lower level.						
							<b>District: 8</b>
	Construction	-	146,500	3,500	-	-	\$150,000
	<b>Project total</b>	-	<b>\$146,500</b>	<b>\$3,500</b>	-	-	<b>\$150,000</b>
	Convention Center	-	146,500	3,500	-	-	\$150,000
	<b>Funding total</b>	-	<b>\$146,500</b>	<b>\$3,500</b>	-	-	<b>\$150,000</b>
<b>CP10400031</b>	<b>NORTH/SOUTH BUILDING EXTERIOR DISPLAY BOARD REPLACEMENT</b>						
	Replace four exterior marquee signs consisting of LED panels and controllers, one garage banner sign, and four small ticket window signs.						
							<b>District: 8</b>
	Construction	-	950,000	-	-	-	\$950,000
	<b>Project total</b>	-	<b>\$950,000</b>	-	-	-	<b>\$950,000</b>
	Convention Center	-	950,000	-	-	-	\$950,000
	<b>Funding total</b>	-	<b>\$950,000</b>	-	-	-	<b>\$950,000</b>
<b>CP10400032</b>	<b>NORTH/WEST BUILDING LIGHTING REPLACEMENT</b>						
	Replace the obsolete Lutron Graphics 7000 building lighting system in the North and West buildings.						
							<b>District: 7 &amp; 8</b>
	Construction	-	-	225,000	2,496,500	3,500	\$2,725,000
	<b>Project total</b>	-	-	<b>\$225,000</b>	<b>\$2,496,500</b>	<b>\$3,500</b>	<b>\$2,725,000</b>
	Convention Center	-	-	225,000	2,496,500	3,500	\$2,725,000
	<b>Funding total</b>	-	-	<b>\$225,000</b>	<b>\$2,496,500</b>	<b>\$3,500</b>	<b>\$2,725,000</b>
<b>CP10400034</b>	<b>NORTH BUILDING MEZZANINE 2 FAN COIL</b>						
	Install a new fan coil unit required for system cooling and redundancy.						
							<b>District: 8</b>
	Construction	-	-	51,500	-	-	\$51,500
	<b>Project total</b>	-	-	<b>\$51,500</b>	-	-	<b>\$51,500</b>
	Convention Center	-	-	51,500	-	-	\$51,500
	<b>Funding total</b>	-	-	<b>\$51,500</b>	-	-	<b>\$51,500</b>
<b>CP10400036</b>	<b>LOWER LEVEL WEST/NORTH BUILDING CARPET</b>						
	Replace worn carpet installed in 2008 in heavy traffic areas.						
							<b>District: 7 &amp; 8</b>
	Construction	-	-	950,000	-	-	\$950,000
	<b>Project total</b>	-	-	<b>\$950,000</b>	-	-	<b>\$950,000</b>
	Convention Center	-	-	950,000	-	-	\$950,000
	<b>Funding total</b>	-	-	<b>\$950,000</b>	-	-	<b>\$950,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP20100011</b>	<b>HERBERGER FALL PROTECTION SYSTEM REPLACEMENT</b>						
	Replace the existing fall protection system at the Herberger Theater.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	56,500	3,500	-	\$60,000
<b>Project total</b>		-	-	<b>\$56,500</b>	<b>\$3,500</b>	-	<b>\$60,000</b>
Convention Center		-	-	56,500	3,500	-	\$60,000
<b>Funding total</b>		-	-	<b>\$56,500</b>	<b>\$3,500</b>	-	<b>\$60,000</b>
<b>CP20100014</b>	<b>HERBERGER DIMMER RACKS CENTER STAGE</b>						
	Design and replace center stage dimmer racks at Herberger Theater.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	-	666,500	\$666,500
<b>Project total</b>		-	-	-	-	<b>\$666,500</b>	<b>\$666,500</b>
Convention Center		-	-	-	-	666,500	\$666,500
<b>Funding total</b>		-	-	-	-	<b>\$666,500</b>	<b>\$666,500</b>
<b>CP20100022</b>	<b>HERBERGER SEWER EJECTOR PUMP REPLACEMENT</b>						
	Design and replace the existing sewer ejector system and associated equipment.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	225,000	3,500	\$228,500
<b>Project total</b>		-	-	-	<b>\$225,000</b>	<b>\$3,500</b>	<b>\$228,500</b>
Convention Center		-	-	-	225,000	3,500	\$228,500
<b>Funding total</b>		-	-	-	<b>\$225,000</b>	<b>\$3,500</b>	<b>\$228,500</b>
<b>CP20100023</b>	<b>HERBERGER STAGE WEST DIMMER RACK REPLACEMENT</b>						
	Design and replace eight theatrical dimmer racks in Stage West which provide production lighting for staged events.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	-	666,500	\$666,500
<b>Project total</b>		-	-	-	-	<b>\$666,500</b>	<b>\$666,500</b>
Convention Center		-	-	-	-	666,500	\$666,500
<b>Funding total</b>		-	-	-	-	<b>\$666,500</b>	<b>\$666,500</b>
<b>CP20100024</b>	<b>HERBERGER ELECTRICAL PIPE WIRING/ RIGGING REPLACEMENT</b>						
	Replace all components of the existing power distribution cable pick system for pipe battens.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	10,000	196,500	3,500	-	\$210,000
<b>Project total</b>		-	<b>\$10,000</b>	<b>\$196,500</b>	<b>\$3,500</b>	-	<b>\$210,000</b>
Convention Center		-	10,000	196,500	3,500	-	\$210,000
<b>Funding total</b>		-	<b>\$10,000</b>	<b>\$196,500</b>	<b>\$3,500</b>	-	<b>\$210,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP20100025</b>	<b>HERBERGER FACILITY ASSESSMENT</b>						
Conduct a facility assessment for the Herberger Theater.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	-	-	-	50,000	\$50,000
<b>Project total</b>		-	-	-	-	<b>\$50,000</b>	<b>\$50,000</b>
Convention Center		-	-	-	-	50,000	\$50,000
<b>Funding total</b>		-	-	-	-	<b>\$50,000</b>	<b>\$50,000</b>
<b>CP20100026</b>	<b>HERBERGER CENTER STAGE &amp; STAGE WEST MANUAL RIGGING SYSTEM REPLACEMENT</b>						
Replace the manual rigging system that is past life expectancy.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	65,000	681,500	-	-	\$746,500
<b>Project total</b>		-	<b>\$65,000</b>	<b>\$681,500</b>	-	-	<b>\$746,500</b>
Convention Center		-	65,000	681,500	-	-	\$746,500
<b>Funding total</b>		-	<b>\$65,000</b>	<b>\$681,500</b>	-	-	<b>\$746,500</b>
<b>CP20200016</b>	<b>ORPHEUM THEATRE SEATS</b>						
Refurbish Orpheum Theatre seating.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	-	-	386,500	3,500	\$390,000
<b>Project total</b>		-	-	-	<b>\$386,500</b>	<b>\$3,500</b>	<b>\$390,000</b>
Convention Center		-	-	-	386,500	3,500	\$390,000
<b>Funding total</b>		-	-	-	<b>\$386,500</b>	<b>\$3,500</b>	<b>\$390,000</b>
<b>CP20200017</b>	<b>ORPHEUM THEATRE STAGE FLOOR</b>						
Replace Orpheum Theatre stage floor.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	30,000	276,500	3,500	-	\$310,000
<b>Project total</b>		-	<b>\$30,000</b>	<b>\$276,500</b>	<b>\$3,500</b>	-	<b>\$310,000</b>
Convention Center		-	30,000	276,500	3,500	-	\$310,000
<b>Funding total</b>		-	<b>\$30,000</b>	<b>\$276,500</b>	<b>\$3,500</b>	-	<b>\$310,000</b>
<b>CP20200018</b>	<b>ORPHEUM THEATRE AUDIENCE ELEVATOR REFURBISHMENT</b>						
Design and replace finishes in the cab and exterior fascia of the lobby/audience elevator.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	50,000	296,500	3,500	-	\$350,000
<b>Project total</b>		-	<b>\$50,000</b>	<b>\$296,500</b>	<b>\$3,500</b>	-	<b>\$350,000</b>
Convention Center		-	50,000	296,500	3,500	-	\$350,000
<b>Funding total</b>		-	<b>\$50,000</b>	<b>\$296,500</b>	<b>\$3,500</b>	-	<b>\$350,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP20200020</b>	<b>ORPHEUM THEATRE DIMMER RACKS</b>						
	Replace dimmer racks that are at end of life and are required to provide theatrical lighting at the Orpheum Theatre.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	100,000	746,500	3,500	\$850,000
<b>Project total</b>		-	-	<b>\$100,000</b>	<b>\$746,500</b>	<b>\$3,500</b>	<b>\$850,000</b>
Convention Center		-	-	100,000	746,500	3,500	\$850,000
<b>Funding total</b>		-	-	<b>\$100,000</b>	<b>\$746,500</b>	<b>\$3,500</b>	<b>\$850,000</b>
<b>CP20200021</b>	<b>ORPHEUM THEATER FACILITY ASSESSMENT</b>						
	Conduct a facility assessment for the Orpheum Theatre.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	50,000	-	\$50,000
<b>Project total</b>		-	-	-	<b>\$50,000</b>	-	<b>\$50,000</b>
Convention Center		-	-	-	50,000	-	\$50,000
<b>Funding total</b>		-	-	-	<b>\$50,000</b>	-	<b>\$50,000</b>
<b>CP20200022</b>	<b>ORPHEUM THEATRE SEWAGE EJECTOR SYSTEM REPLACEMENT</b>						
	Replace the existing failing sewage ejector system.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	225,000	3,500	-	-	\$228,500
<b>Project total</b>		-	<b>\$225,000</b>	<b>\$3,500</b>	-	-	<b>\$228,500</b>
Convention Center		-	225,000	3,500	-	-	\$228,500
<b>Funding total</b>		-	<b>\$225,000</b>	<b>\$3,500</b>	-	-	<b>\$228,500</b>
<b>CP20300020</b>	<b>SYMPHONY HALL AUDIO SYSTEM</b>						
	Replace the audio console at Symphony Hall.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	100,000	396,500	3,500	\$500,000
<b>Project total</b>		-	-	<b>\$100,000</b>	<b>\$396,500</b>	<b>\$3,500</b>	<b>\$500,000</b>
Convention Center		-	-	100,000	396,500	3,500	\$500,000
<b>Funding total</b>		-	-	<b>\$100,000</b>	<b>\$396,500</b>	<b>\$3,500</b>	<b>\$500,000</b>
<b>CP20300025</b>	<b>SYMPHONY HALL STAGE FLOOR REPLACEMENT</b>						
	Replace stage flooring with maple in Symphony Hall.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	15,000	276,500	3,500	\$295,000
<b>Project total</b>		-	-	<b>\$15,000</b>	<b>\$276,500</b>	<b>\$3,500</b>	<b>\$295,000</b>
Convention Center		-	-	15,000	276,500	3,500	\$295,000
<b>Funding total</b>		-	-	<b>\$15,000</b>	<b>\$276,500</b>	<b>\$3,500</b>	<b>\$295,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP20300026</b>	<b>SYMPHONY HALL REPLACEMENT AUDIO/PHONE ROOM AIR CONDITIONING</b>						
	Replace Symphony Hall air conditioning with a chilled-water fan coil unit.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	250,000	-	-	\$250,000
<b>Project total</b>		-	-	<b>\$250,000</b>	-	-	<b>\$250,000</b>
Convention Center		-	-	250,000	-	-	\$250,000
<b>Funding total</b>		-	-	<b>\$250,000</b>	-	-	<b>\$250,000</b>
<b>CP20300027</b>	<b>SYMPHONY HALL GRAND DRAPE MOTOR CONTROL SYSTEM</b>						
	Replace the motor control system installed in 2007.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	10,000	36,500	\$46,500
<b>Project total</b>		-	-	-	<b>\$10,000</b>	<b>\$36,500</b>	<b>\$46,500</b>
Convention Center		-	-	-	10,000	36,500	\$46,500
<b>Funding total</b>		-	-	-	<b>\$10,000</b>	<b>\$36,500</b>	<b>\$46,500</b>
<b>CP20300028</b>	<b>SYMPHONY HALL SEWAGE SYSTEM REPLACEMENT</b>						
	Replace the sewage system pumps and controls.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	96,500	3,500	\$100,000
<b>Project total</b>		-	-	-	<b>\$96,500</b>	<b>\$3,500</b>	<b>\$100,000</b>
Convention Center		-	-	-	96,500	3,500	\$100,000
<b>Funding total</b>		-	-	-	<b>\$96,500</b>	<b>\$3,500</b>	<b>\$100,000</b>
<b>CP20300029</b>	<b>WEST BUILDING ROOF EXHAUST FAN REPLACEMENTS</b>						
	Replace roof exhaust fans, fire dampers and hood systems at end of expected life.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	246,500	3,500	\$250,000
<b>Project total</b>		-	-	-	<b>\$246,500</b>	<b>\$3,500</b>	<b>\$250,000</b>
Convention Center		-	-	-	246,500	3,500	\$250,000
<b>Funding total</b>		-	-	-	<b>\$246,500</b>	<b>\$3,500</b>	<b>\$250,000</b>
<b>CP20300030</b>	<b>SYMPHONY HALL FALL PROTECTION SYSTEM REPLACEMENT</b>						
	Replace the fall protection system installed in 2000.						
							<b>Function: Theatres</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
Construction		-	-	-	71,500	3,500	\$75,000
<b>Project total</b>		-	-	-	<b>\$71,500</b>	<b>\$3,500</b>	<b>\$75,000</b>
Convention Center		-	-	-	71,500	3,500	\$75,000
<b>Funding total</b>		-	-	-	<b>\$71,500</b>	<b>\$3,500</b>	<b>\$75,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP20300031</b>	<b>SYMPHONY HALL FACILITY ASSESSMENT</b>						
Conduct a facility assessment for Symphony Hall.							
						<b>Function: Theatres</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 7</b>	
Construction		-	-	50,000	-	-	\$50,000
<b>Project total</b>		-	-	<b>\$50,000</b>	-	-	<b>\$50,000</b>
Convention Center		-	-	50,000	-	-	\$50,000
<b>Funding total</b>		-	-	<b>\$50,000</b>	-	-	<b>\$50,000</b>
<b>CP30200008</b>	<b>EAST GARAGE EXPANSION JOINT REPLACEMENT</b>						
Design and install new expansion joints in the East Garage.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	-	-	1,162,500	\$1,162,500
<b>Project total</b>		-	-	-	-	<b>\$1,162,500</b>	<b>\$1,162,500</b>
Convention Center		-	-	-	-	1,162,500	\$1,162,500
<b>Funding total</b>		-	-	-	-	<b>\$1,162,500</b>	<b>\$1,162,500</b>
<b>CP30200018</b>	<b>EAST GARAGE PAINT EXTERIOR INSULATION AND FINISHING SYSTEM</b>						
Paint the East Garage exterior insulation and finishing system.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	-	-	509,500	\$509,500
<b>Project total</b>		-	-	-	-	<b>\$509,500</b>	<b>\$509,500</b>
Convention Center		-	-	-	-	509,500	\$509,500
<b>Funding total</b>		-	-	-	-	<b>\$509,500</b>	<b>\$509,500</b>
<b>CP30200024</b>	<b>EAST GARAGE ELEVATOR REFURBISHMENT</b>						
Refurbish elevators to include critical mechanical parts and cab interiors.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		1,500,000	3,397,000	1,408,000	3,500	-	\$6,308,500
<b>Project total</b>		<b>\$1,500,000</b>	<b>\$3,397,000</b>	<b>\$1,408,000</b>	<b>\$3,500</b>	-	<b>\$6,308,500</b>
Convention Center		1,500,000	3,397,000	1,408,000	3,500	-	\$6,308,500
<b>Funding total</b>		<b>\$1,500,000</b>	<b>\$3,397,000</b>	<b>\$1,408,000</b>	<b>\$3,500</b>	-	<b>\$6,308,500</b>
<b>CP30200029</b>	<b>EAST GARAGE CAULKING REPLACEMENT</b>						
Replace deteriorated caulking in the East Garage.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	-	-	396,500	\$396,500
<b>Project total</b>		-	-	-	-	<b>\$396,500</b>	<b>\$396,500</b>
Convention Center		-	-	-	-	396,500	\$396,500
<b>Funding total</b>		-	-	-	-	<b>\$396,500</b>	<b>\$396,500</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP30200031</b>	<b>EAST GARAGE OFFICE AIR CONDITIONING</b>						
Replace air conditioning equipment installed at original construction.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	-	-	396,500	\$396,500
<b>Project total</b>		-	-	-	-	<b>\$396,500</b>	<b>\$396,500</b>
Convention Center		-	-	-	-	396,500	\$396,500
<b>Funding total</b>		-	-	-	-	<b>\$396,500</b>	<b>\$396,500</b>
<b>CP30200032</b>	<b>EAST GARAGE FIRE SPRINKLER SYSTEM</b>						
Replace the garage's original fire sprinkler system, which is beginning to show corrosion.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	496,500	3,500	-	\$500,000
<b>Project total</b>		-	-	<b>\$496,500</b>	<b>\$3,500</b>	-	<b>\$500,000</b>
Convention Center		-	-	496,500	3,500	-	\$500,000
<b>Funding total</b>		-	-	<b>\$496,500</b>	<b>\$3,500</b>	-	<b>\$500,000</b>
<b>CP30300019</b>	<b>HERITAGE GARAGE XERISCAPE</b>						
Replace landscaping at Heritage Garage.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	226,500	3,500	-	\$230,000
<b>Project total</b>		-	-	<b>\$226,500</b>	<b>\$3,500</b>	-	<b>\$230,000</b>
General Fund		-	-	226,500	3,500	-	\$230,000
<b>Funding total</b>		-	-	<b>\$226,500</b>	<b>\$3,500</b>	-	<b>\$230,000</b>
<b>CP30300026</b>	<b>HERITAGE GARAGE OFFICE REMODEL</b>						
Replace original bathroom fixtures and furniture.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		-	-	-	-	106,500	\$106,500
<b>Project total</b>		-	-	-	-	<b>\$106,500</b>	<b>\$106,500</b>
General Fund		-	-	-	-	106,500	\$106,500
<b>Funding total</b>		-	-	-	-	<b>\$106,500</b>	<b>\$106,500</b>
<b>CP30300029</b>	<b>HERITAGE GARAGE DRAINAGE PIPE REPLACEMENT</b>						
Replace corroded garage drainage pipes.							
						<b>Function: Parking Facilities</b>	
						<b>Strategic Plan: Economic Development and Education</b>	
						<b>District: 8</b>	
Construction		146,500	246,500	-	-	-	\$393,000
<b>Project total</b>		<b>\$146,500</b>	<b>\$246,500</b>	-	-	-	<b>\$393,000</b>
General Fund		146,500	246,500	-	-	-	\$393,000
<b>Funding total</b>		<b>\$146,500</b>	<b>\$246,500</b>	-	-	-	<b>\$393,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP30700021</b>	<b>REGENCY GARAGE FIRE PUMP REPLACEMENT</b>						<b>Function: Parking Facilities</b>
	Replace the fire sprinkler system at Regency Garage.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
	Construction	-	1,396,500	3,500	-	-	\$1,400,000
	<b>Project total</b>	<b>-</b>	<b>\$1,396,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$1,400,000</b>
	General Fund	-	1,396,500	3,500	-	-	\$1,400,000
	<b>Funding total</b>	<b>-</b>	<b>\$1,396,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$1,400,000</b>
<b>CP30700023</b>	<b>REGENCY GARAGE EXTERIOR SIGNAGE</b>						<b>Function: Parking Facilities</b>
	Replace Regency Garage exterior signage.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
	Construction	-	196,500	3,500	-	-	\$200,000
	<b>Project total</b>	<b>-</b>	<b>\$196,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$200,000</b>
	General Fund	-	196,500	3,500	-	-	\$200,000
	<b>Funding total</b>	<b>-</b>	<b>\$196,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$200,000</b>
<b>CP30700029</b>	<b>REGENCY GARAGE EXTERIOR PAINTING</b>						<b>Function: Parking Facilities</b>
	Paint and repair the exterior walls of the Regency Garage.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
	Construction	-	146,500	3,500	-	-	\$150,000
	<b>Project total</b>	<b>-</b>	<b>\$146,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
	General Fund	-	146,500	3,500	-	-	\$150,000
	<b>Funding total</b>	<b>-</b>	<b>\$146,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
<b>CP30700030</b>	<b>REGENCY GARAGE OFFICE AND BATHROOM REMODEL</b>						<b>Function: Parking Facilities</b>
	Remodel the Regency Garage office and bathroom space.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
	Construction	-	176,500	3,500	-	-	\$180,000
	<b>Project total</b>	<b>-</b>	<b>\$176,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>
	General Fund	-	176,500	3,500	-	-	\$180,000
	<b>Funding total</b>	<b>-</b>	<b>\$176,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>
<b>CP30700033</b>	<b>REGENCY GARAGE DRAINAGE PIPE REPLACEMENT</b>						<b>Function: Parking Facilities</b>
	Replace corroded and leaking pipes.						<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 7</b>
	Construction	-	396,500	3,500	-	-	\$400,000
	<b>Project total</b>	<b>-</b>	<b>\$396,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$400,000</b>
	General Fund	-	396,500	3,500	-	-	\$400,000
	<b>Funding total</b>	<b>-</b>	<b>\$396,500</b>	<b>\$3,500</b>	<b>-</b>	<b>-</b>	<b>\$400,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>CP30700035</b>	<b>REGENCY GARAGE DIRECTIONAL SIGNAGE</b>						
	Replace original directional signage that is missing or in general disrepair.						
							Function: Parking Facilities Strategic Plan: Economic Development and Education District: 7
	Construction	-	-	160,000	-	-	\$160,000
	<b>Project total</b>	-	-	<b>\$160,000</b>	-	-	<b>\$160,000</b>
	General Fund	-	-	160,000	-	-	\$160,000
	<b>Funding total</b>	-	-	<b>\$160,000</b>	-	-	<b>\$160,000</b>
<b>CP31200003</b>	<b>NORTH GARAGE VARIABLE FREQUENCY DRIVES</b>						
	Replace variable frequency drives associated with motors controlling garage airflow.						
							Function: Parking Facilities Strategic Plan: Economic Development and Education District: 8
	Construction	-	200,000	-	-	-	\$200,000
	<b>Project total</b>	-	<b>\$200,000</b>	-	-	-	<b>\$200,000</b>
	Convention Center	-	200,000	-	-	-	\$200,000
	<b>Funding total</b>	-	<b>\$200,000</b>	-	-	-	<b>\$200,000</b>
<b>CP31200004</b>	<b>NORTH GARAGE EXHAUST FAN</b>						
	Replace exhaust fans that are at end of life and are required to maintain carbon monoxide within safe levels.						
							Function: Parking Facilities Strategic Plan: Economic Development and Education District: 8
	Construction	-	150,000	-	-	-	\$150,000
	<b>Project total</b>	-	<b>\$150,000</b>	-	-	-	<b>\$150,000</b>
	Convention Center	-	150,000	-	-	-	\$150,000
	<b>Funding total</b>	-	<b>\$150,000</b>	-	-	-	<b>\$150,000</b>
<b>BCCPZ2005F</b>	<b>DEBT SERVICE – PHOENIX CONVENTION CENTER</b>						
	Principal and interest for State of Arizona portion of Phoenix Convention Center expansion bonds series 2005B.						
							Function: Debt Service Strategic Plan: Financial Excellence District: 7 & 8
	Debt Service Interest	21,125,455	21,146,407	21,145,118	21,116,739	21,054,750	\$105,588,469
	Debt Service Principal	2,374,495	2,851,493	3,353,332	3,882,661	4,443,800	\$16,905,781
	<b>Project total</b>	<b>\$23,499,950</b>	<b>\$23,997,900</b>	<b>\$24,498,450</b>	<b>\$24,999,400</b>	<b>\$25,498,550</b>	<b>\$122,494,250</b>
	Federal, State and Other Participation	23,499,950	23,997,900	24,498,450	24,999,400	25,498,550	\$122,494,250
	<b>Funding total</b>	<b>\$23,499,950</b>	<b>\$23,997,900</b>	<b>\$24,498,450</b>	<b>\$24,999,400</b>	<b>\$25,498,550</b>	<b>\$122,494,250</b>
<b>BICPZ2017C</b>	<b>BOND ISSUANCE – CONVENTION CENTER</b>						
	Bond issuance costs for the Convention Center.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	150,000	-	-	-	-	\$150,000
	<b>Project total</b>	<b>\$150,000</b>	-	-	-	-	<b>\$150,000</b>
	Nonprofit Corporation Bonds - Conv. Center	150,000	-	-	-	-	\$150,000
	<b>Funding total</b>	<b>\$150,000</b>	-	-	-	-	<b>\$150,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Phoenix Convention Center**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>BISFF20060</b>	<b>BOND ISSUANCE – SPORTS FACILITY FUND</b>						
	Bond issuance costs for Sports Facility Fund.						
Other		800,000	-	-	-	-	\$800,000
	<b>Project total</b>	<b>\$800,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$800,000</b>
Nonprofit Corporation Bonds - Other		800,000	-	-	-	-	\$800,000
	<b>Funding total</b>	<b>\$800,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$800,000</b>
<b>Program total</b>		<b>\$146,099,950</b>	<b>\$32,556,900</b>	<b>\$30,462,950</b>	<b>\$31,879,400</b>	<b>\$32,136,050</b>	<b>\$273,135,250</b>

## Planning and Historic Preservation

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Planning Projects	7,000,000	6,000,000	-	-	-	\$13,000,000
<b>Total</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Development Services	7,000,000	6,000,000	-	-	-	\$13,000,000
<b>Total Operating Funds</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>
<b>Program Total</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Planning and Historic Preservation**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>PN00000001</b>	<b>KIVA REPLACEMENT PROJECT</b>						
	Replace the KIVA permitting system.						
	Technology	7,000,000	6,000,000	-	-	-	\$13,000,000
	<b>Project total</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>
	Development Services	7,000,000	6,000,000	-	-	-	\$13,000,000
	<b>Funding total</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>
	<b>Program total</b>	<b>\$7,000,000</b>	<b>\$6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$13,000,000</b>

Function: Planning Projects  
Strategic Plan: Technology  
District: Citywide



## Public Transit

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Bus and Vehicle Acquisition	43,807,436	34,277,750	26,164,411	28,035,344	26,277,869	\$158,562,810
Capitol and I-10 Light Rail Extension	100,000	11,210,450	49,522,230	51,554,400	52,130,290	\$164,517,370
Contingencies	8,000,000	-	-	-	-	\$8,000,000
Facilities	1,856,098	1,660,000	1,315,000	1,650,000	1,300,000	\$7,781,098
Land Acquisition for Initial Light Rail	41,000	14,000	21,000	14,000	-	\$90,000
Northwest Light Rail Extension Phase II	52,384,994	72,433,016	112,232,936	41,035,730	2,750,000	\$280,836,676
Other Transit Projects	1,004,810	1,033,455	1,062,958	1,065,000	1,065,000	\$5,231,223
Passenger Facilities	9,592,536	5,438,000	3,567,400	3,627,400	3,627,400	\$25,852,736
Planning Projects	150,000	150,000	150,000	150,000	150,000	\$750,000
South Central Light Rail Extension	115,775,000	145,792,660	165,158,217	68,375,000	54,450,000	\$549,550,877
T2050 Bus Rapid Transit	10,112,900	31,632,300	15,322,800	19,350,000	80,400,000	\$156,818,000
Technology/Communications	1,360,000	340,000	1,090,000	1,040,000	340,000	\$4,170,000
West Phoenix Light Rail Extension	25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Total</b>	<b>\$244,209,774</b>	<b>\$304,006,631</b>	<b>\$375,631,952</b>	<b>\$215,921,874</b>	<b>\$222,515,559</b>	<b>\$1,362,285,790</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Operating Grants	46,776,520	29,825,886	23,129,749	30,670,042	60,951,176	\$191,353,373
Other Restricted	617,098	374,000	36,000	364,000	100,000	\$1,491,098
Regional Transit	8,332,622	5,066,664	3,849,662	4,130,302	3,866,693	\$25,245,943
Transportation 2050	74,591,816	44,580,155	26,929,358	24,743,600	52,798,600	\$223,643,529
<b>Total Operating Funds</b>	<b>\$130,318,056</b>	<b>\$79,846,705</b>	<b>\$53,944,769</b>	<b>\$59,907,944</b>	<b>\$117,716,469</b>	<b>\$441,733,943</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - T2050	-	128,944,926	293,217,183	156,013,930	104,799,090	\$682,975,129
<b>Total Bond Funds</b>	<b>-</b>	<b>\$128,944,926</b>	<b>\$293,217,183</b>	<b>\$156,013,930</b>	<b>\$104,799,090</b>	<b>\$682,975,129</b>
<u>Other Capital Funds</u>						
Capital Grants	113,891,718	95,215,000	28,470,000	-	-	\$237,576,718
<b>Total Other Capital Funds</b>	<b>\$113,891,718</b>	<b>\$95,215,000</b>	<b>\$28,470,000</b>	<b>-</b>	<b>-</b>	<b>\$237,576,718</b>
<b>Program Total</b>	<b>\$244,209,774</b>	<b>\$304,006,631</b>	<b>\$375,631,952</b>	<b>\$215,921,874</b>	<b>\$222,515,559</b>	<b>\$1,362,285,790</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00110001</b>	<b>STANDARD BUSES</b>						
Purchase standard buses.		<b>Function: Bus and Vehicle Acquisition</b> <b>Strategic Plan: Infrastructure</b> <b>District: Citywide</b>					
Equipment		40,575,924	31,967,642	23,800,000	25,615,000	23,800,000	\$145,758,566
<b>Project total</b>		<b>\$40,575,924</b>	<b>\$31,967,642</b>	<b>\$23,800,000</b>	<b>\$25,615,000</b>	<b>\$23,800,000</b>	<b>\$145,758,566</b>
Operating Grants		34,489,535	27,172,495	20,230,000	21,772,750	20,230,000	\$123,894,780
Regional Transit		6,086,389	4,795,147	3,570,000	3,842,250	3,570,000	\$21,863,786
<b>Funding total</b>		<b>\$40,575,924</b>	<b>\$31,967,642</b>	<b>\$23,800,000</b>	<b>\$25,615,000</b>	<b>\$23,800,000</b>	<b>\$145,758,566</b>
<b>PT00110003</b>	<b>DIAL-A-RIDE VEHICLE REPLACEMENT</b>						
Purchase Dial-A-Ride replacement vehicles.		<b>Function: Bus and Vehicle Acquisition</b> <b>Strategic Plan: Infrastructure</b> <b>District: Citywide</b>					
Equipment		1,757,388	1,810,108	1,864,411	1,920,344	1,977,869	\$9,330,120
<b>Project total</b>		<b>\$1,757,388</b>	<b>\$1,810,108</b>	<b>\$1,864,411</b>	<b>\$1,920,344</b>	<b>\$1,977,869</b>	<b>\$9,330,120</b>
Operating Grants		1,493,780	1,538,591	1,584,749	1,632,292	1,681,176	\$7,930,588
Regional Transit		263,608	271,517	279,662	288,052	296,693	\$1,399,532
<b>Funding total</b>		<b>\$1,757,388</b>	<b>\$1,810,108</b>	<b>\$1,864,411</b>	<b>\$1,920,344</b>	<b>\$1,977,869</b>	<b>\$9,330,120</b>
<b>PT00110019</b>	<b>BUS MAKE-READY</b>						
Install Vehicle Management System equipment, fareboxes and graphics in newly acquired buses.		<b>Function: Bus and Vehicle Acquisition</b> <b>Strategic Plan: Technology</b> <b>District: Citywide</b>					
Equipment		500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>Project total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
Transportation 2050		500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>Funding total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>
<b>PT00120030</b>	<b>TRANSIT CENTER ANNUAL MAINTENANCE</b>						
Refurbish Transit Center facilities.		<b>Function: Passenger Facilities</b> <b>Strategic Plan: Infrastructure</b> <b>District: Citywide</b>					
Construction		600,000	600,000	600,000	600,000	600,000	\$3,000,000
<b>Project total</b>		<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,000,000</b>
Transportation 2050		600,000	600,000	600,000	600,000	600,000	\$3,000,000
<b>Funding total</b>		<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,000,000</b>
<b>PT00120055</b>	<b>VACANT PROPERTY MAINTENANCE</b>						
Maintain vacant property for future construction.		<b>Function: Passenger Facilities</b> <b>Strategic Plan: Sustainability</b> <b>District: Citywide</b>					
Land Acquisition		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Transportation 2050		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00120065</b>	<b>TRANSIT FURNITURE IMPROVEMENTS</b>						
Improve bus stops with new or replacement transit pads and shade structures.							
						<b>Function: Passenger Facilities</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		3,560,000	3,588,000	2,617,400	2,677,400	2,677,400	\$15,120,200
<b>Project total</b>		<b>\$3,560,000</b>	<b>\$3,588,000</b>	<b>\$2,617,400</b>	<b>\$2,677,400</b>	<b>\$2,677,400</b>	<b>\$15,120,200</b>
Transportation 2050		3,560,000	3,588,000	2,617,400	2,677,400	2,677,400	\$15,120,200
<b>Funding total</b>		<b>\$3,560,000</b>	<b>\$3,588,000</b>	<b>\$2,617,400</b>	<b>\$2,677,400</b>	<b>\$2,677,400</b>	<b>\$15,120,200</b>
<b>PT00120067</b>	<b>TRANSIT SECURITY UPGRADE</b>						
Upgrade security for all facilities including new surveillance systems, access control systems and intrusion detection systems along with related hardware requirements.							
						<b>Function: Passenger Facilities</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		325,000	325,000	325,000	325,000	325,000	\$1,625,000
<b>Project total</b>		<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$1,625,000</b>
Transportation 2050		325,000	325,000	325,000	325,000	325,000	\$1,625,000
<b>Funding total</b>		<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$1,625,000</b>
<b>PT00120068</b>	<b>ASU BUS SHELTER PROJECT</b>						
Construct improved bus stop shade structures.							
						<b>Function: Passenger Facilities</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		900,000	900,000	-	-	-	\$1,800,000
<b>Project total</b>		<b>\$900,000</b>	<b>\$900,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,800,000</b>
Transportation 2050		900,000	900,000	-	-	-	\$1,800,000
<b>Funding total</b>		<b>\$900,000</b>	<b>\$900,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,800,000</b>
<b>PT00130038</b>	<b>302 BUILDING – REPLACE HVAC DIFFUSER</b>						
Replace aging HVAC ventilation diffusers on each floor at the Public Transit headquarters building located at 302 North First Avenue.							
						<b>Function: Facilities</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 7</b>	
Construction		-	-	-	350,000	-	\$350,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$350,000</b>	<b>-</b>	<b>\$350,000</b>
Other Restricted		-	-	-	350,000	-	\$350,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$350,000</b>	<b>-</b>	<b>\$350,000</b>
<b>PT00130043</b>	<b>302 BUILDING – LOBBY RENOVATION</b>						
Renovate lobby including lighting, flooring, security desk, space configuration and design at the Public Transit headquarters building located at 302 North First Avenue.							
						<b>Function: Facilities</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 7</b>	
Construction		526,098	-	-	-	-	\$526,098
<b>Project total</b>		<b>\$526,098</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$526,098</b>
Other Restricted		526,098	-	-	-	-	\$526,098
<b>Funding total</b>		<b>\$526,098</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$526,098</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00130046</b>	<b>302 BUILDING – COOLING TOWER</b>						
	Replace cooling tower bearings at the Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities Strategic Plan: Infrastructure District: 7
	Construction	-	-	15,000	-	-	\$15,000
	<b>Project total</b>	-	-	<b>\$15,000</b>	-	-	<b>\$15,000</b>
	Other Restricted	-	-	15,000	-	-	\$15,000
	<b>Funding total</b>	-	-	<b>\$15,000</b>	-	-	<b>\$15,000</b>
<b>PT00130047</b>	<b>302 BUILDING – LIGHTING</b>						
	Replace LED lighting at the Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities Strategic Plan: Infrastructure District: 7
	Construction	-	360,000	-	-	-	\$360,000
	<b>Project total</b>	-	<b>\$360,000</b>	-	-	-	<b>\$360,000</b>
	Other Restricted	-	360,000	-	-	-	\$360,000
	<b>Funding total</b>	-	<b>\$360,000</b>	-	-	-	<b>\$360,000</b>
<b>PT00130048</b>	<b>302 BUILDING – EXTERIOR IMPROVEMENTS</b>						
	Caulk cracked concrete on the plaza and replace drains at the Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities Strategic Plan: Infrastructure District: 7
	Construction	30,000	-	-	-	-	\$30,000
	<b>Project total</b>	<b>\$30,000</b>	-	-	-	-	<b>\$30,000</b>
	Other Restricted	30,000	-	-	-	-	\$30,000
	<b>Funding total</b>	<b>\$30,000</b>	-	-	-	-	<b>\$30,000</b>
<b>PT00130050</b>	<b>FACILITIES OPERATIONS AND MAINTENANCE</b>						
	Replace operations and maintenance equipment at North, South and West Transit facilities.						
							Function: Facilities Strategic Plan: Infrastructure District: Citywide
	Construction	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
	<b>Project total</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
	Transportation 2050	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
	<b>Funding total</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
<b>PT00130052</b>	<b>FACILITY CONDITION ASSESSMENTS (ADA)</b>						
	Assess transit facilities' compliance with the ADA.						
							Function: Facilities Strategic Plan: Infrastructure District: Citywide
	Study	300,000	300,000	300,000	300,000	300,000	\$1,500,000
	<b>Project total</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>
	Transportation 2050	300,000	300,000	300,000	300,000	300,000	\$1,500,000
	<b>Funding total</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00140001</b>	<b>BUS PULLOUTS</b>						
Install new bus pullouts.							
						<b>Function: Other Transit Projects</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		954,810	983,455	1,012,958	1,015,000	1,015,000	\$4,981,223
<b>Project total</b>		<b>\$954,810</b>	<b>\$983,455</b>	<b>\$1,012,958</b>	<b>\$1,015,000</b>	<b>\$1,015,000</b>	<b>\$4,981,223</b>
Transportation 2050		954,810	983,455	1,012,958	1,015,000	1,015,000	\$4,981,223
<b>Funding total</b>		<b>\$954,810</b>	<b>\$983,455</b>	<b>\$1,012,958</b>	<b>\$1,015,000</b>	<b>\$1,015,000</b>	<b>\$4,981,223</b>
<b>PT00160022</b>	<b>FIBER CONNECTIVITY</b>						
Install fiber optic cable in all Public Transit offices.							
						<b>Function: Technology/Communications</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Technology		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Transportation 2050		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>PT00160024</b>	<b>FARE COLLECTION SYSTEM MAINTENANCE</b>						
Maintain the Fare Collection System for disaster recovery.							
						<b>Function: Technology/Communications</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Technology		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Transportation 2050		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>PT00160026</b>	<b>UPGRADE RAPID BUS SIGNS</b>						
Replace software and hardware located within RAPID bus sign structures.							
						<b>Function: Technology/Communications</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Technology		40,000	40,000	40,000	40,000	40,000	\$200,000
<b>Project total</b>		<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$200,000</b>
Transportation 2050		40,000	40,000	40,000	40,000	40,000	\$200,000
<b>Funding total</b>		<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$200,000</b>
<b>PT00160028</b>	<b>302 BUILDING – CONFERENCE ROOM</b>						
Configure a permanent projector in the conference room at the Public Transit headquarters building located at 302 North First Avenue.							
						<b>Function: Technology/Communications</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: 7</b>	
Technology		20,000	-	-	-	100,000	\$120,000
<b>Project total</b>		<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>\$120,000</b>
Other Restricted		20,000	-	-	-	100,000	\$120,000
<b>Funding total</b>		<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>\$120,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00160029</b>	<b>302 BUILDING – REPLACE SERVER</b>						
	Replace server hardware that has reached its useful life expectancy at the Public Transit headquarters building located at 302 North First Avenue.						
							<b>Function: Technology/Communications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: 7</b>
	Technology	-	-	-	800,000	-	\$800,000
	<b>Project total</b>	-	-	-	<b>\$800,000</b>	-	<b>\$800,000</b>
	Transportation 2050	-	-	-	800,000	-	\$800,000
	<b>Funding total</b>	-	-	-	<b>\$800,000</b>	-	<b>\$800,000</b>
<b>PT00160032</b>	<b>NETWORK HARDWARE REFRESH</b>						
	Purchase equipment and provide for consultation time for installation and configuration of network hardware.						
							<b>Function: Technology/Communications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
	Technology	-	-	-	-	100,000	\$100,000
	<b>Project total</b>	-	-	-	-	<b>\$100,000</b>	<b>\$100,000</b>
	Transportation 2050	-	-	-	-	100,000	\$100,000
	<b>Funding total</b>	-	-	-	-	<b>\$100,000</b>	<b>\$100,000</b>
<b>PT00160038</b>	<b>AUTOMATED TERMINAL INFORMATION SYSTEM HARDWARE</b>						
	Install updated hardware in automated terminal information system signs.						
							<b>Function: Technology/Communications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
	Technology	-	-	50,000	-	-	\$50,000
	<b>Project total</b>	-	-	<b>\$50,000</b>	-	-	<b>\$50,000</b>
	Transportation 2050	-	-	50,000	-	-	\$50,000
	<b>Funding total</b>	-	-	<b>\$50,000</b>	-	-	<b>\$50,000</b>
<b>PT00160039</b>	<b>FUEL MANAGEMENT UPGRADE</b>						
	Upgrade the fuel island controllers of the Fuel Management System at the West Facility.						
							<b>Function: Technology/Communications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: 7</b>
	Technology	200,000	-	-	-	-	\$200,000
	<b>Project total</b>	<b>\$200,000</b>	-	-	-	-	<b>\$200,000</b>
	Transportation 2050	200,000	-	-	-	-	\$200,000
	<b>Funding total</b>	<b>\$200,000</b>	-	-	-	-	<b>\$200,000</b>
<b>PT00160105</b>	<b>PARATRANSIT IT EVALUATION</b>						
	Analyze paratransit technical requirements and develop a scope for a future paratransit system.						
							<b>Function: Technology/Communications</b>
							<b>Strategic Plan: Technology</b>
							<b>District: Citywide</b>
	Technology	-	200,000	900,000	-	-	\$1,100,000
	<b>Project total</b>	-	<b>\$200,000</b>	<b>\$900,000</b>	-	-	<b>\$1,100,000</b>
	Transportation 2050	-	200,000	900,000	-	-	\$1,100,000
	<b>Funding total</b>	-	<b>\$200,000</b>	<b>\$900,000</b>	-	-	<b>\$1,100,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00160106</b>	<b>TRANSIT WIFI EVALUATION</b>						
	Analyze the need for WiFi in buses, transit yards and Park-and-Ride facilities.						
							Function: Technology/Communications Strategic Plan: Technology District: Citywide
	Technology	500,000	-	-	-	-	\$500,000
	<b>Project total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
	Transportation 2050	500,000	-	-	-	-	\$500,000
	<b>Funding total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>PT00160201</b>	<b>GRANT MANAGEMENT SYSTEM</b>						
	Complete a grant management system to enhance capabilities for Federal Transit Administration and other grant sub-recipient oversight in the Phoenix-Mesa area.						
							Function: Technology/Communications Strategic Plan: Technology District: Citywide
	Technology	500,000	-	-	-	-	\$500,000
	<b>Project total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
	Transportation 2050	500,000	-	-	-	-	\$500,000
	<b>Funding total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>PT00170022</b>	<b>FACILITIES PLANNING</b>						
	Utilizing on-call professional services, assist the Facilities Section in design, planning and studies related to all future transit facilities including bus stops.						
							Function: Planning Projects Strategic Plan: Infrastructure District: Citywide
	Study	150,000	150,000	150,000	150,000	150,000	\$750,000
	<b>Project total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>
	Transportation 2050	150,000	150,000	150,000	150,000	150,000	\$750,000
	<b>Funding total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>
<b>PT00190001</b>	<b>CONTINGENCY</b>						
	Provide contingency funds for change orders, inflation or other unexpected project costs.						
							Function: Contingencies Strategic Plan: Infrastructure District: Citywide
	Construction	8,000,000	-	-	-	-	\$8,000,000
	<b>Project total</b>	<b>\$8,000,000</b>	-	-	-	-	<b>\$8,000,000</b>
	Operating Grants	5,000,000	-	-	-	-	\$5,000,000
	Regional Transit	1,000,000	-	-	-	-	\$1,000,000
	Transportation 2050	2,000,000	-	-	-	-	\$2,000,000
	<b>Funding total</b>	<b>\$8,000,000</b>	-	-	-	-	<b>\$8,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00260003</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – SIGNING AND STRIPING</b>						
		<b>Function: Northwest Light Rail Extension Phase II</b>					
	Fabricate and install traffic signs and pavement markings for the Northwest Extension Phase II.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1</b>					
Construction		-	25,000	25,000	50,000	150,000	\$250,000
<b>Project total</b>		-	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$50,000</b>	<b>\$150,000</b>	<b>\$250,000</b>
Transportation 2050		-	25,000	25,000	50,000	150,000	\$250,000
<b>Funding total</b>		-	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$50,000</b>	<b>\$150,000</b>	<b>\$250,000</b>
<b>PT00260004</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – PROJECT SUPPORT STAFF</b>						
		<b>Function: Northwest Light Rail Extension Phase II</b>					
	Provide for charges of city staff time for coordination of Northwest Extension Phase II.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1</b>					
Construction		874,306	11,041,016	6,413,736	2,828,530	500,000	\$21,657,588
<b>Project total</b>		<b>\$874,306</b>	<b>\$11,041,016</b>	<b>\$6,413,736</b>	<b>\$2,828,530</b>	<b>\$500,000</b>	<b>\$21,657,588</b>
Nonprofit Corporation Bonds - T2050		-	11,041,016	6,413,736	2,828,530	500,000	\$20,783,282
Transportation 2050		874,306	-	-	-	-	\$874,306
<b>Funding total</b>		<b>\$874,306</b>	<b>\$11,041,016</b>	<b>\$6,413,736</b>	<b>\$2,828,530</b>	<b>\$500,000</b>	<b>\$21,657,588</b>
<b>PT00260005</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – TRAFFIC SIGNALS</b>						
		<b>Function: Northwest Light Rail Extension Phase II</b>					
	Install traffic signals along the extension corridor.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1, 3 &amp; 5</b>					
Construction		365,000	365,000	365,000	365,000	-	\$1,460,000
<b>Project total</b>		<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	-	<b>\$1,460,000</b>
Transportation 2050		365,000	365,000	365,000	365,000	-	\$1,460,000
<b>Funding total</b>		<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	-	<b>\$1,460,000</b>
<b>PT00260006</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – TRAFFIC MAINTENANCE</b>						
		<b>Function: Northwest Light Rail Extension Phase II</b>					
	Install temporary traffic signals along the extension corridor.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1, 3 &amp; 5</b>					
Construction		-	-	-	750,000	1,750,000	\$2,500,000
<b>Project total</b>		-	-	-	<b>\$750,000</b>	<b>\$1,750,000</b>	<b>\$2,500,000</b>
Nonprofit Corporation Bonds - T2050		-	-	-	750,000	1,750,000	\$2,500,000
<b>Funding total</b>		-	-	-	<b>\$750,000</b>	<b>\$1,750,000</b>	<b>\$2,500,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00260100</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – DESIGN</b>						
	Provide for charges related to design and construction of the Light Rail Northwest Extension Phase II.						
							<b>Function: Northwest Light Rail Extension Phase II</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Design	35,545,688	45,402,000	99,829,200	35,267,200	-	\$216,044,088
	<b>Project total</b>	<b>\$35,545,688</b>	<b>\$45,402,000</b>	<b>\$99,829,200</b>	<b>\$35,267,200</b>	<b>-</b>	<b>\$216,044,088</b>
	Capital Grants	35,545,688	20,215,000	28,470,000	-	-	\$84,230,688
	Nonprofit Corporation Bonds - T2050	-	25,187,000	71,359,200	35,267,200	-	\$131,813,400
	<b>Funding total</b>	<b>\$35,545,688</b>	<b>\$45,402,000</b>	<b>\$99,829,200</b>	<b>\$35,267,200</b>	<b>-</b>	<b>\$216,044,088</b>
<b>PT00260999</b>	<b>NORTHWEST LIGHT RAIL EXTENSION PHASE II – LAND ACQUISITION</b>						
	Acquire property for the Northwest Light Rail Extension Phase II.						
							<b>Function: Northwest Light Rail Extension Phase II</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	15,000,000	15,000,000	5,000,000	1,425,000	-	\$36,425,000
	<b>Project total</b>	<b>\$15,000,000</b>	<b>\$15,000,000</b>	<b>\$5,000,000</b>	<b>\$1,425,000</b>	<b>-</b>	<b>\$36,425,000</b>
	Nonprofit Corporation Bonds - T2050	-	15,000,000	5,000,000	1,425,000	-	\$21,425,000
	Transportation 2050	15,000,000	-	-	-	-	\$15,000,000
	<b>Funding total</b>	<b>\$15,000,000</b>	<b>\$15,000,000</b>	<b>\$5,000,000</b>	<b>\$1,425,000</b>	<b>-</b>	<b>\$36,425,000</b>
<b>PT00280009</b>	<b>REMNANT PARCEL DISPOSAL</b>						
	Dispose of remnant parcels purchased for Light Rail initial segment.						
							<b>Function: Land Acquisition for Initial Light Rail</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 4, 7 &amp; 8</b>
	Land Acquisition	41,000	14,000	21,000	14,000	-	\$90,000
	<b>Project total</b>	<b>\$41,000</b>	<b>\$14,000</b>	<b>\$21,000</b>	<b>\$14,000</b>	<b>-</b>	<b>\$90,000</b>
	Other Restricted	41,000	14,000	21,000	14,000	-	\$90,000
	<b>Funding total</b>	<b>\$41,000</b>	<b>\$14,000</b>	<b>\$21,000</b>	<b>\$14,000</b>	<b>-</b>	<b>\$90,000</b>
<b>PT00280015</b>	<b>LIGHT RAIL TRANSIT – BUSINESS ASSISTANCE</b>						
	Provide assistance to businesses along the Light Rail northwest extension route.						
							<b>Function: Northwest Light Rail Extension Phase II</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 1, 3, 4 &amp; 5</b>
	Study	600,000	600,000	600,000	350,000	350,000	\$2,500,000
	<b>Project total</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$2,500,000</b>
	Transportation 2050	600,000	600,000	600,000	350,000	350,000	\$2,500,000
	<b>Funding total</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$2,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00290400</b>	<b>CITY CORE STAFF – WEST PHOENIX</b>						
	Provide for charges of city staff time for coordination of West Phoenix Light Rail extension.						
							District: 4 & 5
	Other	25,000	25,000	25,000	25,000	25,000	\$125,000
	<b>Project total</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
	Transportation 2050	25,000	25,000	25,000	25,000	25,000	\$125,000
	<b>Funding total</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
<b>PT00310001</b>	<b>CAPITOL AND I-10 – TRAFFIC SIGNALS</b>						
	Install traffic signals along the extension corridor.						
							District: 7 & 8
	Construction	-	-	-	1,500,000	3,000,000	\$4,500,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>	<b>\$3,000,000</b>	<b>\$4,500,000</b>
	Nonprofit Corporation Bonds - T2050	-	-	-	1,500,000	3,000,000	\$4,500,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>	<b>\$3,000,000</b>	<b>\$4,500,000</b>
<b>PT00310002</b>	<b>CAPITOL AND I-10 – TRAFFIC MAINTENANCE</b>						
	Install temporary traffic signals along the extension corridor.						
							District: 7 & 8
	Construction	-	655,000	655,000	655,000	-	\$1,965,000
	<b>Project total</b>	<b>-</b>	<b>\$655,000</b>	<b>\$655,000</b>	<b>\$655,000</b>	<b>-</b>	<b>\$1,965,000</b>
	Transportation 2050	-	655,000	655,000	655,000	-	\$1,965,000
	<b>Funding total</b>	<b>-</b>	<b>\$655,000</b>	<b>\$655,000</b>	<b>\$655,000</b>	<b>-</b>	<b>\$1,965,000</b>
<b>PT00310003</b>	<b>CAPITOL AND I-10 – PAVEMENT AND SIGNALS</b>						
	Install traffic signals along the extension corridor.						
							District: 7 & 8
	Construction	-	-	-	50,000	250,000	\$300,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>	<b>\$250,000</b>	<b>\$300,000</b>
	Transportation 2050	-	-	-	50,000	250,000	\$300,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>	<b>\$250,000</b>	<b>\$300,000</b>
<b>PT00310100</b>	<b>CAPITOL AND I-10 – PHASE 1</b>						
	Construct a 1.5 mile Light Rail extension connecting downtown Phoenix west to the State Capitol area.						
							District: 7 & 8
	Construction	-	6,524,250	30,486,030	38,468,200	44,999,090	\$120,477,570
	<b>Project total</b>	<b>-</b>	<b>\$6,524,250</b>	<b>\$30,486,030</b>	<b>\$38,468,200</b>	<b>\$44,999,090</b>	<b>\$120,477,570</b>
	Nonprofit Corporation Bonds - T2050	-	6,524,250	30,486,030	38,468,200	44,999,090	\$120,477,570
	<b>Funding total</b>	<b>-</b>	<b>\$6,524,250</b>	<b>\$30,486,030</b>	<b>\$38,468,200</b>	<b>\$44,999,090</b>	<b>\$120,477,570</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00310400</b>	<b>CAPITOL AND I-10 – CITY CORE STAFF</b>						
	Provide for charges of city staff time for coordination of Capitol and I-10 Light Rail extension.						
							Function: Capitol and I-10 Light Rail Extension Strategic Plan: Infrastructure District: 4, 7 & 8
	Other	100,000	3,531,200	3,381,200	3,381,200	3,381,200	\$13,774,800
	<b>Project total</b>	<b>\$100,000</b>	<b>\$3,531,200</b>	<b>\$3,381,200</b>	<b>\$3,381,200</b>	<b>\$3,381,200</b>	<b>\$13,774,800</b>
	Transportation 2050	100,000	3,531,200	3,381,200	3,381,200	3,381,200	\$13,774,800
	<b>Funding total</b>	<b>\$100,000</b>	<b>\$3,531,200</b>	<b>\$3,381,200</b>	<b>\$3,381,200</b>	<b>\$3,381,200</b>	<b>\$13,774,800</b>
<b>PT00310999</b>	<b>CAPITOL AND I-10 – PHASE I ACQUISITION</b>						
	Acquire parcels along the Capitol and I-10 corridor.						
							Function: Capitol and I-10 Light Rail Extension Strategic Plan: Infrastructure District: 7 & 8
	Land Acquisition	-	500,000	15,000,000	7,500,000	500,000	\$23,500,000
	<b>Project total</b>	<b>-</b>	<b>\$500,000</b>	<b>\$15,000,000</b>	<b>\$7,500,000</b>	<b>\$500,000</b>	<b>\$23,500,000</b>
	Nonprofit Corporation Bonds - T2050	-	500,000	15,000,000	7,500,000	500,000	\$23,500,000
	<b>Funding total</b>	<b>-</b>	<b>\$500,000</b>	<b>\$15,000,000</b>	<b>\$7,500,000</b>	<b>\$500,000</b>	<b>\$23,500,000</b>
<b>PT00320001</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION – SIGNING AND STRIPING</b>						
	Fabricate and install traffic signs and pavement markings for South Central Light Rail Extension.						
							Function: South Central Light Rail Extension Strategic Plan: Infrastructure District: 7 & 8
	Construction	20,000	100,000	200,000	100,000	400,000	\$820,000
	<b>Project total</b>	<b>\$20,000</b>	<b>\$100,000</b>	<b>\$200,000</b>	<b>\$100,000</b>	<b>\$400,000</b>	<b>\$820,000</b>
	Transportation 2050	20,000	100,000	200,000	100,000	400,000	\$820,000
	<b>Funding total</b>	<b>\$20,000</b>	<b>\$100,000</b>	<b>\$200,000</b>	<b>\$100,000</b>	<b>\$400,000</b>	<b>\$820,000</b>
<b>PT00320002</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION – SIGNAL EQUIPMENT</b>						
	Provide for traffic signal equipment for South Central Light Rail Extension.						
							Function: South Central Light Rail Extension Strategic Plan: Infrastructure District: 7 & 8
	Construction	-	1,800,000	25,000	3,550,000	3,550,000	\$8,925,000
	<b>Project total</b>	<b>-</b>	<b>\$1,800,000</b>	<b>\$25,000</b>	<b>\$3,550,000</b>	<b>\$3,550,000</b>	<b>\$8,925,000</b>
	Nonprofit Corporation Bonds - T2050	-	1,800,000	25,000	3,550,000	3,550,000	\$8,925,000
	<b>Funding total</b>	<b>-</b>	<b>\$1,800,000</b>	<b>\$25,000</b>	<b>\$3,550,000</b>	<b>\$3,550,000</b>	<b>\$8,925,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00320003</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION – TEMPORARY SIGNALS</b>						
	Provide temporary traffic signals during the construction phase of South Central Light Rail Extension.						
							<b>Function: South Central Light Rail Extension</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Construction	655,000	1,470,000	670,000	25,000	-	\$2,820,000
	<b>Project total</b>	<b>\$655,000</b>	<b>\$1,470,000</b>	<b>\$670,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$2,820,000</b>
	Nonprofit Corporation Bonds - T2050	-	1,470,000	670,000	25,000	-	\$2,165,000
	Transportation 2050	655,000	-	-	-	-	\$655,000
	<b>Funding total</b>	<b>\$655,000</b>	<b>\$1,470,000</b>	<b>\$670,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$2,820,000</b>
<b>PT00320004</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION – PROJECT SUPPORT STAFF</b>						
	Provide for charges of city staff time for coordination of South Central Light Rail implementation.						
							<b>Function: South Central Light Rail Extension</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Construction	10,100,000	18,900,000	9,900,000	8,500,000	500,000	\$47,900,000
	<b>Project total</b>	<b>\$10,100,000</b>	<b>\$18,900,000</b>	<b>\$9,900,000</b>	<b>\$8,500,000</b>	<b>\$500,000</b>	<b>\$47,900,000</b>
	Nonprofit Corporation Bonds - T2050	-	18,900,000	9,900,000	8,500,000	500,000	\$37,800,000
	Transportation 2050	10,100,000	-	-	-	-	\$10,100,000
	<b>Funding total</b>	<b>\$10,100,000</b>	<b>\$18,900,000</b>	<b>\$9,900,000</b>	<b>\$8,500,000</b>	<b>\$500,000</b>	<b>\$47,900,000</b>
<b>PT00320100</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION</b>						
	Develop the South Central Light Rail extension from existing light rail in downtown Phoenix to Baseline Road.						
							<b>Function: South Central Light Rail Extension</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Construction	75,000,000	103,522,660	144,363,217	50,000,000	50,000,000	\$422,885,877
	<b>Project total</b>	<b>\$75,000,000</b>	<b>\$103,522,660</b>	<b>\$144,363,217</b>	<b>\$50,000,000</b>	<b>\$50,000,000</b>	<b>\$422,885,877</b>
	Capital Grants	75,000,000	75,000,000	-	-	-	\$150,000,000
	Nonprofit Corporation Bonds - T2050	-	28,522,660	144,363,217	50,000,000	50,000,000	\$272,885,877
	<b>Funding total</b>	<b>\$75,000,000</b>	<b>\$103,522,660</b>	<b>\$144,363,217</b>	<b>\$50,000,000</b>	<b>\$50,000,000</b>	<b>\$422,885,877</b>
<b>PT00320999</b>	<b>SOUTH CENTRAL LIGHT RAIL EXTENSION – LAND ACQUISITION</b>						
	Acquire land and right-of-way for parcels along the light rail route.						
							<b>Function: South Central Light Rail Extension</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Land Acquisition	30,000,000	20,000,000	10,000,000	6,200,000	-	\$66,200,000
	<b>Project total</b>	<b>\$30,000,000</b>	<b>\$20,000,000</b>	<b>\$10,000,000</b>	<b>\$6,200,000</b>	<b>-</b>	<b>\$66,200,000</b>
	Nonprofit Corporation Bonds - T2050	-	20,000,000	10,000,000	6,200,000	-	\$36,200,000
	Transportation 2050	30,000,000	-	-	-	-	\$30,000,000
	<b>Funding total</b>	<b>\$30,000,000</b>	<b>\$20,000,000</b>	<b>\$10,000,000</b>	<b>\$6,200,000</b>	<b>-</b>	<b>\$66,200,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT00400110</b>	<b>T2050 BUS RAPID TRANSIT – CONSTRUCTION 1ST CORRIDOR</b>						
	Construct first corridor Bus Rapid Transit.						
							Function: T2050 Bus Rapid Transit Strategic Plan: Infrastructure District: Citywide
Construction		-	23,584,000	11,616,000	-	-	\$35,200,000
<b>Project total</b>		-	<b>\$23,584,000</b>	<b>\$11,616,000</b>	-	-	<b>\$35,200,000</b>
Transportation 2050		-	23,584,000	11,616,000	-	-	\$35,200,000
<b>Funding total</b>		-	<b>\$23,584,000</b>	<b>\$11,616,000</b>	-	-	<b>\$35,200,000</b>
<b>PT00400200</b>	<b>T2050 BUS RAPID TRANSIT – DESIGN 2ND CORRIDOR</b>						
	Design second corridor Bus Rapid Transit.						
							Function: T2050 Bus Rapid Transit Strategic Plan: Infrastructure District: Citywide
Design		-	-	2,550,000	14,450,000	3,000,000	\$20,000,000
<b>Project total</b>		-	-	<b>\$2,550,000</b>	<b>\$14,450,000</b>	<b>\$3,000,000</b>	<b>\$20,000,000</b>
Operating Grants		-	-	1,275,000	7,225,000	1,500,000	\$10,000,000
Transportation 2050		-	-	1,275,000	7,225,000	1,500,000	\$10,000,000
<b>Funding total</b>		-	-	<b>\$2,550,000</b>	<b>\$14,450,000</b>	<b>\$3,000,000</b>	<b>\$20,000,000</b>
<b>PT00400210</b>	<b>T2050 BUS RAPID TRANSIT – CONSTRUCTION 2ND CORRIDOR</b>						
	Construct second corridor Bus Rapid Transit.						
							Function: T2050 Bus Rapid Transit Strategic Plan: Infrastructure District: Citywide
Construction		-	-	-	-	75,000,000	\$75,000,000
<b>Project total</b>		-	-	-	-	<b>\$75,000,000</b>	<b>\$75,000,000</b>
Operating Grants		-	-	-	-	37,500,000	\$37,500,000
Transportation 2050		-	-	-	-	37,500,000	\$37,500,000
<b>Funding total</b>		-	-	-	-	<b>\$75,000,000</b>	<b>\$75,000,000</b>
<b>PT00400300</b>	<b>T2050 BUS RAPID TRANSIT – DESIGN 3RD CORRIDOR</b>						
	Design third corridor Bus Rapid Transit.						
							Function: T2050 Bus Rapid Transit Strategic Plan: Infrastructure District: Citywide
Design		-	-	-	4,900,000	2,400,000	\$7,300,000
<b>Project total</b>		-	-	-	<b>\$4,900,000</b>	<b>\$2,400,000</b>	<b>\$7,300,000</b>
Transportation 2050		-	-	-	4,900,000	2,400,000	\$7,300,000
<b>Funding total</b>		-	-	-	<b>\$4,900,000</b>	<b>\$2,400,000</b>	<b>\$7,300,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Public Transit**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PT03120004</b>	<b>LAVEEN/59TH AVENUE PARK-AND-RIDE FACILITY</b>						
	Construct a passenger facility near the future Loop 202 in Laveen.						
	Estimated full-year ongoing operating costs:	\$20,000					
	Construction	4,182,536	-	-	-	-	\$4,182,536
	<b>Project total</b>	<b>\$4,182,536</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,182,536</b>
	Capital Grants	3,346,030	-	-	-	-	\$3,346,030
	Regional Transit	836,506	-	-	-	-	\$836,506
	<b>Funding total</b>	<b>\$4,182,536</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,182,536</b>
<b>PT17110003</b>	<b>PURCHASE 30 FT STANDARD REPLACEMENT BUS</b>						
	Purchase and inspect replacement buses.						
	Equipment	974,124	-	-	-	-	\$974,124
	<b>Project total</b>	<b>\$974,124</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$974,124</b>
	Operating Grants	828,005	-	-	-	-	\$828,005
	Regional Transit	146,119	-	-	-	-	\$146,119
	<b>Funding total</b>	<b>\$974,124</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$974,124</b>
<b>PT24160001</b>	<b>HASTUS UPGRADE</b>						
	Upgrade system software for bus route scheduling and dispatching.						
	Technology	-	-	-	100,000	-	\$100,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>-</b>	<b>\$100,000</b>
	Transportation 2050	-	-	-	100,000	-	\$100,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>-</b>	<b>\$100,000</b>
<b>PT36140001</b>	<b>SUPPORT SERVICES</b>						
	Provide support services for federal grant management.						
	Equipment	50,000	50,000	50,000	50,000	50,000	\$250,000
	<b>Project total</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
	Operating Grants	40,000	40,000	40,000	40,000	40,000	\$200,000
	Transportation 2050	10,000	10,000	10,000	10,000	10,000	\$50,000
	<b>Funding total</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>Program total</b>		<b>\$244,209,774</b>	<b>\$304,006,631</b>	<b>\$375,631,952</b>	<b>\$215,921,874</b>	<b>\$222,515,559</b>	<b>\$1,362,285,790</b>

## Regional Wireless Cooperative

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
Regional Wireless Cooperative	9,203,942	7,324,952	6,002,000	6,002,000	6,000,000	\$34,532,894
<b>Total</b>	<b>\$9,203,942</b>	<b>\$7,324,952</b>	<b>\$6,002,000</b>	<b>\$6,002,000</b>	<b>\$6,000,000</b>	<b>\$34,532,894</b>
<b>Source of Funds</b>						
<u>Other Capital Funds</u>						
Other Cities' Share in Joint Ventures	9,203,942	7,324,952	6,002,000	6,002,000	6,000,000	\$34,532,894
<b>Total Other Capital Funds</b>	<b>\$9,203,942</b>	<b>\$7,324,952</b>	<b>\$6,002,000</b>	<b>\$6,002,000</b>	<b>\$6,000,000</b>	<b>\$34,532,894</b>
<b>Program Total</b>	<b>\$9,203,942</b>	<b>\$7,324,952</b>	<b>\$6,002,000</b>	<b>\$6,002,000</b>	<b>\$6,000,000</b>	<b>\$34,532,894</b>



City of Phoenix, Arizona  
**2019-2024 Preliminary Capital Improvement Program**  
**Regional Wireless Cooperative**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>RW32000001</b>	<b>REGIONAL WIRELESS COOPERATIVE CONNECT</b>						
Provide infrastructure to transition other cities onto the Regional Wireless Cooperative radio system.						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Equipment		6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	\$30,000,000
	<b>Project total</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$30,000,000</b>
Other Cities' Share in Joint Ventures		6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	\$30,000,000
	<b>Funding total</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$30,000,000</b>
<b>RW32000004</b>	<b>SYSTEM-LEVEL TDMA CONVERSION</b>						
Add time-division multiple access capability to Regional Wireless Cooperative channels.						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Other		2,000	2,000	2,000	2,000	-	\$8,000
Technology		3,201,942	1,322,952	-	-	-	\$4,524,894
	<b>Project total</b>	<b>\$3,203,942</b>	<b>\$1,324,952</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>-</b>	<b>\$4,532,894</b>
Other Cities' Share in Joint Ventures		3,203,942	1,324,952	2,000	2,000	-	\$4,532,894
	<b>Funding total</b>	<b>\$3,203,942</b>	<b>\$1,324,952</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>-</b>	<b>\$4,532,894</b>
<b>Program total</b>		<b>\$9,203,942</b>	<b>\$7,324,952</b>	<b>\$6,002,000</b>	<b>\$6,002,000</b>	<b>\$6,000,000</b>	<b>\$34,532,894</b>

## Solid Waste Disposal

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
19th Avenue Landfill	835,000	343,000	348,000	372,000	357,000	\$2,255,000
27th Avenue Landfill	361,000	367,000	372,000	378,000	383,000	\$1,861,000
Energy Projects	200,000	200,000	200,000	200,000	200,000	\$1,000,000
Other Projects	1,100,000	-	-	-	-	\$1,100,000
Skunk Creek Landfill	1,244,000	755,000	767,000	778,000	790,000	\$4,334,000
SR 85 Landfill	1,235,000	9,373,994	972,000	9,587,000	4,102,000	\$25,269,994
Transfer Station	9,861,150	18,254,900	13,243,000	3,300,000	1,300,000	\$45,959,050
<b>Total</b>	<b>\$14,836,150</b>	<b>\$29,293,894</b>	<b>\$15,902,000</b>	<b>\$14,615,000</b>	<b>\$7,132,000</b>	<b>\$81,779,044</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Solid Waste	6,589,150	2,802,894	3,176,000	2,809,000	3,285,000	\$18,662,044
<b>Total Operating Funds</b>	<b>\$6,589,150</b>	<b>\$2,802,894</b>	<b>\$3,176,000</b>	<b>\$2,809,000</b>	<b>\$3,285,000</b>	<b>\$18,662,044</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Solid Waste	7,412,000	23,148,000	12,378,000	7,134,000	3,490,000	\$53,562,000
<b>Total Bond Funds</b>	<b>\$7,412,000</b>	<b>\$23,148,000</b>	<b>\$12,378,000</b>	<b>\$7,134,000</b>	<b>\$3,490,000</b>	<b>\$53,562,000</b>
<u>Other Capital Funds</u>						
Capital Reserves	-	3,000,000	-	4,300,000	-	\$7,300,000
Solid Waste Remediation	835,000	343,000	348,000	372,000	357,000	\$2,255,000
<b>Total Other Capital Funds</b>	<b>\$835,000</b>	<b>\$3,343,000</b>	<b>\$348,000</b>	<b>\$4,672,000</b>	<b>\$357,000</b>	<b>\$9,555,000</b>
<b>Program Total</b>	<b>\$14,836,150</b>	<b>\$29,293,894</b>	<b>\$15,902,000</b>	<b>\$14,615,000</b>	<b>\$7,132,000</b>	<b>\$81,779,044</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Solid Waste Disposal**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW16520005</b>	<b>19TH AVENUE – GROUNDWATER REMEDIATION</b>						
Perform groundwater monitoring and inspections at the 19th Avenue Landfill.						Function: 19th Avenue Landfill Strategic Plan: Infrastructure District: 7	
Construction		50,000	50,000	50,000	70,000	50,000	\$270,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$70,000</b>	<b>\$50,000</b>	<b>\$270,000</b>
Solid Waste Remediation		50,000	50,000	50,000	70,000	50,000	\$270,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$70,000</b>	<b>\$50,000</b>	<b>\$270,000</b>
<b>PW16520006</b>	<b>19TH AVENUE – METHANE GAS SYSTEM</b>						
Maintain the methane gas collection system at the 19th Avenue Landfill.						Function: 19th Avenue Landfill Strategic Plan: Technology District: 7	
Construction		785,000	293,000	298,000	302,000	307,000	\$1,985,000
<b>Project total</b>		<b>\$785,000</b>	<b>\$293,000</b>	<b>\$298,000</b>	<b>\$302,000</b>	<b>\$307,000</b>	<b>\$1,985,000</b>
Solid Waste Remediation		785,000	293,000	298,000	302,000	307,000	\$1,985,000
<b>Funding total</b>		<b>\$785,000</b>	<b>\$293,000</b>	<b>\$298,000</b>	<b>\$302,000</b>	<b>\$307,000</b>	<b>\$1,985,000</b>
<b>PW16530001</b>	<b>27TH AVENUE – METHANE GAS SYSTEM</b>						
Maintain the methane gas collection system at the 27th Avenue Landfill.						Function: 27th Avenue Landfill Strategic Plan: Technology District: 7	
Construction		361,000	367,000	372,000	378,000	383,000	\$1,861,000
<b>Project total</b>		<b>\$361,000</b>	<b>\$367,000</b>	<b>\$372,000</b>	<b>\$378,000</b>	<b>\$383,000</b>	<b>\$1,861,000</b>
Solid Waste		361,000	367,000	372,000	378,000	383,000	\$1,861,000
<b>Funding total</b>		<b>\$361,000</b>	<b>\$367,000</b>	<b>\$372,000</b>	<b>\$378,000</b>	<b>\$383,000</b>	<b>\$1,861,000</b>
<b>PW16640004</b>	<b>SKUNK CREEK – GAS MONITORING AND MAINTENANCE</b>						
Monitor and maintain the methane gas systems at the Skunk Creek Landfill.						Function: Skunk Creek Landfill Strategic Plan: Technology District: 1	
Construction		1,244,000	755,000	767,000	778,000	790,000	\$4,334,000
<b>Project total</b>		<b>\$1,244,000</b>	<b>\$755,000</b>	<b>\$767,000</b>	<b>\$778,000</b>	<b>\$790,000</b>	<b>\$4,334,000</b>
Solid Waste		1,244,000	755,000	767,000	778,000	790,000	\$4,334,000
<b>Funding total</b>		<b>\$1,244,000</b>	<b>\$755,000</b>	<b>\$767,000</b>	<b>\$778,000</b>	<b>\$790,000</b>	<b>\$4,334,000</b>
<b>PW16700003</b>	<b>27TH AVENUE TRANSFER STATION – PAINTING</b>						
Paint the 27th Avenue Landfill Solid Waste Transfer Station.						Function: Transfer Station Strategic Plan: Infrastructure District: 7	
Construction		-	-	-	-	1,200,000	\$1,200,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,200,000</b>	<b>\$1,200,000</b>
Solid Waste		-	-	-	-	1,200,000	\$1,200,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,200,000</b>	<b>\$1,200,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Solid Waste Disposal**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW16700020</b>	<b>MATERIAL RECOVERY FACILITIES RETROFIT</b>						
	Replace or upgrade aging equipment at the 27th Avenue and North Gateway Transfer Stations Material Recovery Facilities.						
							Function: Transfer Station Strategic Plan: Infrastructure District: 2 & 7
	Construction	5,000,000	12,000,000	-	-	-	\$17,000,000
	<b>Project total</b>	<b>\$5,000,000</b>	<b>\$12,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$17,000,000</b>
	Nonprofit Corporation Bonds - Solid Waste	5,000,000	12,000,000	-	-	-	\$17,000,000
	<b>Funding total</b>	<b>\$5,000,000</b>	<b>\$12,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$17,000,000</b>
<b>PW16700021</b>	<b>27TH AVENUE COMPOSTING FACILITY</b>						
	Improve infrastructure and construct a temporary and permanent compost facility adjacent to the 27th Avenue Transfer Station.						
	Estimated full-year ongoing operating costs:	\$2,285,000					
	Construction	870,000	2,000,000	2,000,000	2,000,000	-	\$6,870,000
	<b>Project total</b>	<b>\$870,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$6,870,000</b>
	Nonprofit Corporation Bonds - Solid Waste	870,000	2,000,000	2,000,000	2,000,000	-	\$6,870,000
	<b>Funding total</b>	<b>\$870,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$6,870,000</b>
<b>PW16700022</b>	<b>NORTH GATEWAY TRANSFER STATION FIVE-YEAR PLAN</b>						
	Complete repair and replacement projects that are larger and more complex than normal maintenance work at the North Gateway Transfer Station.						
							Function: Transfer Station Strategic Plan: Infrastructure District: 2
	Construction	1,805,000	432,600	148,000	350,000	-	\$2,735,600
	<b>Project total</b>	<b>\$1,805,000</b>	<b>\$432,600</b>	<b>\$148,000</b>	<b>\$350,000</b>	<b>-</b>	<b>\$2,735,600</b>
	Solid Waste	1,805,000	432,600	148,000	350,000	-	\$2,735,600
	<b>Funding total</b>	<b>\$1,805,000</b>	<b>\$432,600</b>	<b>\$148,000</b>	<b>\$350,000</b>	<b>-</b>	<b>\$2,735,600</b>
<b>PW16700023</b>	<b>27TH AVENUE RESOURCE INNOVATION CAMPUS</b>						
	Develop infrastructure for the Resource Innovation Campus.						
							Function: Transfer Station Strategic Plan: Sustainability District: 7
	Construction	1,175,000	1,075,000	-	-	-	\$2,250,000
	<b>Project total</b>	<b>\$1,175,000</b>	<b>\$1,075,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,250,000</b>
	Nonprofit Corporation Bonds - Solid Waste	1,175,000	1,075,000	-	-	-	\$2,250,000
	<b>Funding total</b>	<b>\$1,175,000</b>	<b>\$1,075,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,250,000</b>
<b>PW16700026</b>	<b>27TH AVENUE FIVE-YEAR PLAN</b>						
	Complete repair and replacement projects that are larger and more complex than normal maintenance work at the 27th Avenue Transfer Station.						
							Function: Transfer Station Strategic Plan: Infrastructure District: 7
	Construction	1,011,150	97,300	695,000	200,000	-	\$2,003,450
	<b>Project total</b>	<b>\$1,011,150</b>	<b>\$97,300</b>	<b>\$695,000</b>	<b>\$200,000</b>	<b>-</b>	<b>\$2,003,450</b>
	Solid Waste	1,011,150	97,300	695,000	200,000	-	\$2,003,450
	<b>Funding total</b>	<b>\$1,011,150</b>	<b>\$97,300</b>	<b>\$695,000</b>	<b>\$200,000</b>	<b>-</b>	<b>\$2,003,450</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Solid Waste Disposal**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW16700028</b>	<b>NORTH GATEWAY TRANSFER STATION PAVING PROJECT</b>						
	Repair and replace the pavement on Dixileta Drive and the self-haul area at the North Gateway Transfer Station.						
							<b>Function: Transfer Station</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	600,000	-	-	100,000	\$700,000
	<b>Project total</b>	-	<b>\$600,000</b>	-	-	<b>\$100,000</b>	<b>\$700,000</b>
	Nonprofit Corporation Bonds - Solid Waste	-	600,000	-	-	100,000	\$700,000
	<b>Funding total</b>	-	<b>\$600,000</b>	-	-	<b>\$100,000</b>	<b>\$700,000</b>
<b>PW16700029</b>	<b>TRANSFER STATION CAPITAL IMPROVEMENT</b>						
	Design and construct a transfer station that will be identified through the Logistics Study.						
							<b>Function: Transfer Station</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	-	2,000,000	10,000,000	-	-	\$12,000,000
	<b>Project total</b>	-	<b>\$2,000,000</b>	<b>\$10,000,000</b>	-	-	<b>\$12,000,000</b>
	Nonprofit Corporation Bonds - Solid Waste	-	2,000,000	10,000,000	-	-	\$12,000,000
	<b>Funding total</b>	-	<b>\$2,000,000</b>	<b>\$10,000,000</b>	-	-	<b>\$12,000,000</b>
<b>PW16700030</b>	<b>NORTH GATEWAY MATERIAL RECOVERY FACILITY UPGRADE</b>						
	Purchase and install upgraded recycling equipment at the North Gateway Material Recovery Facility to improve processing and recycling of solid waste materials.						
							<b>Function: Transfer Station</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	750,000	-	\$750,000
	<b>Project total</b>	-	-	-	<b>\$750,000</b>	-	<b>\$750,000</b>
	Nonprofit Corporation Bonds - Solid Waste	-	-	-	750,000	-	\$750,000
	<b>Funding total</b>	-	-	-	<b>\$750,000</b>	-	<b>\$750,000</b>
<b>PW16700031</b>	<b>27TH AVENUE STREETScape</b>						
	Improve landscaping and signage along Lower Buckeye Road and the entrance to the 27th Avenue Transfer Station and associated Material Recycling Facility to enhance the aesthetic appeal of this facility.						
							<b>Function: Transfer Station</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	50,000	400,000	-	-	\$450,000
	<b>Project total</b>	-	<b>\$50,000</b>	<b>\$400,000</b>	-	-	<b>\$450,000</b>
	Solid Waste	-	50,000	400,000	-	-	\$450,000
	<b>Funding total</b>	-	<b>\$50,000</b>	<b>\$400,000</b>	-	-	<b>\$450,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Solid Waste Disposal**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW16810002</b>	<b>SR 85 LANDFILL – CELL 1 CAPPING</b>						
Cap Cell 1 at the State Route 85 Landfill.							
						Function: SR 85 Landfill	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		-	-	-	-	3,000,000	\$3,000,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>
Nonprofit Corporation Bonds - Solid Waste		-	-	-	-	3,000,000	\$3,000,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>
<b>PW16810003</b>	<b>SR 85 LANDFILL – METHANE GAS EXTRACTION SYSTEM</b>						
Construct methane gas extraction system for the State Route 85 Landfill.							
						Function: SR 85 Landfill	
						Strategic Plan: Technology	
						District: Citywide	
Construction		367,000	373,000	378,000	384,000	390,000	\$1,892,000
<b>Project total</b>		<b>\$367,000</b>	<b>\$373,000</b>	<b>\$378,000</b>	<b>\$384,000</b>	<b>\$390,000</b>	<b>\$1,892,000</b>
Nonprofit Corporation Bonds - Solid Waste		367,000	373,000	378,000	384,000	390,000	\$1,892,000
<b>Funding total</b>		<b>\$367,000</b>	<b>\$373,000</b>	<b>\$378,000</b>	<b>\$384,000</b>	<b>\$390,000</b>	<b>\$1,892,000</b>
<b>PW16810004</b>	<b>SR 85 LANDFILL – DRAINAGE</b>						
Construct a drainage system for the State Route 85 Landfill.							
						Function: SR 85 Landfill	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		-	3,000,000	-	8,300,000	-	\$11,300,000
<b>Project total</b>		<b>-</b>	<b>\$3,000,000</b>	<b>-</b>	<b>\$8,300,000</b>	<b>-</b>	<b>\$11,300,000</b>
Capital Reserves		-	3,000,000	-	4,300,000	-	\$7,300,000
Nonprofit Corporation Bonds - Solid Waste		-	-	-	4,000,000	-	\$4,000,000
<b>Funding total</b>		<b>-</b>	<b>\$3,000,000</b>	<b>-</b>	<b>\$8,300,000</b>	<b>-</b>	<b>\$11,300,000</b>
<b>PW16810006</b>	<b>SR 85 – CELL 2 EXCAVATION AND LINING</b>						
Excavate and line Cell 2 at the State Route 85 Landfill.							
						Function: SR 85 Landfill	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		100,000	5,100,000	-	-	100,000	\$5,300,000
<b>Project total</b>		<b>\$100,000</b>	<b>\$5,100,000</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>\$5,300,000</b>
Nonprofit Corporation Bonds - Solid Waste		-	5,100,000	-	-	-	\$5,100,000
Solid Waste		100,000	-	-	-	100,000	\$200,000
<b>Funding total</b>		<b>\$100,000</b>	<b>\$5,100,000</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>	<b>\$5,300,000</b>
<b>PW16810008</b>	<b>SR 85 – GAS MONITORING AND MAINTENANCE</b>						
Monitor and maintain the methane gas systems at the State Route 85 Landfill.							
						Function: SR 85 Landfill	
						Strategic Plan: Technology	
						District: Citywide	
Construction		577,000	585,000	594,000	603,000	612,000	\$2,971,000
<b>Project total</b>		<b>\$577,000</b>	<b>\$585,000</b>	<b>\$594,000</b>	<b>\$603,000</b>	<b>\$612,000</b>	<b>\$2,971,000</b>
Solid Waste		577,000	585,000	594,000	603,000	612,000	\$2,971,000
<b>Funding total</b>		<b>\$577,000</b>	<b>\$585,000</b>	<b>\$594,000</b>	<b>\$603,000</b>	<b>\$612,000</b>	<b>\$2,971,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Solid Waste Disposal**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>PW16810010</b>	<b>SR 85 FIVE-YEAR PLAN</b>						
Complete repair and replacement projects that are larger and more complex than normal maintenance work at the State Route 85 Landfill.							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		191,000	315,994	-	300,000	-	\$806,994
<b>Project total</b>		<b>\$191,000</b>	<b>\$315,994</b>	<b>-</b>	<b>\$300,000</b>	<b>-</b>	<b>\$806,994</b>
Solid Waste		191,000	315,994	-	300,000	-	\$806,994
<b>Funding total</b>		<b>\$191,000</b>	<b>\$315,994</b>	<b>-</b>	<b>\$300,000</b>	<b>-</b>	<b>\$806,994</b>
<b>PW18990005</b>	<b>PUBLIC WORKS MOBILE WORKFORCE MANAGEMENT</b>						
Implement an electronic work order system to increase the efficiencies of solid waste operations and improve customer service.							Function: Other Projects
							Strategic Plan: Technology
							District: Citywide
Construction		1,100,000	-	-	-	-	\$1,100,000
<b>Project total</b>		<b>\$1,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,100,000</b>
Solid Waste		1,100,000	-	-	-	-	\$1,100,000
<b>Funding total</b>		<b>\$1,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,100,000</b>
<b>PW34030073</b>	<b>ENERGY CONSERVATION-SOLID WASTE</b>						
Construct energy conservation projects at various Solid Waste facilities.							Function: Energy Projects
							Strategic Plan: Innovation and Efficiency
							District: Citywide
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
Solid Waste		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
<b>Program total</b>		<b>\$14,836,150</b>	<b>\$29,293,894</b>	<b>\$15,902,000</b>	<b>\$14,615,000</b>	<b>\$7,132,000</b>	<b>\$81,779,044</b>

## Street Transportation and Drainage

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
ADA Compliance	3,600,000	3,600,000	3,600,000	3,600,000	3,600,000	\$18,000,000
Bikeways and Pedestrian Walkways	6,710,426	11,133,686	6,298,000	4,705,000	2,050,000	\$30,897,112
Drainage Channels and Detention Basins	4,290,000	3,090,000	250,000	90,000	90,000	\$7,810,000
Local Drainage Solutions	4,587,000	4,895,000	6,399,000	6,049,000	6,049,000	\$27,979,000
Major Streets and Bridges	56,595,572	57,098,615	41,718,000	47,106,000	49,854,000	\$252,372,187
Major Trunk Storm Sewers	1,510,000	1,603,000	-	-	-	\$3,113,000
Percent for Art	447,935	-	-	-	-	\$447,935
Retrofit	442,000	392,000	392,000	392,000	392,000	\$2,010,000
Stormwater Compliance	250,000	250,000	250,000	250,000	250,000	\$1,250,000
Street Lighting	100,000	100,000	100,000	100,000	100,000	\$500,000
Street Modernization	4,052,595	19,371,494	2,082,000	2,082,000	2,082,000	\$29,670,089
Street Rehabilitation	124,736,410	125,036,000	97,770,784	36,458,926	58,246,000	\$442,248,120
Traffic Calming Improvements	1,966,000	2,266,000	2,266,000	2,266,000	2,266,000	\$11,030,000
Traffic Signal Improvements	11,589,000	11,759,392	8,483,000	9,474,000	7,543,000	\$48,848,392
<b>Total</b>	<b>\$220,876,938</b>	<b>\$240,595,187</b>	<b>\$169,608,784</b>	<b>\$112,572,926</b>	<b>\$132,522,000</b>	<b>\$876,175,835</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Arizona Highway User Revenue	67,141,704	84,907,839	69,944,354	62,094,496	86,897,000	\$370,985,393
Capital Construction	12,669,000	13,361,000	9,491,000	8,981,000	8,981,000	\$53,483,000
Other Restricted	250,000	250,000	250,000	250,000	250,000	\$1,250,000
Transportation 2050	31,410,270	42,422,260	24,109,000	25,353,000	20,660,000	\$143,954,530
<b>Total Operating Funds</b>	<b>\$111,470,974</b>	<b>\$140,941,099</b>	<b>\$103,794,354</b>	<b>\$96,678,496</b>	<b>\$116,788,000</b>	<b>\$569,672,923</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - T2050	75,000,000	75,000,000	50,000,000	-	-	\$200,000,000
<b>Total Bond Funds</b>	<b>\$75,000,000</b>	<b>\$75,000,000</b>	<b>\$50,000,000</b>	<b>-</b>	<b>-</b>	<b>\$200,000,000</b>
<u>Other Capital Funds</u>						
Capital Reserves	144,000	56,000	-	-	-	\$200,000
Federal, State and Other Participation	19,409,809	24,441,088	15,814,430	15,894,430	15,734,000	\$91,293,757
Impact Fees	14,852,155	157,000	-	-	-	\$15,009,155
<b>Total Other Capital Funds</b>	<b>\$34,405,964</b>	<b>\$24,654,088</b>	<b>\$15,814,430</b>	<b>\$15,894,430</b>	<b>\$15,734,000</b>	<b>\$106,502,912</b>
<b>Program Total</b>	<b>\$220,876,938</b>	<b>\$240,595,187</b>	<b>\$169,608,784</b>	<b>\$112,572,926</b>	<b>\$132,522,000</b>	<b>\$876,175,835</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST83110051</b>	<b>75TH AVENUE: SALT RIVER TO PAPAGO FREEWAY STORM SEWER</b>						
Complete major trunk storm sewer.						<b>Function:</b> Major Trunk Storm Sewers	
						<b>Strategic Plan:</b> Infrastructure	
						<b>District:</b> 7	
Design		-	103,000	-	-	-	\$103,000
<b>Project total</b>		-	<b>\$103,000</b>	-	-	-	<b>\$103,000</b>
Arizona Highway User Revenue		-	103,000	-	-	-	\$103,000
<b>Funding total</b>		-	<b>\$103,000</b>	-	-	-	<b>\$103,000</b>
<b>ST83110073</b>	<b>27TH AVENUE AND OLNEY AVENUE STORM DRAIN</b>						
Construct a 72-inch diameter storm drain in Olney Avenue from 24th Drive west to 27th Avenue, then north to the 27th Avenue and South Mountain Avenue regional basin.						<b>Function:</b> Major Trunk Storm Sewers	
						<b>Strategic Plan:</b> Infrastructure	
						<b>District:</b> 7	
Construction		-	1,500,000	-	-	-	\$1,500,000
<b>Project total</b>		-	<b>\$1,500,000</b>	-	-	-	<b>\$1,500,000</b>
Capital Construction		-	1,500,000	-	-	-	\$1,500,000
<b>Funding total</b>		-	<b>\$1,500,000</b>	-	-	-	<b>\$1,500,000</b>
<b>ST83120050</b>	<b>CITYWIDE LEEVE MAINTENANCE PROGRAM</b>						
Remove vegetation in levees located throughout the city per Federal Emergency Management Agency and Arizona Department of Water Resources regulations.						<b>Function:</b> Drainage Channels and Detention Basins	
						<b>Strategic Plan:</b> Infrastructure	
						<b>District:</b> Citywide	
Construction		90,000	90,000	90,000	90,000	90,000	\$450,000
<b>Project total</b>		<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$450,000</b>
Capital Construction		90,000	90,000	90,000	90,000	90,000	\$450,000
<b>Funding total</b>		<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$450,000</b>
<b>ST83120055</b>	<b>LEEVE RECERTIFICATION</b>						
Levee recertification to maintain inventory and reduce the cost of flood insurance on protected properties. Recertification of levees is required every five years.						<b>Function:</b> Drainage Channels and Detention Basins	
						<b>Strategic Plan:</b> Infrastructure	
						<b>District:</b> 1 & 2	
Design		-	-	160,000	-	-	\$160,000
<b>Project total</b>		-	-	<b>\$160,000</b>	-	-	<b>\$160,000</b>
Capital Construction		-	-	160,000	-	-	\$160,000
<b>Funding total</b>		-	-	<b>\$160,000</b>	-	-	<b>\$160,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST83120056</b>	<b>19TH AVENUE AND DOBBINS ROAD DETENTION BASIN</b>						
	Construct a regional detention basin on 5.5 acres at the northeast corner of 19th Avenue and Dobbins Road.						
							<b>Function: Drainage Channels and Detention Basins</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	1,500,000	1,500,000	-	-	-	\$3,000,000
	<b>Project total</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,000,000</b>
	Capital Construction	1,500,000	1,500,000	-	-	-	\$3,000,000
	<b>Funding total</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,000,000</b>
<b>ST83120057</b>	<b>RAWHIDE WASH PROJECT</b>						
	Construct new floodwalls and levees, augmentation of existing floodwalls and levees, and containment facilities in the Rawhide Wash from Pinnacle Peak Road to Happy Valley Road.						
							<b>Function: Drainage Channels and Detention Basins</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	2,700,000	1,500,000	-	-	-	\$4,200,000
	<b>Project total</b>	<b>\$2,700,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,200,000</b>
	Capital Construction	2,700,000	1,500,000	-	-	-	\$4,200,000
	<b>Funding total</b>	<b>\$2,700,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,200,000</b>
<b>ST83130303</b>	<b>DAM SAFETY PROGRAM</b>						
	Design and construct flood control dam safety efforts in various locations.						
							<b>Function: Local Drainage Solutions</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	44,000	44,000	44,000	44,000	44,000	\$220,000
	<b>Project total</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$220,000</b>
	Capital Construction	44,000	44,000	44,000	44,000	44,000	\$220,000
	<b>Funding total</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$44,000</b>	<b>\$220,000</b>
<b>ST83140000</b>	<b>LOCAL DRAINAGE SOLUTIONS</b>						
	Design and implement local drainage improvements.						
							<b>Function: Local Drainage Solutions</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
	<b>Project total</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$10,000,000</b>
	Capital Construction	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
	<b>Funding total</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$10,000,000</b>
<b>ST83140082</b>	<b>EMERGENCY RESPONSE MATERIALS</b>						
	Street Maintenance emergency requests such as sand delivery and pest treatments.						
							<b>Function: Local Drainage Solutions</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	5,000	5,000	5,000	5,000	5,000	\$25,000
	<b>Project total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$25,000</b>
	Capital Construction	5,000	5,000	5,000	5,000	5,000	\$25,000
	<b>Funding total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$25,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST83140083</b>	<b>STORM DRAIN PROJECTS</b>						
Storm water and local drainage projects to be determined.							
						<b>Function: Local Drainage Solutions</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		2,457,000	2,846,000	4,000,000	4,000,000	4,000,000	\$17,303,000
<b>Project total</b>		<b>\$2,457,000</b>	<b>\$2,846,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$17,303,000</b>
Capital Construction		2,457,000	2,846,000	4,000,000	4,000,000	4,000,000	\$17,303,000
<b>Funding total</b>		<b>\$2,457,000</b>	<b>\$2,846,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$17,303,000</b>
<b>ST83140089</b>	<b>DAM SAFETY EMERGENCY ACTION PLAN UPDATE</b>						
Update the Emergency Action Plan for eight dams within City of Phoenix jurisdiction.							
						<b>Function: Local Drainage Solutions</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 3 &amp; 6</b>	
Construction		-	-	2,000	-	-	\$2,000
Design		-	-	348,000	-	-	\$348,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>\$350,000</b>	<b>-</b>	<b>-</b>	<b>\$350,000</b>
Capital Construction		-	-	350,000	-	-	\$350,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>\$350,000</b>	<b>-</b>	<b>-</b>	<b>\$350,000</b>
<b>ST83140097</b>	<b>2201 EAST MONTEROSA STREET</b>						
Connect 233 linear feet of new 18 inch storm drain line on Monterosa Street and 583 linear feet of new 18 inch storm drain line on 22nd Street that will drain to an existing 24 inch storm drain system on Indian School Road.							
						<b>Function: Local Drainage Solutions</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 4</b>	
Construction		81,000	-	-	-	-	\$81,000
<b>Project total</b>		<b>\$81,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$81,000</b>
Capital Construction		81,000	-	-	-	-	\$81,000
<b>Funding total</b>		<b>\$81,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$81,000</b>
<b>ST83160002</b>	<b>STORM DRAIN FACILITIES IMPACT FEE CONTINGENCY</b>						
Provide available funding for storm drainage in impact fee areas as projects are identified.							
						<b>Function: Major Trunk Storm Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		1,510,000	-	-	-	-	\$1,510,000
<b>Project total</b>		<b>\$1,510,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,510,000</b>
Impact Fees		1,510,000	-	-	-	-	\$1,510,000
<b>Funding total</b>		<b>\$1,510,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,510,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100004</b>	<b>RAILROAD CROSSING IMPROVEMENTS</b>						
Design and construct improvements at railroad crossings.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		55,000	55,000	55,000	55,000	55,000	\$275,000
<b>Project total</b>		<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$275,000</b>
Arizona Highway User Revenue		55,000	55,000	55,000	55,000	55,000	\$275,000
<b>Funding total</b>		<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$275,000</b>
<b>ST85100121</b>	<b>LAND PURCHASE</b>						
Design and acquire right-of-way for small projects.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Land Acquisition		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
Arizona Highway User Revenue		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
<b>ST85100131</b>	<b>UNDETERMINED MAJOR STREETS</b>						
Construct streets yet to be determined.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		2,850,000	10,513,000	18,000,000	22,000,000	25,000,000	\$78,363,000
<b>Project total</b>		<b>\$2,850,000</b>	<b>\$10,513,000</b>	<b>\$18,000,000</b>	<b>\$22,000,000</b>	<b>\$25,000,000</b>	<b>\$78,363,000</b>
Arizona Highway User Revenue		-	8,513,000	16,000,000	20,000,000	23,000,000	\$67,513,000
Capital Construction		2,850,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,850,000
<b>Funding total</b>		<b>\$2,850,000</b>	<b>\$10,513,000</b>	<b>\$18,000,000</b>	<b>\$22,000,000</b>	<b>\$25,000,000</b>	<b>\$78,363,000</b>
<b>ST85100155</b>	<b>PURCHASE OF STREET SWEEPERS</b>						
Provide for purchase and make-ready charges for street sweepers.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		530,000	530,000	530,000	530,000	529,000	\$2,649,000
<b>Project total</b>		<b>\$530,000</b>	<b>\$530,000</b>	<b>\$530,000</b>	<b>\$530,000</b>	<b>\$529,000</b>	<b>\$2,649,000</b>
Arizona Highway User Revenue		49,070	49,070	49,070	49,070	49,000	\$245,280
Federal, State and Other Participation		480,930	480,930	480,930	480,930	480,000	\$2,403,720
<b>Funding total</b>		<b>\$530,000</b>	<b>\$530,000</b>	<b>\$530,000</b>	<b>\$530,000</b>	<b>\$529,000</b>	<b>\$2,649,000</b>
<b>ST85100198</b>	<b>27TH AVENUE AND THOMAS ROAD RAILROAD CROSSINGS</b>						
Improve railroad crossings at 27th Avenue and Thomas Road.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 4 &amp; 7</b>					
Construction		-	526,503	-	-	-	\$526,503
<b>Project total</b>		<b>-</b>	<b>\$526,503</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$526,503</b>
Arizona Highway User Revenue		-	76,176	-	-	-	\$76,176
Federal, State and Other Participation		-	450,327	-	-	-	\$450,327
<b>Funding total</b>		<b>-</b>	<b>\$526,503</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$526,503</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100270</b>	<b>IMPACT FEE PROJECTS</b>						
Complete major street projects in impact fee areas.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		13,342,155	-	-	-	-	\$13,342,155
<b>Project total</b>		<b>\$13,342,155</b>	-	-	-	-	<b>\$13,342,155</b>
Impact Fees		13,342,155	-	-	-	-	\$13,342,155
<b>Funding total</b>		<b>\$13,342,155</b>	-	-	-	-	<b>\$13,342,155</b>
<b>ST85100339</b>	<b>35TH AVENUE RAILROAD IMPROVEMENTS</b>						
Acquire right-of-way and construct concrete approach slabs, median island, curb, gutter and sidewalk at Union Pacific railroad crossing north of Harrison.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 7</b>					
Construction		-	216,294	-	-	-	\$216,294
<b>Project total</b>		-	<b>\$216,294</b>	-	-	-	<b>\$216,294</b>
Arizona Highway User Revenue		-	57,593	-	-	-	\$57,593
Federal, State and Other Participation		-	158,701	-	-	-	\$158,701
<b>Funding total</b>		-	<b>\$216,294</b>	-	-	-	<b>\$216,294</b>
<b>ST85100368</b>	<b>T2050 PROJECT AND CONSTRUCTION MANAGEMENT</b>						
Provide consultant services to assist city staff with T2050 project review, implementation and tracking.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		540,000	540,000	540,000	540,000	540,000	\$2,700,000
<b>Project total</b>		<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$2,700,000</b>
Transportation 2050		540,000	540,000	540,000	540,000	540,000	\$2,700,000
<b>Funding total</b>		<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$540,000</b>	<b>\$2,700,000</b>
<b>ST85100373</b>	<b>SOUTH MOUNTAIN FREEWAY COORDINATION</b>						
Provide assistance to city, state and federal agencies for construction of the South Mountain Freeway (Loop 202).							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 4, 6, 7 &amp; 8</b>					
Construction		350,000	-	-	-	-	\$350,000
<b>Project total</b>		<b>\$350,000</b>	-	-	-	-	<b>\$350,000</b>
Federal, State and Other Participation		350,000	-	-	-	-	\$350,000
<b>Funding total</b>		<b>\$350,000</b>	-	-	-	-	<b>\$350,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100396</b>	<b>VAN BUREN STREET: 7TH STREET TO 24TH STREET</b>						
	Design and construct street improvements to include milling, ADA ramps, truncated domes, decorative concrete median, sign posts, re-striping, pedestrian improvements of sight furnishings/light fixture upgrades and sidewalk improvements.						
							<b>District: 8</b>
	Construction	290,000	5,596,000	-	-	-	\$5,886,000
	<b>Project total</b>	<b>\$290,000</b>	<b>\$5,596,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,886,000</b>
	Arizona Highway User Revenue	290,000	3,285,000	-	-	-	\$3,575,000
	Federal, State and Other Participation	-	2,311,000	-	-	-	\$2,311,000
	<b>Funding total</b>	<b>\$290,000</b>	<b>\$5,596,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,886,000</b>
<b>ST85100400</b>	<b>PINNACLE PEAK ROAD: 35TH AVENUE TO 45TH AVENUE</b>						
	Construct street improvements including pavement rehabilitation and bike lane addition. South side improvements include landscaping, street lighting, curb and gutter, sidewalks and intersection improvements.						
							<b>District: 1</b>
	Construction	1,500,000	-	-	-	-	\$1,500,000
	<b>Project total</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>
	Arizona Highway User Revenue	1,500,000	-	-	-	-	\$1,500,000
	<b>Funding total</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>
<b>ST85100403</b>	<b>PINNACLE PEAK ROAD: CENTRAL AVENUE TO 7TH STREET</b>						
	Construct street improvements on the north side to include paving, curb, gutter, sidewalk, overlay, traffic signals, ADA ramps, driveway entrances, street lights, manhole adjustments, clearing and grubbing, and fire hydrant relocations.						
							<b>District: 2</b>
	Construction	-	-	-	-	2,212,000	\$2,212,000
	Design	-	-	-	537,000	-	\$537,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$537,000</b>	<b>\$2,212,000</b>	<b>\$2,749,000</b>
	Arizona Highway User Revenue	-	-	-	537,000	2,212,000	\$2,749,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$537,000</b>	<b>\$2,212,000</b>	<b>\$2,749,000</b>
<b>ST85100408</b>	<b>43RD AVENUE: VIRGINIA AVENUE TO GRAND CANAL CROSSING</b>						
	Construct street Improvements to include adding a turn lane and bus bay, reconstructing sidewalks and installing a HAWK crossing at Grand Canal.						
							<b>District: 4</b>
	Construction	2,271,000	-	-	-	-	\$2,271,000
	<b>Project total</b>	<b>\$2,271,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,271,000</b>
	Transportation 2050	2,271,000	-	-	-	-	\$2,271,000
	<b>Funding total</b>	<b>\$2,271,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,271,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100409</b>	<b>BUCKEYE ROAD: 67TH AVENUE TO 59TH AVENUE</b>						
	Construct street improvements to include roadway widening, drainage improvements, a HAWK crossing, bike lanes, new street lighting, curb, gutter and sidewalks, multi-use trail and ADA improvements.						
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	176,335	7,912,000	-	-	-	\$8,088,335
	Design	299,000	-	-	-	-	\$299,000
	Land Acquisition	1,749,000	-	-	-	-	\$1,749,000
	<b>Project total</b>	<b>\$2,224,335</b>	<b>\$7,912,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,136,335</b>
	Impact Fees	-	157,000	-	-	-	\$157,000
	Transportation 2050	2,224,335	7,755,000	-	-	-	\$9,979,335
	<b>Funding total</b>	<b>\$2,224,335</b>	<b>\$7,912,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,136,335</b>
<b>ST85100410</b>	<b>43RD AVENUE: MCDOWELL ROAD TO VIRGINIA AVENUE</b>						
	Construct street Improvements to include installing concrete medians and adding/removing lanes.						
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	3,676,000	-	-	-	-	\$3,676,000
	<b>Project total</b>	<b>\$3,676,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,676,000</b>
	Transportation 2050	3,676,000	-	-	-	-	\$3,676,000
	<b>Funding total</b>	<b>\$3,676,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,676,000</b>
<b>ST85100411</b>	<b>LOWER BUCKEYE ROAD: 27TH AVENUE TO 19TH AVENUE</b>						
	Rebuild the north side of Lower Buckeye Road from 27th Avenue to 19th Avenue to include pedestrian and ADA upgrades.						
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	8,544,000	-	-	-	\$8,544,000
	<b>Project total</b>	<b>-</b>	<b>\$8,544,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,544,000</b>
	Transportation 2050	-	8,544,000	-	-	-	\$8,544,000
	<b>Funding total</b>	<b>-</b>	<b>\$8,544,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,544,000</b>
<b>ST85100415</b>	<b>BASELINE ROAD: 46TH AVENUE TO 43RD AVENUE</b>						
	Construct roadway improvements including undergrounding powerlines, relocating irrigation ditches, roadway widening, ADA and drainage improvements, new bus shelters, streetlights, traffic signals, bicycle lanes, landscaping, curb, gutter and sidewalks.						
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Construction	168,000	-	-	1,534,000	-	\$1,702,000
	Design	178,000	-	-	-	-	\$178,000
	Land Acquisition	-	23,000	-	-	-	\$23,000
	<b>Project total</b>	<b>\$346,000</b>	<b>\$23,000</b>	<b>-</b>	<b>\$1,534,000</b>	<b>-</b>	<b>\$1,903,000</b>
	Transportation 2050	346,000	23,000	-	1,534,000	-	\$1,903,000
	<b>Funding total</b>	<b>\$346,000</b>	<b>\$23,000</b>	<b>-</b>	<b>\$1,534,000</b>	<b>-</b>	<b>\$1,903,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100416</b>	<b>35TH AVENUE: GLENDALE AVENUE TO BETHANY HOME ROAD</b>						
	Construct intersection improvements to enhance sight distance for permissive left turns, potentially modify traffic signal phasing and upgrade missing concrete curb ramps or non-ADA compliant ramps.						
	<b>Function: Major Streets and Bridges</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: 5</b>						
Construction		-	106,000	932,000	-	-	\$1,038,000
Design		-	107,000	-	-	-	\$107,000
<b>Project total</b>		<b>-</b>	<b>\$213,000</b>	<b>\$932,000</b>	<b>-</b>	<b>-</b>	<b>\$1,145,000</b>
Transportation 2050		-	213,000	932,000	-	-	\$1,145,000
<b>Funding total</b>		<b>-</b>	<b>\$213,000</b>	<b>\$932,000</b>	<b>-</b>	<b>-</b>	<b>\$1,145,000</b>
<b>ST85100417</b>	<b>35TH AVENUE: BETHANY HOME ROAD TO CAMELBACK ROAD</b>						
	Construct drainage improvements, bus bays/pads, add curb, gutter and sidewalks, new sidewalks and curb ramps where non-ADA compliant, continuous 6 foot wide bike lanes, and landscaping.						
	<b>Function: Major Streets and Bridges</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: 5</b>						
Construction		1,090,000	-	-	-	-	\$1,090,000
<b>Project total</b>		<b>\$1,090,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,090,000</b>
Transportation 2050		1,090,000	-	-	-	-	\$1,090,000
<b>Funding total</b>		<b>\$1,090,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,090,000</b>
<b>ST85100418</b>	<b>43RD AVENUE: GREENWAY ROAD TO GLENDALE AVENUE – PHASE 1</b>						
	Re-stripe eastern and western legs of the intersection at Greenway Road to a left-turn, two through lanes and a right-turn configuration. Add a northbound right-turn pocket at Northern Avenue and a southbound bus bay south of Northern Avenue.						
	<b>Function: Major Streets and Bridges</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: 1</b>						
Construction		-	-	36,000	-	-	\$36,000
Design		-	-	39,000	-	-	\$39,000
Land Acquisition		-	-	-	63,000	-	\$63,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>\$75,000</b>	<b>\$63,000</b>	<b>-</b>	<b>\$138,000</b>
Transportation 2050		-	-	75,000	63,000	-	\$138,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>\$75,000</b>	<b>\$63,000</b>	<b>-</b>	<b>\$138,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100419</b>	<b>43RD AVENUE: GLENDALE AVENUE TO GRAND CANAL – PHASE 1</b>						
	Install guide signs at the intersection of Camelback Road on the southern leg and raised pavement markers on east leg of the Bethany Home Road intersection. Remove the frontage road east of 43rd Avenue between Maryland Avenue and McLellan Boulevard.						
							<b>District: 4 &amp; 5</b>
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
Construction		-	-	34,000	329,000	-	\$363,000
Design		-	-	36,000	-	-	\$36,000
<b>Project total</b>		-	-	<b>\$70,000</b>	<b>\$329,000</b>	-	<b>\$399,000</b>
Transportation 2050		-	-	70,000	329,000	-	\$399,000
<b>Funding total</b>		-	-	<b>\$70,000</b>	<b>\$329,000</b>	-	<b>\$399,000</b>
<b>ST85100428</b>	<b>T2050 LOWER BUCKEYE ROAD: 71ST AVENUE TO 67TH AVENUE</b>						
	Provide funding to Maricopa County for improvements to the existing roadway, including an additional eastbound and westbound through lane, bicycle lanes, a center median, sidewalks, curb and gutter, landscaping and traffic signals.						
							<b>District: 7</b>
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
Construction		2,500,000	-	-	-	-	\$2,500,000
<b>Project total</b>		<b>\$2,500,000</b>	-	-	-	-	<b>\$2,500,000</b>
Transportation 2050		2,500,000	-	-	-	-	\$2,500,000
<b>Funding total</b>		<b>\$2,500,000</b>	-	-	-	-	<b>\$2,500,000</b>
<b>ST85100433</b>	<b>COUNCIL &amp; CITIZEN REQUESTS</b>						
	Fund various in-year requests by council and citizens.						
							<b>District: Citywide</b>
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
Construction		3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	\$15,000,000
<b>Project total</b>		<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$15,000,000</b>
Arizona Highway User Revenue		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$12,500,000
Capital Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>Funding total</b>		<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$15,000,000</b>
<b>ST85100434</b>	<b>FACILITY IMPROVEMENTS</b>						
	Improve and maintain various Street Transportation Department facilities.						
							<b>District: Citywide</b>
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
Construction		300,000	300,000	300,000	300,000	300,000	\$1,500,000
<b>Project total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>
Arizona Highway User Revenue		300,000	300,000	300,000	300,000	300,000	\$1,500,000
<b>Funding total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85100435</b>	<b>31ST STREET: THUNDERBIRD ROAD TO HEARN ROAD</b>						
Construct improvements including paving, curb, gutter, sidewalk, ADA ramps, signage, street light upgrades, driveway entrances and drainage.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 3</b>					
Construction		-	2,087,000	-	-	-	\$2,087,000
Design		470,000	-	-	-	-	\$470,000
<b>Project total</b>		<b>\$470,000</b>	<b>\$2,087,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,557,000</b>
Arizona Highway User Revenue		470,000	2,087,000	-	-	-	\$2,557,000
<b>Funding total</b>		<b>\$470,000</b>	<b>\$2,087,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,557,000</b>
<b>ST85110009</b>	<b>BRIDGE INSPECTION PROGRAM</b>						
Inspect all bridges citywide.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		517,000	517,000	517,000	517,000	517,000	\$2,585,000
<b>Project total</b>		<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$2,585,000</b>
Arizona Highway User Revenue		517,000	517,000	517,000	517,000	517,000	\$2,585,000
<b>Funding total</b>		<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$517,000</b>	<b>\$2,585,000</b>
<b>ST85110011</b>	<b>BRIDGE REHABILITATION</b>						
Rehabilitate bridges as required by the Bridge Rehabilitation Program.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		600,000	600,000	600,000	600,000	600,000	\$3,000,000
<b>Project total</b>		<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,000,000</b>
Arizona Highway User Revenue		600,000	600,000	600,000	600,000	600,000	\$3,000,000
<b>Funding total</b>		<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,000,000</b>
<b>ST85110072</b>	<b>RIVERVIEW DRIVE: BRIDGE BETWEEN 18TH STREET AND 22ND STREET</b>						
Construct a bridge on Riverview Drive between 18th Street and 22nd Street.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 8</b>					
Construction		349,284	-	-	-	-	\$349,284
<b>Project total</b>		<b>\$349,284</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$349,284</b>
Arizona Highway User Revenue		349,284	-	-	-	-	\$349,284
<b>Funding total</b>		<b>\$349,284</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$349,284</b>
<b>ST85110091</b>	<b>GUARDRAIL AND BARRIER PROGRAM</b>						
Install and repair guardrails and barriers as needed.							
		<b>Function: Major Streets and Bridges</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		160,000	160,000	160,000	160,000	160,000	\$800,000
<b>Project total</b>		<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$800,000</b>
Capital Construction		160,000	160,000	160,000	160,000	160,000	\$800,000
<b>Funding total</b>		<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$800,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85110134</b>	<b>VALLEY METRO BRIDGE INSPECTION</b>						
	Under an intergovernmental agreement, inspect bridges owned and operated by Valley Metro Rail.						
							Function: Major Streets and Bridges Strategic Plan: Infrastructure District: Citywide
	Design	71,308	-	-	-	-	\$71,308
	<b>Project total</b>	<b>\$71,308</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$71,308</b>
	Federal, State and Other Participation	71,308	-	-	-	-	\$71,308
	<b>Funding total</b>	<b>\$71,308</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$71,308</b>
<b>ST85110141</b>	<b>24TH STREET AND GRAND CANAL BRIDGE</b>						
	Replace the 24th Street bridge at Grand Canal.						
							Function: Major Streets and Bridges Strategic Plan: Infrastructure District: 8
	Construction	4,986,000	-	-	-	-	\$4,986,000
	<b>Project total</b>	<b>\$4,986,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,986,000</b>
	Arizona Highway User Revenue	4,986,000	-	-	-	-	\$4,986,000
	<b>Funding total</b>	<b>\$4,986,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,986,000</b>
<b>ST85110146</b>	<b>AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS BRIDGE SOFTWARE LICENSE</b>						
	Fund the annual renewal of bridge management software that collects and stores bridge inspection data for Federal reporting and facilitates the most cost-effective options for bridge preservation, rehabilitation and replacement.						
							Function: Major Streets and Bridges Strategic Plan: Infrastructure District: Citywide
	Construction	40,000	42,000	44,000	46,000	46,000	\$218,000
	<b>Project total</b>	<b>\$40,000</b>	<b>\$42,000</b>	<b>\$44,000</b>	<b>\$46,000</b>	<b>\$46,000</b>	<b>\$218,000</b>
	Arizona Highway User Revenue	40,000	42,000	44,000	46,000	46,000	\$218,000
	<b>Funding total</b>	<b>\$40,000</b>	<b>\$42,000</b>	<b>\$44,000</b>	<b>\$46,000</b>	<b>\$46,000</b>	<b>\$218,000</b>
<b>ST85110151</b>	<b>BRIDGE PROJECT ASSESSMENTS</b>						
	Assess bridges that require additional studies due to deficiencies encountered during inspections. The assessment will provide the criteria necessary to address and/or eliminate the deficiencies and provide a cost range.						
							Function: Major Streets and Bridges Strategic Plan: Infrastructure District: Citywide
	Design	300,000	300,000	300,000	300,000	300,000	\$1,500,000
	<b>Project total</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>
	Arizona Highway User Revenue	300,000	300,000	300,000	300,000	300,000	\$1,500,000
	<b>Funding total</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$1,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST85110155</b>	<b>24TH STREET AND HIGHLINE CANAL BRIDGE RELOCATION</b>						
	Relocate the 24th Street pedestrian bridge crossing Highline Canal.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure District: 7 & 8
Construction		78,700	-	-	-	-	\$78,700
<b>Project total</b>		<b>\$78,700</b>	-	-	-	-	<b>\$78,700</b>
Federal, State and Other Participation		78,700	-	-	-	-	\$78,700
<b>Funding total</b>		<b>\$78,700</b>	-	-	-	-	<b>\$78,700</b>
<b>ST85140003</b>	<b>RIGHT-OF-WAY ACQUISITION AND PREDESIGN</b>						
	Acquire right-of-way and develop conceptual plans for future major street projects.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure District: Citywide
Construction		575,000	575,000	575,000	575,000	625,000	\$2,925,000
Design		50,000	50,000	50,000	50,000	-	\$200,000
<b>Project total</b>		<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$3,125,000</b>
Arizona Highway User Revenue		575,000	575,000	575,000	575,000	575,000	\$2,875,000
Capital Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$3,125,000</b>
<b>ST85140010</b>	<b>STREETS ENTERPRISE TECHNICAL DEVELOPMENT</b>						
	Fund technical and program development for critical Street Transportation Department systems to include GIS and other computer applications.						
							Function: Major Streets and Bridges
							Strategic Plan: Technology District: Citywide
Construction		870,000	870,000	870,000	870,000	870,000	\$4,350,000
<b>Project total</b>		<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$4,350,000</b>
Arizona Highway User Revenue		540,000	540,000	540,000	540,000	540,000	\$2,700,000
Transportation 2050		330,000	330,000	330,000	330,000	330,000	\$1,650,000
<b>Funding total</b>		<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$870,000</b>	<b>\$4,350,000</b>
<b>ST85140012</b>	<b>ENGINEERING AND ARCHITECTURAL SERVICES – ANNUAL SERVICES</b>						
	Provide for the cost of administrating engineering and architectural services.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure District: Citywide
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
Arizona Highway User Revenue		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>ST85140046</b>	<b>ADVANCE FEDERAL AID PROJECT FUNDS</b>						
City, state, county and federal funds to assist in funding of cost-share projects not yet identified.							
<b>Function: Major Streets and Bridges</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		12,163,790	13,428,818	14,600,000	14,600,000	14,600,000	\$69,392,608
<b>Project total</b>		<b>\$12,163,790</b>	<b>\$13,428,818</b>	<b>\$14,600,000</b>	<b>\$14,600,000</b>	<b>\$14,600,000</b>	<b>\$69,392,608</b>
Arizona Highway User Revenue		39,000	390,000	600,000	600,000	600,000	\$2,229,000
Federal, State and Other Participation		12,124,790	13,038,818	14,000,000	14,000,000	14,000,000	\$67,163,608
<b>Funding total</b>		<b>\$12,163,790</b>	<b>\$13,428,818</b>	<b>\$14,600,000</b>	<b>\$14,600,000</b>	<b>\$14,600,000</b>	<b>\$69,392,608</b>
<b>ST85160001</b>	<b>STREET LIGHTING</b>						
Install street lighting on major street projects.							
<b>Function: Street Lighting</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Project total</b>		<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
Arizona Highway User Revenue		100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Funding total</b>		<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
<b>ST85170001</b>	<b>LANDSCAPE RETROFIT PROGRAM</b>						
Retrofit landscaping on existing major streets.							
<b>Function: Retrofit</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		50,000	-	-	-	-	\$50,000
<b>Project total</b>		<b>\$50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>
Arizona Highway User Revenue		50,000	-	-	-	-	\$50,000
<b>Funding total</b>		<b>\$50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>
<b>ST85170107</b>	<b>CITYWIDE RIGHT-OF-WAY TREE REPLACEMENT</b>						
Replace trees removed from the City's right-of-way due to storms, accidents or other incidents.							
<b>Function: Retrofit</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		392,000	392,000	392,000	392,000	392,000	\$1,960,000
<b>Project total</b>		<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$1,960,000</b>
Arizona Highway User Revenue		392,000	392,000	392,000	392,000	392,000	\$1,960,000
<b>Funding total</b>		<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$392,000</b>	<b>\$1,960,000</b>
<b>ST87100101</b>	<b>MAG SPECIFICATIONS PROJECTS</b>						
Fund updates to construction materials and design manuals to reflect changes in MAG standard specifications.							
<b>Function: Street Modernization</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		32,000	32,000	32,000	32,000	32,000	\$160,000
<b>Project total</b>		<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$160,000</b>
Capital Construction		32,000	32,000	32,000	32,000	32,000	\$160,000
<b>Funding total</b>		<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$32,000</b>	<b>\$160,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87100162</b>	<b>3RD STREET: MCDOWELL ROAD TO INDIAN SCHOOL ROAD (ECONOMIC DEVELOPMENT SUPPORT PROJECT)</b>						
	Design and acquire land for road improvements along 3rd Street from McDowell Road to Indian School Road.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
Construction		-	8,064,000	-	-	-	\$8,064,000
<b>Project total</b>		-	<b>\$8,064,000</b>	-	-	-	<b>\$8,064,000</b>
Arizona Highway User Revenue		-	7,914,000	-	-	-	\$7,914,000
Federal, State and Other Participation		-	150,000	-	-	-	\$150,000
<b>Funding total</b>		-	<b>\$8,064,000</b>	-	-	-	<b>\$8,064,000</b>
<b>ST87100164</b>	<b>3RD AVENUE TO 5TH AVENUE: MCDOWELL ROAD TO WASHINGTON STREET</b>						
	Convert 3rd Avenue and 5th Avenue from one-way to two-way streets between McDowell Road and Washington Street.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		-	6,838,000	-	-	-	\$6,838,000
<b>Project total</b>		-	<b>\$6,838,000</b>	-	-	-	<b>\$6,838,000</b>
Arizona Highway User Revenue		-	6,838,000	-	-	-	\$6,838,000
<b>Funding total</b>		-	<b>\$6,838,000</b>	-	-	-	<b>\$6,838,000</b>
<b>ST87100169</b>	<b>ROESER ROAD: 32ND STREET TO 37TH STREET</b>						
	Construct street improvements to include bicycle and pedestrian improvements.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		1,528,595	-	-	-	-	\$1,528,595
<b>Project total</b>		<b>\$1,528,595</b>	-	-	-	-	<b>\$1,528,595</b>
Arizona Highway User Revenue		734,000	-	-	-	-	\$734,000
Federal, State and Other Participation		794,595	-	-	-	-	\$794,595
<b>Funding total</b>		<b>\$1,528,595</b>	-	-	-	-	<b>\$1,528,595</b>
<b>ST87110000</b>	<b>STREET MODERNIZATION</b>						
	Construct local and collector streets to modern standards with curb, gutter, sidewalks and street lighting.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		948,000	-	1,000,000	1,000,000	1,000,000	\$3,948,000
<b>Project total</b>		<b>\$948,000</b>	-	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,948,000</b>
Arizona Highway User Revenue		948,000	-	1,000,000	1,000,000	1,000,000	\$3,948,000
<b>Funding total</b>		<b>\$948,000</b>	-	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,948,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87110154</b>	<b>7TH AVENUE: MOUNTAIN VIEW ROAD TO CHERYL DRIVE</b>						
	Install ADA ramps, paving, gutter, bike lane striping, asphalt removal, sidewalk, and street light relocation/removal.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 3</b>
	Construction	126,000	1,460,000	-	-	-	\$1,586,000
	Design	175,000	-	-	-	-	\$175,000
	<b>Project total</b>	<b>\$301,000</b>	<b>\$1,460,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,761,000</b>
	Arizona Highway User Revenue	301,000	1,460,000	-	-	-	\$1,761,000
	<b>Funding total</b>	<b>\$301,000</b>	<b>\$1,460,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,761,000</b>
<b>ST87110155</b>	<b>EARLL DRIVE: 50TH STREET TO 52ND STREET</b>						
	Construct potential dual ramp modifications, paving, vertical curb, gutter, 4-inch sidewalk, driveway entrances, 3-inch walk-behinds, an alley entrance, hedge removal or trimming back, irrigation installation, traffic sign and irrigation relocations.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	625,000	-	-	-	-	\$625,000
	<b>Project total</b>	<b>\$625,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$625,000</b>
	Arizona Highway User Revenue	625,000	-	-	-	-	\$625,000
	<b>Funding total</b>	<b>\$625,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$625,000</b>
<b>ST87210021</b>	<b>19TH AVENUE: VAN BUREN STREET TO FILLMORE STREET</b>						
	Construct improvements related to curb, gutter, sidewalks, ADA ramps, retaining wall, and manhole adjustments.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	112,000	-	-	-	-	\$112,000
	Design	50,000	-	-	-	-	\$50,000
	<b>Project total</b>	<b>\$162,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$162,000</b>
	Transportation 2050	162,000	-	-	-	-	\$162,000
	<b>Funding total</b>	<b>\$162,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$162,000</b>
<b>ST87210022</b>	<b>AREA BOUNDED BY CAVE CREEK ROAD, 26TH STREET, ANGELA DRIVE AND MARCO POLO ROAD</b>						
	Install ADA ramps, paving, curb, gutter, sidewalk, driveway entrances, fire hydrant relocations, street light and power pole relocations, striping, storm drain pipe and tree removal.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	100,000	6,098,000	-	-	-	\$6,198,000
	Design	50,000	-	-	-	-	\$50,000
	Land Acquisition	90,000	-	-	-	-	\$90,000
	<b>Project total</b>	<b>\$240,000</b>	<b>\$6,098,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,338,000</b>
	Transportation 2050	240,000	6,098,000	-	-	-	\$6,338,000
	<b>Funding total</b>	<b>\$240,000</b>	<b>\$6,098,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,338,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87210023</b>	<b>7TH AVENUE: 800 FEET SOUTH OF ROESER ROAD</b>						
	Install ADA ramps, paving, curb, gutter and sidewalk, and relocate traffic signal.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	65,000	14,000	358,000	-	-	\$437,000
	Design	140,000	-	-	-	-	\$140,000
	Land Acquisition	-	18,000	-	-	-	\$18,000
	<b>Project total</b>	<b>\$205,000</b>	<b>\$32,000</b>	<b>\$358,000</b>	<b>-</b>	<b>-</b>	<b>\$595,000</b>
	Transportation 2050	205,000	32,000	358,000	-	-	\$595,000
	<b>Funding total</b>	<b>\$205,000</b>	<b>\$32,000</b>	<b>\$358,000</b>	<b>-</b>	<b>-</b>	<b>\$595,000</b>
<b>ST87210024</b>	<b>7TH AVENUE: 800 FEET SOUTH OF SUNLAND AVENUE</b>						
	Install ADA ramps, paving, curb, gutter and sidewalk.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	48,000	-	288,000	-	-	\$336,000
	Design	131,000	-	-	-	-	\$131,000
	<b>Project total</b>	<b>\$179,000</b>	<b>-</b>	<b>\$288,000</b>	<b>-</b>	<b>-</b>	<b>\$467,000</b>
	Transportation 2050	179,000	-	288,000	-	-	\$467,000
	<b>Funding total</b>	<b>\$179,000</b>	<b>-</b>	<b>\$288,000</b>	<b>-</b>	<b>-</b>	<b>\$467,000</b>
<b>ST87210025</b>	<b>7TH AVENUE: 800 FEET SOUTH OF TAMARISK STREET</b>						
	Install ADA ramps, paving, curb, gutter, sidewalk and catch basin inlet pipe.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	18,000	-	82,000	-	-	\$100,000
	Design	10,000	-	-	-	-	\$10,000
	<b>Project total</b>	<b>\$28,000</b>	<b>-</b>	<b>\$82,000</b>	<b>-</b>	<b>-</b>	<b>\$110,000</b>
	Transportation 2050	28,000	-	82,000	-	-	\$110,000
	<b>Funding total</b>	<b>\$28,000</b>	<b>-</b>	<b>\$82,000</b>	<b>-</b>	<b>-</b>	<b>\$110,000</b>
<b>ST87210026</b>	<b>BUCKEYE ROAD: 170 FEET WEST OF 29TH AVENUE</b>						
	Install ADA ramps and sidewalk, and relocate power poles.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	15,000	-	48,000	-	-	\$63,000
	Design	20,000	-	-	-	-	\$20,000
	Land Acquisition	-	22,000	-	-	-	\$22,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$22,000</b>	<b>\$48,000</b>	<b>-</b>	<b>-</b>	<b>\$105,000</b>
	Transportation 2050	35,000	22,000	48,000	-	-	\$105,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$22,000</b>	<b>\$48,000</b>	<b>-</b>	<b>-</b>	<b>\$105,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87210027</b>	<b>16TH STREET: EUCLID AVENUE TO SOUTH MOUNTAIN AVENUE</b>						
	Function: Bikeways and Pedestrian Walkways						
	Install ADA ramps, paving, curb, gutter, driveway entrances, 3-inch walk-behinds, striping, street lighting and sidewalk, and relocate fire hydrants.						
	Strategic Plan: Infrastructure						
	District: 8						
Construction		-	95,000	850,000	-	-	\$945,000
Design		-	99,000	-	-	-	\$99,000
Land Acquisition		-	3,000	-	-	-	\$3,000
<b>Project total</b>		<b>-</b>	<b>\$197,000</b>	<b>\$850,000</b>	<b>-</b>	<b>-</b>	<b>\$1,047,000</b>
Transportation 2050		-	197,000	850,000	-	-	\$1,047,000
<b>Funding total</b>		<b>-</b>	<b>\$197,000</b>	<b>\$850,000</b>	<b>-</b>	<b>-</b>	<b>\$1,047,000</b>
<b>ST87210028</b>	<b>16TH STREET: DOBBINS ROAD TO EUCLID AVENUE</b>						
	Function: Bikeways and Pedestrian Walkways						
	Install ADA ramps, paving, curb, gutter, alley entrance, driveway entrances, 3-inch walk-behinds, striping and sidewalk.						
	Strategic Plan: Infrastructure						
	District: 8						
Construction		-	63,000	475,000	-	-	\$538,000
Design		-	60,000	-	-	-	\$60,000
<b>Project total</b>		<b>-</b>	<b>\$123,000</b>	<b>\$475,000</b>	<b>-</b>	<b>-</b>	<b>\$598,000</b>
Transportation 2050		-	123,000	475,000	-	-	\$598,000
<b>Funding total</b>		<b>-</b>	<b>\$123,000</b>	<b>\$475,000</b>	<b>-</b>	<b>-</b>	<b>\$598,000</b>
<b>ST87210029</b>	<b>BUCKEYE ROAD: 135 FEET WEST OF 33RD AVENUE</b>						
	Function: Bikeways and Pedestrian Walkways						
	Install driveway entrances, 3 inch walk-behinds and sidewalk.						
	Strategic Plan: Infrastructure						
	District: 7						
Construction		14,000	-	39,000	-	-	\$53,000
Design		10,000	-	-	-	-	\$10,000
Land Acquisition		-	21,000	-	-	-	\$21,000
<b>Project total</b>		<b>\$24,000</b>	<b>\$21,000</b>	<b>\$39,000</b>	<b>-</b>	<b>-</b>	<b>\$84,000</b>
Transportation 2050		24,000	21,000	39,000	-	-	\$84,000
<b>Funding total</b>		<b>\$24,000</b>	<b>\$21,000</b>	<b>\$39,000</b>	<b>-</b>	<b>-</b>	<b>\$84,000</b>
<b>ST87210031</b>	<b>27TH STREET AND ROOSEVELT STREET</b>						
	Function: Bikeways and Pedestrian Walkways						
	Install ADA ramps, sidewalk, 3-inch walk-behinds and block wall, and relocate street lights.						
	Strategic Plan: Infrastructure						
	District: 8						
Construction		-	27,000	116,000	-	-	\$143,000
Design		-	47,000	20,000	-	-	\$67,000
Land Acquisition		-	21,000	-	-	-	\$21,000
<b>Project total</b>		<b>-</b>	<b>\$95,000</b>	<b>\$136,000</b>	<b>-</b>	<b>-</b>	<b>\$231,000</b>
Transportation 2050		-	95,000	136,000	-	-	\$231,000
<b>Funding total</b>		<b>-</b>	<b>\$95,000</b>	<b>\$136,000</b>	<b>-</b>	<b>-</b>	<b>\$231,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87210032</b>	<b>44TH STREET: VERMONT AVENUE TO JOSEPH WAY</b>						
	Install ADA ramps, paving, curb, gutter, sidewalk, driveway entrances and 3-inch walk-behinds, and relocate fire hydrants and traffic signals.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	144,000	1,321,000	-	-	\$1,465,000
	Design	-	171,000	-	-	-	\$171,000
	<b>Project total</b>	<b>-</b>	<b>\$315,000</b>	<b>\$1,321,000</b>	<b>-</b>	<b>-</b>	<b>\$1,636,000</b>
	Transportation 2050	-	315,000	1,321,000	-	-	\$1,636,000
	<b>Funding total</b>	<b>-</b>	<b>\$315,000</b>	<b>\$1,321,000</b>	<b>-</b>	<b>-</b>	<b>\$1,636,000</b>
<b>ST87210033</b>	<b>10TH AVENUE: 150 FEET SOUTH OF DOBBINS ROAD</b>						
	Install ADA ramp and sidewalk, and relocate chain link fence.						
							<b>Function: Bikeways and Pedestrian Walkways</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	18,000	28,000	-	-	\$46,000
	<b>Project total</b>	<b>-</b>	<b>\$18,000</b>	<b>\$28,000</b>	<b>-</b>	<b>-</b>	<b>\$46,000</b>
	Transportation 2050	-	18,000	28,000	-	-	\$46,000
	<b>Funding total</b>	<b>-</b>	<b>\$18,000</b>	<b>\$28,000</b>	<b>-</b>	<b>-</b>	<b>\$46,000</b>
<b>ST87250001</b>	<b>MIDBLOCK STREETLIGHTS</b>						
	Install midblock streetlights in older residential neighborhoods.						
							<b>Function: Street Modernization</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	50,000	50,000	50,000	50,000	50,000	\$250,000
	<b>Project total</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
	Arizona Highway User Revenue	50,000	50,000	50,000	50,000	50,000	\$250,000
	<b>Funding total</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>ST87350012</b>	<b>PROGRAM / PROJECT MANAGEMENT</b>						
	Provide for environmental related support services for program management.						
							<b>Function: Major Streets and Bridges</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	100,000	100,000	100,000	100,000	100,000	\$500,000
	<b>Project total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
	Arizona Highway User Revenue	100,000	100,000	100,000	100,000	100,000	\$500,000
	<b>Funding total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
<b>ST87400076</b>	<b>RESIDENTIAL STREET OVERLAY PROGRAM</b>						
	Provide for the annual Residential Street Overlay program.						
							<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	15,177,061	15,177,061	13,549,640	-	18,200,000	\$62,103,762
	<b>Project total</b>	<b>\$15,177,061</b>	<b>\$15,177,061</b>	<b>\$13,549,640</b>	<b>-</b>	<b>\$18,200,000</b>	<b>\$62,103,762</b>
	Arizona Highway User Revenue	15,177,061	15,177,061	13,549,640	-	18,200,000	\$62,103,762
	<b>Funding total</b>	<b>\$15,177,061</b>	<b>\$15,177,061</b>	<b>\$13,549,640</b>	<b>-</b>	<b>\$18,200,000</b>	<b>\$62,103,762</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87400244</b>	<b>T2050 MAJOR MAINTENANCE</b>						
Perform major maintenance on existing street network infrastructure, including major repairs, replacement, and rehabilitation of pavement, curb/gutter, sidewalk, bicycle infrastructure, street lighting, traffic signal equipment, and street drainage.							
<b>Function: Street Rehabilitation</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		7,923,632	7,792,823	8,704,328	9,483,127	10,430,000	\$44,333,910
<b>Project total</b>		<b>\$7,923,632</b>	<b>\$7,792,823</b>	<b>\$8,704,328</b>	<b>\$9,483,127</b>	<b>\$10,430,000</b>	<b>\$44,333,910</b>
Transportation 2050		7,923,632	7,792,823	8,704,328	9,483,127	10,430,000	\$44,333,910
<b>Funding total</b>		<b>\$7,923,632</b>	<b>\$7,792,823</b>	<b>\$8,704,328</b>	<b>\$9,483,127</b>	<b>\$10,430,000</b>	<b>\$44,333,910</b>
<b>ST87400245</b>	<b>T2050 PORTLAND CEMENT CONCRETE REPAIR</b>						
Install ADA compliant concrete infrastructure along arterial and major collector streets needing overlay and micro surfacing.							
<b>Function: Street Rehabilitation</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		1,524,479	1,632,274	1,666,368	1,745,322	1,800,000	\$8,368,443
<b>Project total</b>		<b>\$1,524,479</b>	<b>\$1,632,274</b>	<b>\$1,666,368</b>	<b>\$1,745,322</b>	<b>\$1,800,000</b>	<b>\$8,368,443</b>
Transportation 2050		1,524,479	1,632,274	1,666,368	1,745,322	1,800,000	\$8,368,443
<b>Funding total</b>		<b>\$1,524,479</b>	<b>\$1,632,274</b>	<b>\$1,666,368</b>	<b>\$1,745,322</b>	<b>\$1,800,000</b>	<b>\$8,368,443</b>
<b>ST87400252</b>	<b>T2050 ARTERIAL MICRO SURFACING PROGRAM</b>						
Provide for the annual Micro Surfacing program.							
<b>Function: Street Rehabilitation</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		2,808,251	3,428,978	3,029,760	3,056,528	3,300,000	\$15,623,517
<b>Project total</b>		<b>\$2,808,251</b>	<b>\$3,428,978</b>	<b>\$3,029,760</b>	<b>\$3,056,528</b>	<b>\$3,300,000</b>	<b>\$15,623,517</b>
Transportation 2050		2,808,251	3,428,978	3,029,760	3,056,528	3,300,000	\$15,623,517
<b>Funding total</b>		<b>\$2,808,251</b>	<b>\$3,428,978</b>	<b>\$3,029,760</b>	<b>\$3,056,528</b>	<b>\$3,300,000</b>	<b>\$15,623,517</b>
<b>ST87400263</b>	<b>MICRO SEAL PROGRAM</b>						
Provide for the annual Micro Seal Program.							
<b>Function: Street Rehabilitation</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		372,440	372,440	691,091	403,363	500,000	\$2,339,334
<b>Project total</b>		<b>\$372,440</b>	<b>\$372,440</b>	<b>\$691,091</b>	<b>\$403,363</b>	<b>\$500,000</b>	<b>\$2,339,334</b>
Arizona Highway User Revenue		372,440	372,440	691,091	403,363	500,000	\$2,339,334
<b>Funding total</b>		<b>\$372,440</b>	<b>\$372,440</b>	<b>\$691,091</b>	<b>\$403,363</b>	<b>\$500,000</b>	<b>\$2,339,334</b>
<b>ST87400264</b>	<b>POLYMER MODIFIED MASTER-SEAL SURFACE PRESERVATION</b>						
Provide for the annual Polymer Modified Master-seal Surface Preservation Program.							
<b>Function: Street Rehabilitation</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		1,763,671	1,763,671	1,207,814	1,261,990	1,430,000	\$7,427,146
<b>Project total</b>		<b>\$1,763,671</b>	<b>\$1,763,671</b>	<b>\$1,207,814</b>	<b>\$1,261,990</b>	<b>\$1,430,000</b>	<b>\$7,427,146</b>
Arizona Highway User Revenue		1,763,671	1,763,671	1,207,814	1,261,990	1,430,000	\$7,427,146
<b>Funding total</b>		<b>\$1,763,671</b>	<b>\$1,763,671</b>	<b>\$1,207,814</b>	<b>\$1,261,990</b>	<b>\$1,430,000</b>	<b>\$7,427,146</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87400265</b>	<b>TIRE RUBBER MODIFIED SURFACE SEAL SURFACE PRESERVATION</b>						
							<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	132,587	132,587	136,565	106,603	121,000	\$629,342
	<b>Project total</b>	<b>\$132,587</b>	<b>\$132,587</b>	<b>\$136,565</b>	<b>\$106,603</b>	<b>\$121,000</b>	<b>\$629,342</b>
	Arizona Highway User Revenue	132,587	132,587	136,565	106,603	121,000	\$629,342
	<b>Funding total</b>	<b>\$132,587</b>	<b>\$132,587</b>	<b>\$136,565</b>	<b>\$106,603</b>	<b>\$121,000</b>	<b>\$629,342</b>
<b>ST87400271</b>	<b>CMAQ ALLEY DUSTPROOFING</b>						
	Pave alleys through MAG CMAQ program efforts.						<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	1,802,000	-	-	-	-	\$1,802,000
	<b>Project total</b>	<b>\$1,802,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,802,000</b>
	Arizona Highway User Revenue	180,000	-	-	-	-	\$180,000
	Federal, State and Other Participation	1,622,000	-	-	-	-	\$1,622,000
	<b>Funding total</b>	<b>\$1,802,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,802,000</b>
<b>ST87400272</b>	<b>CMAQ ALLEY DUSTPROOFING</b>						
	Pave alleys through MAG CMAQ program efforts.						<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	20,000	1,527,500	-	-	-	\$1,547,500
	Design	-	30,000	-	-	-	\$30,000
	<b>Project total</b>	<b>\$20,000</b>	<b>\$1,557,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,577,500</b>
	Arizona Highway User Revenue	20,000	143,000	-	-	-	\$163,000
	Federal, State and Other Participation	-	1,414,500	-	-	-	\$1,414,500
	<b>Funding total</b>	<b>\$20,000</b>	<b>\$1,557,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,577,500</b>
<b>ST87400287</b>	<b>T2050 CRACK SEAL PROGRAM</b>						
	Provide for the annual T2050 crack seal program.						<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	2,674,525	2,812,363	2,996,096	3,188,534	3,510,000	\$15,181,518
	<b>Project total</b>	<b>\$2,674,525</b>	<b>\$2,812,363</b>	<b>\$2,996,096</b>	<b>\$3,188,534</b>	<b>\$3,510,000</b>	<b>\$15,181,518</b>
	Transportation 2050	2,674,525	2,812,363	2,996,096	3,188,534	3,510,000	\$15,181,518
	<b>Funding total</b>	<b>\$2,674,525</b>	<b>\$2,812,363</b>	<b>\$2,996,096</b>	<b>\$3,188,534</b>	<b>\$3,510,000</b>	<b>\$15,181,518</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
-------------	---------------	---------	---------	---------	---------	---------	-------

<b>ST87400288</b>	<b>TIRE RUBBER MODIFIED SURFACE SEAL SURFACE PRESERVATION</b>	<b>Function: Street Rehabilitation</b>					
	Provide for the annual Tire Rubber Modified Surface Seal preservation program for pavement maintenance.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					

Construction	573,113	596,562	656,448	656,489	750,000	\$3,232,612
<b>Project total</b>	<b>\$573,113</b>	<b>\$596,562</b>	<b>\$656,448</b>	<b>\$656,489</b>	<b>\$750,000</b>	<b>\$3,232,612</b>
Transportation 2050	573,113	596,562	656,448	656,489	750,000	\$3,232,612
<b>Funding total</b>	<b>\$573,113</b>	<b>\$596,562</b>	<b>\$656,448</b>	<b>\$656,489</b>	<b>\$750,000</b>	<b>\$3,232,612</b>

<b>ST87400289</b>	<b>PAVEMENT CUT RESURFACING TREATMENTS</b>	<b>Function: Street Rehabilitation</b>					
	Perform pavement cut resurfacing treatments and pavement maintenance on behalf of internal or external customers.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					

Construction	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Project total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
Arizona Highway User Revenue	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Funding total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

<b>ST87400338</b>	<b>ADDITIONAL STREET OVERLAY PREPARATION FOR MAJOR STREETS</b>	<b>Function: Street Rehabilitation</b>					
	Provide preparatory work for major street overlays using Transportation 2050 funds.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					

Construction	12,000,000	15,000,000	10,000,000	-	-	\$37,000,000
<b>Project total</b>	<b>\$12,000,000</b>	<b>\$15,000,000</b>	<b>\$10,000,000</b>	<b>-</b>	<b>-</b>	<b>\$37,000,000</b>
Nonprofit Corporation Bonds - T2050	12,000,000	15,000,000	10,000,000	-	-	\$37,000,000
<b>Funding total</b>	<b>\$12,000,000</b>	<b>\$15,000,000</b>	<b>\$10,000,000</b>	<b>-</b>	<b>-</b>	<b>\$37,000,000</b>

<b>ST87400339</b>	<b>ADDITIONAL MILL AND OVERLAY FOR MAJOR STREETS</b>	<b>Function: Street Rehabilitation</b>					
	Construct additional mill and overlay work for major streets using Transportation 2050 funds.	<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					

Construction	44,000,000	60,000,000	40,000,000	-	-	\$144,000,000
<b>Project total</b>	<b>\$44,000,000</b>	<b>\$60,000,000</b>	<b>\$40,000,000</b>	<b>-</b>	<b>-</b>	<b>\$144,000,000</b>
Nonprofit Corporation Bonds - T2050	44,000,000	60,000,000	40,000,000	-	-	\$144,000,000
<b>Funding total</b>	<b>\$44,000,000</b>	<b>\$60,000,000</b>	<b>\$40,000,000</b>	<b>-</b>	<b>-</b>	<b>\$144,000,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Street Transportation and Drainage**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>ST87400340</b>	<b>ADDITIONAL STREET OVERLAY PREPARATION FOR LOCAL STREETS</b>						
	Provide preparatory work for local street overlays.						
							<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	4,000,000	-	-	-	-	\$4,000,000
	<b>Project total</b>	<b>\$4,000,000</b>	-	-	-	-	<b>\$4,000,000</b>
	Nonprofit Corporation Bonds - T2050	4,000,000	-	-	-	-	\$4,000,000
	<b>Funding total</b>	<b>\$4,000,000</b>	-	-	-	-	<b>\$4,000,000</b>
<b>ST87400341</b>	<b>ADDITIONAL MILL AND OVERLAY FOR LOCAL STREETS</b>						
	Construct additional mill and overlay work for local streets.						
							<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	15,000,000	-	-	-	-	\$15,000,000
	<b>Project total</b>	<b>\$15,000,000</b>	-	-	-	-	<b>\$15,000,000</b>
	Nonprofit Corporation Bonds - T2050	15,000,000	-	-	-	-	\$15,000,000
	<b>Funding total</b>	<b>\$15,000,000</b>	-	-	-	-	<b>\$15,000,000</b>
<b>ST87440012</b>	<b>DUST CONTROL PROGRAM</b>						
	Construct projects to control dust as identified.						
							<b>Function: Street Rehabilitation</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	195,000	-	-	-	-	\$195,000
	<b>Project total</b>	<b>\$195,000</b>	-	-	-	-	<b>\$195,000</b>
	Arizona Highway User Revenue	195,000	-	-	-	-	\$195,000
	<b>Funding total</b>	<b>\$195,000</b>	-	-	-	-	<b>\$195,000</b>
<b>ST87500000</b>	<b>ADA COMPLIANCE IMPROVEMENTS</b>						
	Design and construct street improvements to comply with the ADA.						
							<b>Function: ADA Compliance</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	990,000	990,000	990,000	990,000	1,000,000	\$4,960,000
	Design	10,000	10,000	10,000	10,000	-	\$40,000
	<b>Project total</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
	Arizona Highway User Revenue	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
	<b>Funding total</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
<b>ST87500026</b>	<b>ADA 12-YEAR RAMP RETROFIT</b>						
	Install or reconstruct accessible curb ramps per Title II of the ADA at identified locations along major arterial and residential streets.						
							<b>Function: ADA Compliance</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	\$13,000,000
	<b>Project total</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$13,000,000</b>
	Arizona Highway User Revenue	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	\$13,000,000
	<b>Funding total</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$13,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87600068</b>	<b>BICYCLE RACKS CITYWIDE</b>						
Procure and install bicycle racks citywide.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
<b>ST87600070</b>	<b>BICYCLE LANE MARKING, SIGNS AND EQUIPMENT</b>						
Install citywide bicycle lane marking, signs and equipment.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
<b>ST87600084</b>	<b>BIKE MASTER PLAN</b>						
Make improvements to the citywide bikeway system.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		200,000	1,975,000	1,975,000	1,975,000	1,975,000	\$8,100,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$8,100,000</b>
Arizona Highway User Revenue		200,000	1,975,000	1,975,000	1,975,000	1,975,000	\$8,100,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$1,975,000</b>	<b>\$8,100,000</b>
<b>ST87600088</b>	<b>BIKE LANE PLAN DESIGN</b>						
Design bike lanes as identified.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		-	-	-	-	25,000	\$25,000
Design		25,000	25,000	25,000	25,000	-	\$100,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
<b>ST87600113</b>	<b>T2050 PEDESTRIAN AND BICYCLE PROJECTS</b>						
Build infrastructure improvements to improve mobility and accessibility for pedestrians and bicycle users.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		888,000	1,113,260	623,000	2,655,000	-	\$5,279,260
<b>Project total</b>		<b>\$888,000</b>	<b>\$1,113,260</b>	<b>\$623,000</b>	<b>\$2,655,000</b>	<b>-</b>	<b>\$5,279,260</b>
Transportation 2050		888,000	1,113,260	623,000	2,655,000	-	\$5,279,260
<b>Funding total</b>		<b>\$888,000</b>	<b>\$1,113,260</b>	<b>\$623,000</b>	<b>\$2,655,000</b>	<b>-</b>	<b>\$5,279,260</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total	
<b>ST87600114</b>	<b>GRAND CANAL PHASE II</b>							
Design and construct a shared use pathway along one side of the Grand Canal between I-17 and 15th Avenue; 16th Street and 36th Street; and 40th Street and Priest.								
		<b>Function: Bikeways and Pedestrian Walkways</b>						
		<b>Strategic Plan: Infrastructure</b>						
		<b>District: 4, 6 &amp; 8</b>						
Construction		-	75,000	-	-	-	\$75,000	
<b>Project total</b>		-	<b>\$75,000</b>	-	-	-	<b>\$75,000</b>	
Capital Construction		-	75,000	-	-	-	\$75,000	
<b>Funding total</b>		-	<b>\$75,000</b>	-	-	-	<b>\$75,000</b>	
<b>ST87600118</b>	<b>REGIONAL BIKESHARE PROGRAM</b>							
Site, procure and install bikeshare equipment to expand the Grid Bikeshare program.								
		<b>Function: Bikeways and Pedestrian Walkways</b>						
		<b>Strategic Plan: Infrastructure</b>						
		<b>District: Citywide</b>						
Construction		984,426	-	-	-	-	\$984,426	
Design		18,000	-	-	-	-	\$18,000	
Land Acquisition		10,000	-	-	-	-	\$10,000	
<b>Project total</b>		<b>\$1,012,426</b>	-	-	-	-	<b>\$1,012,426</b>	
Capital Reserves		94,000	-	-	-	-	\$94,000	
Federal, State and Other Participation		918,426	-	-	-	-	\$918,426	
<b>Funding total</b>		<b>\$1,012,426</b>	-	-	-	-	<b>\$1,012,426</b>	
<b>ST87600119</b>	<b>REGIONAL BIKESHARE PROGRAM</b>							
Site, procure and install bikeshare equipment to expand the Grid Bikeshare program.								
		<b>Function: Bikeways and Pedestrian Walkways</b>						
		<b>Strategic Plan: Infrastructure</b>						
		<b>District: Citywide</b>						
Construction		10,000	974,426	-	-	-	\$984,426	
Design		30,000	-	-	-	-	\$30,000	
Land Acquisition		10,000	-	-	-	-	\$10,000	
<b>Project total</b>		<b>\$50,000</b>	<b>\$974,426</b>	-	-	-	<b>\$1,024,426</b>	
Capital Reserves		50,000	56,000	-	-	-	\$106,000	
Federal, State and Other Participation		-	918,426	-	-	-	\$918,426	
<b>Funding total</b>		<b>\$50,000</b>	<b>\$974,426</b>	-	-	-	<b>\$1,024,426</b>	
<b>ST87600121</b>	<b>OAK STREET BIKE IMPROVEMENTS</b>							
Construct bicycle, pedestrian, shade and street light improvements, intersection improvements at SR-51 frontage road, and improved connections to the Grand Canal.								
		<b>Function: Bikeways and Pedestrian Walkways</b>						
		<b>Strategic Plan: Infrastructure</b>						
		<b>District: 4 &amp; 8</b>						
Construction		3,512,000	-	-	-	-	\$3,512,000	
Design		100,000	-	-	-	-	\$100,000	
<b>Project total</b>		<b>\$3,612,000</b>	-	-	-	-	<b>\$3,612,000</b>	
Arizona Highway User Revenue		3,612,000	-	-	-	-	\$3,612,000	
<b>Funding total</b>		<b>\$3,612,000</b>	-	-	-	-	<b>\$3,612,000</b>	

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST87750000</b>	<b>NEIGHBORHOOD SIDEWALKS</b>						
Construct sidewalks on improved neighborhood streets as needs are determined.							
						<b>Function: Street Modernization</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		366,000	259,000	1,000,000	1,000,000	1,000,000	\$3,625,000
<b>Project total</b>		<b>\$366,000</b>	<b>\$259,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,625,000</b>
Arizona Highway User Revenue		366,000	259,000	1,000,000	1,000,000	1,000,000	\$3,625,000
<b>Funding total</b>		<b>\$366,000</b>	<b>\$259,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,625,000</b>
<b>ST87750144</b>	<b>MOUNTAIN VIEW ELEMENTARY – SAFE ROUTES TO SCHOOL</b>						
Construct sidewalks, curb and gutter, ADA ramps and lighting at various locations within Peoria Avenue to Mountain View Road and 7th Avenue to 15th Avenue.							
						<b>Function: Street Modernization</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 8</b>	
Construction		100,000	2,387,494	-	-	-	\$2,487,494
<b>Project total</b>		<b>\$100,000</b>	<b>\$2,387,494</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,487,494</b>
Capital Construction		100,000	959,000	-	-	-	\$1,059,000
Federal, State and Other Participation		-	1,428,494	-	-	-	\$1,428,494
<b>Funding total</b>		<b>\$100,000</b>	<b>\$2,387,494</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,487,494</b>
<b>ST87750149</b>	<b>43RD STREET: MCDOWELL ROAD TO PALM LANE</b>						
Install sidewalk and ADA ramps.							
						<b>Function: Street Modernization</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 8</b>	
Construction		52,000	281,000	-	-	-	\$333,000
Design		50,000	-	-	-	-	\$50,000
<b>Project total</b>		<b>\$102,000</b>	<b>\$281,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$383,000</b>
Arizona Highway User Revenue		102,000	281,000	-	-	-	\$383,000
<b>Funding total</b>		<b>\$102,000</b>	<b>\$281,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$383,000</b>
<b>ST89320000</b>	<b>TRAFFIC CALMING INFRASTRUCTURE</b>						
Construct traffic calming infrastructure.							
						<b>Function: Traffic Calming Improvements</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		189,000	489,000	489,000	489,000	489,000	\$2,145,000
<b>Project total</b>		<b>\$189,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$2,145,000</b>
Arizona Highway User Revenue		189,000	489,000	489,000	489,000	489,000	\$2,145,000
<b>Funding total</b>		<b>\$189,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$489,000</b>	<b>\$2,145,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89320011</b>	<b>SPEED HUMP PROGRAM</b>						
Install speed humps on local streets.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		400,000	400,000	400,000	400,000	400,000	\$2,000,000
<b>Project total</b>		<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>
Arizona Highway User Revenue		400,000	400,000	400,000	400,000	400,000	\$2,000,000
<b>Funding total</b>		<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>
<b>ST89320023</b>	<b>SCHOOL SAFETY STORAGE AND SIDEWALKS</b>						
Construct sidewalk and storage improvements to enhance school safety.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Project total</b>		<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
Capital Construction		100,000	100,000	100,000	100,000	100,000	\$500,000
<b>Funding total</b>		<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
<b>ST89320085</b>	<b>SPEED BOARD FEEDBACK</b>						
Install temporary speed boards or conduct studies for traffic calming projects.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
<b>ST89320108</b>	<b>PARKING METER PROGRAM</b>						
Improve, install and/or remove parking meters.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 4, 7 &amp; 8</b>					
Construction		125,000	125,000	125,000	125,000	125,000	\$625,000
<b>Project total</b>		<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$625,000</b>
Arizona Highway User Revenue		125,000	125,000	125,000	125,000	125,000	\$625,000
<b>Funding total</b>		<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$625,000</b>
<b>ST89320151</b>	<b>PERMANENT SPEED FEEDBACK SIGNAGE</b>						
Procure and install Radar Speed Feedback Signs at prioritized locations to address traffic speed issues.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		127,000	127,000	127,000	127,000	127,000	\$635,000
<b>Project total</b>		<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$635,000</b>
Arizona Highway User Revenue		127,000	127,000	127,000	127,000	127,000	\$635,000
<b>Funding total</b>		<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$127,000</b>	<b>\$635,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89320157</b>	<b>PEDESTRIAN TRAFFIC SAFETY</b>						
Improve pedestrian safety throughout the City.							
		<b>Function: Traffic Calming Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Project total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
Arizona Highway User Revenue		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Funding total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
<b>ST89330001</b>	<b>ADOT FREEWAY TRAFFIC SIGNALS</b>						
Install traffic signals as requested by the Arizona Department of Transportation.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
Federal, State and Other Participation		200,000	200,000	200,000	200,000	200,000	\$1,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>
<b>ST89330002</b>	<b>JUSTIFIED SIGNALS</b>						
Purchase and install new traffic signals at intersections as determined.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	\$7,750,000
<b>Project total</b>		<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$7,750,000</b>
Arizona Highway User Revenue		1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	\$7,750,000
<b>Funding total</b>		<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$7,750,000</b>
<b>ST89330003</b>	<b>MULTI-JURISDICTIONAL SIGNALS</b>						
Install traffic signals at intersections under multiple jurisdictions as determined.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		107,000	107,000	107,000	107,000	108,000	\$536,000
<b>Project total</b>		<b>\$107,000</b>	<b>\$107,000</b>	<b>\$107,000</b>	<b>\$107,000</b>	<b>\$108,000</b>	<b>\$536,000</b>
Arizona Highway User Revenue		53,500	53,500	53,500	53,500	54,000	\$268,000
Federal, State and Other Participation		53,500	53,500	53,500	53,500	54,000	\$268,000
<b>Funding total</b>		<b>\$107,000</b>	<b>\$107,000</b>	<b>\$107,000</b>	<b>\$107,000</b>	<b>\$108,000</b>	<b>\$536,000</b>
<b>ST89330146</b>	<b>TRAFFIC SIGNAL CONCEPTUAL DESIGN</b>						
Scope, plan and predesign traffic signal projects prior to project creation and final design.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: Citywide</b>					
Construction		-	-	-	-	50,000	\$50,000
Design		50,000	50,000	50,000	50,000	-	\$200,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Arizona Highway User Revenue		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89330176</b>	<b>NEW TRAFFIC SIGNAL AT 71ST AVENUE AND BUCKEYE ROAD</b>						
	Install a traffic signal at 71st Avenue and Buckeye Road.						
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 7					
Construction		-	-	80,000	-	-	\$80,000
<b>Project total</b>		-	-	<b>\$80,000</b>	-	-	<b>\$80,000</b>
Federal, State and Other Participation		-	-	80,000	-	-	\$80,000
<b>Funding total</b>		-	-	<b>\$80,000</b>	-	-	<b>\$80,000</b>
<b>ST89330177</b>	<b>ECONOMIC DEVELOPMENT TRAFFIC SERVICES INFRASTRUCTURE</b>						
	Provide for traffic services infrastructure within the right-of-way in support of economic development opportunities.						
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		400,000	400,000	400,000	400,000	400,000	\$2,000,000
<b>Project total</b>		<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>
Arizona Highway User Revenue		400,000	400,000	400,000	400,000	400,000	\$2,000,000
<b>Funding total</b>		<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>
<b>ST89330184</b>	<b>FEDERAL TRANSPORTATION ALTERNATIVES HAWK INSTALLATION</b>						
	Install four HAWK beacons.						
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 1, 5 & 8					
Construction		998,000	-	-	-	-	\$998,000
Design		15,000	-	-	-	-	\$15,000
<b>Project total</b>		<b>\$1,013,000</b>	-	-	-	-	<b>\$1,013,000</b>
Arizona Highway User Revenue		210,500	-	-	-	-	\$210,500
Federal, State and Other Participation		802,500	-	-	-	-	\$802,500
<b>Funding total</b>		<b>\$1,013,000</b>	-	-	-	-	<b>\$1,013,000</b>
<b>ST89330201</b>	<b>TRAFFIC SIGNAL: DESERT PARK AND CAVE CREEK DAM ROAD</b>						
	Install a traffic signal at Desert Park and Cave Creek Dam Road.						
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 2					
Construction		-	-	-	160,000	-	\$160,000
<b>Project total</b>		-	-	-	<b>\$160,000</b>	-	<b>\$160,000</b>
Federal, State and Other Participation		-	-	-	160,000	-	\$160,000
<b>Funding total</b>		-	-	-	<b>\$160,000</b>	-	<b>\$160,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89340003</b>	<b>DEVELOPER SIGNALS</b>						
Install traffic signals using developer contributions.							
						Function: Traffic Signal Improvements	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Project total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
Federal, State and Other Participation		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
<b>Funding total</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>
<b>ST89340004</b>	<b>SIGNAL SYSTEM ENHANCEMENTS</b>						
Upgrade traffic signals as determined.							
						Function: Traffic Signal Improvements	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		243,000	243,000	243,000	243,000	243,000	\$1,215,000
<b>Project total</b>		<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$1,215,000</b>
Arizona Highway User Revenue		243,000	243,000	243,000	243,000	243,000	\$1,215,000
<b>Funding total</b>		<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$243,000</b>	<b>\$1,215,000</b>
<b>ST89340005</b>	<b>LEFT TURN ARROWS</b>						
Install left turn arrows as determined.							
						Function: Traffic Signal Improvements	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		80,000	80,000	80,000	80,000	80,000	\$400,000
<b>Project total</b>		<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$400,000</b>
Arizona Highway User Revenue		80,000	80,000	80,000	80,000	80,000	\$400,000
<b>Funding total</b>		<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$400,000</b>
<b>ST89340031</b>	<b>PREEMPTION WORK FOR RAILROADS</b>						
Test and maintain preemption equipment at railroad crossings.							
						Function: Traffic Signal Improvements	
						Strategic Plan: Infrastructure	
						District: 7 & 8	
Construction		7,000	7,000	7,000	7,000	7,000	\$35,000
<b>Project total</b>		<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$35,000</b>
Arizona Highway User Revenue		7,000	7,000	7,000	7,000	7,000	\$35,000
<b>Funding total</b>		<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$35,000</b>
<b>ST89340072</b>	<b>TRAFFIC SIGNAL POLES PAINTING PROGRAM</b>						
Repaint traffic signal poles as identified.							
						Function: Traffic Signal Improvements	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Project total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
<b>Funding total</b>		<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$125,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89340553</b>	<b>TRAFFIC SIGNAL REBUILD PROGRAM</b>						
Improve traffic signal infrastructure at city intersections to meet current standards.							
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure District: Citywide
Construction		425,000	425,000	625,000	625,000	625,000	\$2,725,000
<b>Project total</b>		<b>\$425,000</b>	<b>\$425,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$2,725,000</b>
Arizona Highway User Revenue		425,000	425,000	625,000	625,000	625,000	\$2,725,000
<b>Funding total</b>		<b>\$425,000</b>	<b>\$425,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$625,000</b>	<b>\$2,725,000</b>
<b>ST89340579</b>	<b>43RD AVENUE SIGNAL UPGRADES</b>						
Improve traffic signals at the Bethany Home Road, Glendale Avenue and Northern Avenue intersections by adding additional signal heads and flashing yellow left-turn arrows.							
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure District: 5
Construction		10,000	1,006,303	-	-	-	\$1,016,303
<b>Project total</b>		<b>\$10,000</b>	<b>\$1,006,303</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,016,303</b>
Arizona Highway User Revenue		10,000	204,000	-	-	-	\$214,000
Federal, State and Other Participation		-	802,303	-	-	-	\$802,303
<b>Funding total</b>		<b>\$10,000</b>	<b>\$1,006,303</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,016,303</b>
<b>ST89340584</b>	<b>THOMAS ROAD AND INDIAN SCHOOL ROAD SIGNAL UPGRADES</b>						
Improve traffic signals at 71st Avenue and Thomas Road, 75th Avenue and Thomas Road, 51st Avenue and Indian School Road, and 67th Avenue and Indian School Road.							
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure District: 4, 5 & 7
Construction		50,000	1,309,907	-	-	-	\$1,359,907
<b>Project total</b>		<b>\$50,000</b>	<b>\$1,309,907</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,359,907</b>
Arizona Highway User Revenue		50,000	237,000	-	-	-	\$287,000
Federal, State and Other Participation		-	1,072,907	-	-	-	\$1,072,907
<b>Funding total</b>		<b>\$50,000</b>	<b>\$1,309,907</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,359,907</b>
<b>ST89340585</b>	<b>NEGATIVE OFFSET MEDIAN IMPROVEMENTS</b>						
Construct intersection improvements at Vineyard Road and 51st Avenue, Peoria Avenue and 43rd Avenue, Bell Road and 7th Avenue, Greenway Parkway and 16th Street, Greenway Road and 40th Street, and Greenway Road and 29th Street.							
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure District: Citywide
Construction		50,000	1,181,182	-	-	-	\$1,231,182
<b>Project total</b>		<b>\$50,000</b>	<b>\$1,181,182</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,231,182</b>
Arizona Highway User Revenue		50,000	220,000	-	-	-	\$270,000
Federal, State and Other Participation		-	961,182	-	-	-	\$961,182
<b>Funding total</b>		<b>\$50,000</b>	<b>\$1,181,182</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,231,182</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89360001</b>	<b>SIGNAL SYSTEM UPGRADE</b>						
Upgrade the citywide traffic signal system.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Technology</b>					
		<b>District: Citywide</b>					
Construction		-	-	-	-	579,000	\$579,000
Equipment		479,000	479,000	579,000	579,000	-	\$2,116,000
<b>Project total</b>		<b>\$479,000</b>	<b>\$479,000</b>	<b>\$579,000</b>	<b>\$579,000</b>	<b>\$579,000</b>	<b>\$2,695,000</b>
Arizona Highway User Revenue		479,000	479,000	579,000	579,000	579,000	\$2,695,000
<b>Funding total</b>		<b>\$479,000</b>	<b>\$479,000</b>	<b>\$579,000</b>	<b>\$579,000</b>	<b>\$579,000</b>	<b>\$2,695,000</b>
<b>ST89360008</b>	<b>TRAFFIC MANAGEMENT CENTER NETWORK SUPPORT</b>						
Support the growth of the Intelligent Transportation System Fiber Optic Backbone Program.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Technology</b>					
		<b>District: Citywide</b>					
Construction		276,000	276,000	276,000	276,000	276,000	\$1,380,000
<b>Project total</b>		<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$1,380,000</b>
Arizona Highway User Revenue		276,000	276,000	276,000	276,000	276,000	\$1,380,000
<b>Funding total</b>		<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$276,000</b>	<b>\$1,380,000</b>
<b>ST89360020</b>	<b>INTELLIGENT TRAFFIC SYSTEM PROJECT MANAGEMENT</b>						
Provide for matching grant funds for Intelligent Traffic System projects.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Technology</b>					
		<b>District: Citywide</b>					
Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Arizona Highway User Revenue		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>ST89360025</b>	<b>CLOSED CIRCUIT CAMERAS</b>						
Install closed circuit video cameras on traffic signals.							
		<b>Function: Traffic Signal Improvements</b>					
		<b>Strategic Plan: Infrastructure</b>					
		<b>District: 1, 3, 4, 5, 6 &amp; 7</b>					
Construction		1,236,000	-	-	-	-	\$1,236,000
<b>Project total</b>		<b>\$1,236,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,236,000</b>
Arizona Highway User Revenue		1,236,000	-	-	-	-	\$1,236,000
<b>Funding total</b>		<b>\$1,236,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,236,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>ST89360029</b>	<b>CENTRAL CITY ANONYMOUS RE-IDENTIFICATION SENSORS AND INTELLIGENT TRAFFIC SYSTEM IMPROVEMENTS</b>						
							Function: Traffic Signal Improvements
	Design traffic data acquisition systems and analyze infrastructure at select intersections.						Strategic Plan: Infrastructure
							District: 4, 7 & 8
	Construction	962,000	-	-	-	-	\$962,000
	Design	6,000	-	-	-	-	\$6,000
	<b>Project total</b>	<b>\$968,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$968,000</b>
	Arizona Highway User Revenue	54,940	-	-	-	-	\$54,940
	Federal, State and Other Participation	913,060	-	-	-	-	\$913,060
	<b>Funding total</b>	<b>\$968,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$968,000</b>
<b>ST89360030</b>	<b>INTELLIGENT TRAFFIC SYSTEM ADVANCED DETECTION SYSTEM</b>						
							Function: Traffic Signal Improvements
	Install advanced detection systems at select intersections and corridors.						Strategic Plan: Infrastructure
							District: Citywide
	Construction	980,000	1,080,000	1,500,000	1,500,000	1,500,000	\$6,560,000
	<b>Project total</b>	<b>\$980,000</b>	<b>\$1,080,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$6,560,000</b>
	Arizona Highway User Revenue	980,000	1,080,000	1,500,000	1,500,000	1,500,000	\$6,560,000
	<b>Funding total</b>	<b>\$980,000</b>	<b>\$1,080,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$6,560,000</b>
<b>ST89360032</b>	<b>SR-101 CORRIDOR: 51ST AVENUE TO SCOTTSDALE ROAD</b>						
							Function: Traffic Signal Improvements
	Upgrade signalized intersections, install 9 new signal cabinets, and install ITS devices at key locations in the area bounded by Bell Road, Pinnacle Peak Road, 51st Avenue and Scottsdale Road.						Strategic Plan: Infrastructure
							District: 1, 2 & 3
	Construction	820,000	720,000	-	-	-	\$1,540,000
	<b>Project total</b>	<b>\$820,000</b>	<b>\$720,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,540,000</b>
	Arizona Highway User Revenue	820,000	720,000	-	-	-	\$1,540,000
	<b>Funding total</b>	<b>\$820,000</b>	<b>\$720,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,540,000</b>
<b>ST89370001</b>	<b>TRAFFIC COUNT STATIONS</b>						
							Function: Traffic Signal Improvements
	Construct new traffic count stations.						Strategic Plan: Infrastructure
							District: Citywide
	Construction	100,000	100,000	100,000	100,000	100,000	\$500,000
	<b>Project total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
	Arizona Highway User Revenue	100,000	100,000	100,000	100,000	100,000	\$500,000
	<b>Funding total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Street Transportation and Drainage**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>EP12000005</b>	<b>STORMWATER – GENERAL COMPLIANCE</b>						
	Provide for general stormwater compliance actions.						
							Function: Stormwater Compliance Strategic Plan: Sustainability District: Citywide
	Construction	250,000	250,000	250,000	250,000	250,000	\$1,250,000
	<b>Project total</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,250,000</b>
	Other Restricted	250,000	250,000	250,000	250,000	250,000	\$1,250,000
	<b>Funding total</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,250,000</b>
<b>AR63000031</b>	<b>107TH AVENUE STREETScape – PERCENT FOR ART</b>						
	Construct integrated pedestrian enhancements along 107th Ave between Indian School Road and Camelback Road.						
							Function: Percent for Art Strategic Plan: Neighborhoods and Livability District: 5
	Construction	216,947	-	-	-	-	\$216,947
	<b>Project total</b>	<b>\$216,947</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$216,947</b>
	Transportation 2050	216,947	-	-	-	-	\$216,947
	<b>Funding total</b>	<b>\$216,947</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$216,947</b>
<b>AR63850019</b>	<b>VAN BUREN STREET IMPROVEMENT – PERCENT FOR ART</b>						
	Design and integrate public art into the Van Buren Street Improvement Project.						
							Function: Percent for Art Strategic Plan: Neighborhoods and Livability District: 8
	Construction	230,988	-	-	-	-	\$230,988
	<b>Project total</b>	<b>\$230,988</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$230,988</b>
	Transportation 2050	230,988	-	-	-	-	\$230,988
	<b>Funding total</b>	<b>\$230,988</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$230,988</b>
<b>Program total</b>		<b>\$220,876,938</b>	<b>\$240,595,187</b>	<b>\$169,608,784</b>	<b>\$112,572,926</b>	<b>\$132,522,000</b>	<b>\$876,175,835</b>

## Wastewater

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
23rd Avenue WWTP	8,886,000	29,135,000	19,070,000	7,995,000	8,385,000	\$73,471,000
91st Avenue WWTP	27,527,000	43,175,000	54,761,892	53,985,000	60,511,000	\$239,959,892
91st Avenue WWTP Studies	1,120,000	5,000	5,000	5,000	5,000	\$1,140,000
Automation	1,998,000	10,000	163,364	-	-	\$2,171,364
Buildings	2,274,500	2,254,500	2,404,500	2,254,500	2,279,000	\$11,467,000
Cave Creek Reclamation Plant	5,540,000	29,740,000	905,000	108,080,000	80,670,000	\$224,935,000
Lift Stations	20,378,200	14,150,200	5,096,200	8,325,200	4,823,200	\$52,773,000
Multi-City Sewer Lines	3,067,000	13,412,000	4,225,000	83,630,000	6,880,000	\$111,214,000
Phoenix Sewers	121,774,777	48,657,739	42,862,720	54,189,914	42,741,914	\$310,227,064
Tres Rios	470,000	520,000	2,060,000	500,000	550,000	\$4,100,000
<b>Total</b>	<b>\$193,035,477</b>	<b>\$181,059,439</b>	<b>\$131,553,676</b>	<b>\$318,964,614</b>	<b>\$206,845,114</b>	<b>\$1,031,458,320</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Wastewater	48,175,460	73,873,100	43,681,964	152,546,100	132,506,875	\$450,783,499
<b>Total Operating Funds</b>	<b>\$48,175,460</b>	<b>\$73,873,100</b>	<b>\$43,681,964</b>	<b>\$152,546,100</b>	<b>\$132,506,875</b>	<b>\$450,783,499</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Wastewater	74,760,227	82,572,074	61,930,310	97,089,968	48,040,055	\$364,392,634
<b>Total Bond Funds</b>	<b>\$74,760,227</b>	<b>\$82,572,074</b>	<b>\$61,930,310</b>	<b>\$97,089,968</b>	<b>\$48,040,055</b>	<b>\$364,392,634</b>
<u>Other Capital Funds</u>						
Impact Fees	59,270,817	1,606,825	-	-	-	\$60,877,642
Other Cities' Share in Joint Ventures	10,828,973	23,007,440	25,941,402	69,328,546	26,298,184	\$155,404,545
<b>Total Other Capital Funds</b>	<b>\$70,099,790</b>	<b>\$24,614,265</b>	<b>\$25,941,402</b>	<b>\$69,328,546</b>	<b>\$26,298,184</b>	<b>\$216,282,187</b>
<b>Program Total</b>	<b>\$193,035,477</b>	<b>\$181,059,439</b>	<b>\$131,553,676</b>	<b>\$318,964,614</b>	<b>\$206,845,114</b>	<b>\$1,031,458,320</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90100001</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT REPLACEMENT FUND</b>	<b>Function: 91st Avenue WWTP</b>					
	Repair and replace 91st Avenue Wastewater Treatment Plant equipment.	<b>Strategic Plan: Infrastructure</b> <b>District: 7</b>					
Equipment		5,250,000	5,250,000	5,250,000	5,250,000	5,250,000	\$26,250,000
Other		250,000	250,000	250,000	250,000	250,000	\$1,250,000
	<b>Project total</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$27,500,000</b>
Wastewater		5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	\$27,500,000
	<b>Funding total</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$5,500,000</b>	<b>\$27,500,000</b>
<b>WS90100088</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT DIGESTER GAS SALE SUPPORT</b>	<b>Function: 91st Avenue WWTP</b>					
	Provide engineering and cost estimating support for the 91st Avenue Wastewater Treatment Plant digester gas sale project.	<b>Strategic Plan: Sustainability</b> <b>District: 7</b>					
Other		10,000	-	-	-	-	\$10,000
	<b>Project total</b>	<b>\$10,000</b>	-	-	-	-	<b>\$10,000</b>
Nonprofit Corporation Bonds - Wastewater		2,000	-	-	-	-	\$2,000
Other Cities' Share in Joint Ventures		8,000	-	-	-	-	\$8,000
	<b>Funding total</b>	<b>\$10,000</b>	-	-	-	-	<b>\$10,000</b>
<b>WS90100092</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT INSTRUMENTATION AND CONTROL</b>	<b>Function: 91st Avenue WWTP</b>					
	Design and inspect instrumentation and control projects at 91st Avenue Wastewater Treatment Plant.	<b>Strategic Plan: Infrastructure</b> <b>District: 7</b>					
Design		-	1,575,000	-	1,575,000	-	\$3,150,000
Other		50,000	75,000	50,000	75,000	50,000	\$300,000
	<b>Project total</b>	<b>\$50,000</b>	<b>\$1,650,000</b>	<b>\$50,000</b>	<b>\$1,650,000</b>	<b>\$50,000</b>	<b>\$3,450,000</b>
Nonprofit Corporation Bonds - Wastewater		27,580	910,140	27,580	910,140	27,580	\$1,903,020
Other Cities' Share in Joint Ventures		22,420	739,860	22,420	739,860	22,420	\$1,546,980
	<b>Funding total</b>	<b>\$50,000</b>	<b>\$1,650,000</b>	<b>\$50,000</b>	<b>\$1,650,000</b>	<b>\$50,000</b>	<b>\$3,450,000</b>
<b>WS90100093</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT PIPE AND EQUIPMENT COATING</b>	<b>Function: 91st Avenue WWTP</b>					
	Apply protective coatings to plant process equipment, structural support members, piping, tanks, motors, mechanical and related equipment at 91st Avenue Wastewater Treatment Plant.	<b>Strategic Plan: Infrastructure</b> <b>District: 7</b>					
Construction		1,144,000	1,144,000	1,239,000	1,444,000	500,000	\$5,471,000
Construction Administration		-	-	200,000	-	300,000	\$500,000
Other		56,000	56,000	61,000	56,000	61,000	\$290,000
	<b>Project total</b>	<b>\$1,200,000</b>	<b>\$1,200,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$861,000</b>	<b>\$6,261,000</b>
Nonprofit Corporation Bonds - Wastewater		661,920	661,920	827,400	827,400	474,928	\$3,453,568
Other Cities' Share in Joint Ventures		538,080	538,080	672,600	672,600	386,072	\$2,807,432
	<b>Funding total</b>	<b>\$1,200,000</b>	<b>\$1,200,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$861,000</b>	<b>\$6,261,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90100094</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT SAFETY</b>						
	Design and construct safety improvements at 91st Avenue Wastewater Treatment Plant.						
							<b>District: 7</b>
	Construction	450,000	750,000	625,000	950,000	775,000	\$3,550,000
	Construction Administration	-	-	25,000	-	25,000	\$50,000
	Design	-	-	100,000	-	150,000	\$250,000
	Other	50,000	50,000	50,000	50,000	50,000	\$250,000
	<b>Project total</b>	<b>\$500,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$4,100,000</b>
	Nonprofit Corporation Bonds - Wastewater	275,800	441,280	441,280	551,600	551,600	\$2,261,560
	Other Cities' Share in Joint Ventures	224,200	358,720	358,720	448,400	448,400	\$1,838,440
	<b>Funding total</b>	<b>\$500,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$4,100,000</b>
<b>WS90100095</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT WORK ORDER AND ASSET MANAGEMENT SYSTEM</b>						
	Install and configure software products at the 91st Avenue Wastewater Treatment Plant for management reporting and integration between various systems.						
							<b>District: 7</b>
	Design	792,000	-	91,892	-	-	\$883,892
	<b>Project total</b>	<b>\$792,000</b>	<b>-</b>	<b>\$91,892</b>	<b>-</b>	<b>-</b>	<b>\$883,892</b>
	Nonprofit Corporation Bonds - Wastewater	436,867	-	50,688	-	-	\$487,555
	Other Cities' Share in Joint Ventures	355,133	-	41,204	-	-	\$396,337
	<b>Funding total</b>	<b>\$792,000</b>	<b>-</b>	<b>\$91,892</b>	<b>-</b>	<b>-</b>	<b>\$883,892</b>
<b>WS90100098</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT SOLAR DRYING BEDS IMPROVEMENTS AND EXPANSIONS</b>						
	Complete improvements to unlined sludge drying beds east of 83rd Avenue for solar drying operation to reduce transportation and disposal costs.						
							<b>District: 7</b>
	Other	100,000	-	-	-	-	\$100,000
	<b>Project total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>
	Nonprofit Corporation Bonds - Wastewater	55,160	-	-	-	-	\$55,160
	Other Cities' Share in Joint Ventures	44,840	-	-	-	-	\$44,840
	<b>Funding total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90100099</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT GROUNDWATER WELLS IMPROVEMENTS AND EXPANSION</b>						
	Construct improvements to the groundwater wells and pumps to lower groundwater levels. The project will allow for dewatering of basins to facilitate maintenance.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	2,500,000	200,000	-	-	-	\$2,700,000
	Other	60,000	-	-	-	-	\$60,000
	<b>Project total</b>	<b>\$2,560,000</b>	<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,760,000</b>
	Nonprofit Corporation Bonds - Wastewater	1,412,096	110,320	-	-	-	\$1,522,416
	Other Cities' Share in Joint Ventures	1,147,904	89,680	-	-	-	\$1,237,584
	<b>Funding total</b>	<b>\$2,560,000</b>	<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,760,000</b>
<b>WS90100100</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT SUPPORT FACILITIES REHABILITATION</b>						
	Replace or rehabilitate assets and infrastructure not covered by the replacement fund at 91st Avenue Wastewater Treatment Plant.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	1,250,000	1,450,000	1,750,000	1,950,000	500,000	\$6,900,000
	Construction Administration	-	-	100,000	-	150,000	\$250,000
	Design	200,000	-	100,000	-	150,000	\$450,000
	Other	50,000	50,000	50,000	50,000	50,000	\$250,000
	<b>Project total</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$850,000</b>	<b>\$7,850,000</b>
	Nonprofit Corporation Bonds - Wastewater	827,400	827,400	1,103,200	1,103,200	468,860	\$4,330,060
	Other Cities' Share in Joint Ventures	672,600	672,600	896,800	896,800	381,140	\$3,519,940
	<b>Funding total</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$850,000</b>	<b>\$7,850,000</b>
<b>WS90100101</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT PROCESS PIPING REHABILITATION</b>						
	Perform process piping condition assessment to identify critical needs and rehabilitate or replace piping as needed.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	3,400,000	8,700,000	11,100,000	7,280,000	7,380,000	\$37,860,000
	Construction Administration	600,000	400,000	-	-	-	\$1,000,000
	Design	400,000	-	-	-	-	\$400,000
	Other	50,000	50,000	50,000	20,000	20,000	\$190,000
	<b>Project total</b>	<b>\$4,450,000</b>	<b>\$9,150,000</b>	<b>\$11,150,000</b>	<b>\$7,300,000</b>	<b>\$7,400,000</b>	<b>\$39,450,000</b>
	Nonprofit Corporation Bonds - Wastewater	2,454,620	5,047,140	6,150,340	4,026,680	4,081,840	\$21,760,620
	Other Cities' Share in Joint Ventures	1,995,380	4,102,860	4,999,660	3,273,320	3,318,160	\$17,689,380
	<b>Funding total</b>	<b>\$4,450,000</b>	<b>\$9,150,000</b>	<b>\$11,150,000</b>	<b>\$7,300,000</b>	<b>\$7,400,000</b>	<b>\$39,450,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90100103</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT TOXICITY IDENTIFICATION AND REDUCTION EVALUATION</b>						
	Evaluate toxicity and toxicity reduction for the 91st Avenue Wastewater Treatment Plant.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Other		10,000	10,000	35,000	10,000	10,000	\$75,000
Study		-	-	110,000	-	-	\$110,000
<b>Project total</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>\$145,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$185,000</b>
Nonprofit Corporation Bonds - Wastewater		5,516	5,516	79,982	5,516	5,516	\$102,046
Other Cities' Share in Joint Ventures		4,484	4,484	65,018	4,484	4,484	\$82,954
<b>Funding total</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>\$145,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$185,000</b>
<b>WS90100104</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT TWO PHASE DIGESTER STUDY</b>						
	Convert the 91st Avenue Wastewater Treatment Plant to two-phase digestion.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		450,000	-	-	-	-	\$450,000
Other		50,000	-	-	-	-	\$50,000
<b>Project total</b>		<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$500,000</b>
Nonprofit Corporation Bonds - Wastewater		275,800	-	-	-	-	\$275,800
Other Cities' Share in Joint Ventures		224,200	-	-	-	-	\$224,200
<b>Funding total</b>		<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$500,000</b>
<b>WS90100105</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT PROCESS CONTROL OPTIMIZATION</b>						
	Increase efficiency of the existing process control systems at the 91st Ave Wastewater Treatment Plant.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Technology</b>
							<b>District: 7</b>
Construction		830,000	890,000	890,000	1,450,000	555,000	\$4,615,000
Design		-	-	250,000	-	400,000	\$650,000
Other		50,000	50,000	60,000	50,000	60,000	\$270,000
<b>Project total</b>		<b>\$880,000</b>	<b>\$940,000</b>	<b>\$1,200,000</b>	<b>\$1,500,000</b>	<b>\$1,015,000</b>	<b>\$5,535,000</b>
Nonprofit Corporation Bonds - Wastewater		485,408	518,504	661,920	827,400	559,874	\$3,053,106
Other Cities' Share in Joint Ventures		394,592	421,496	538,080	672,600	455,126	\$2,481,894
<b>Funding total</b>		<b>\$880,000</b>	<b>\$940,000</b>	<b>\$1,200,000</b>	<b>\$1,500,000</b>	<b>\$1,015,000</b>	<b>\$5,535,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90100106</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT FIRE LIFE SAFETY ASSESSMENT</b>						
	Assess the fire safety measures throughout the 91st Ave Wastewater Treatment Plant and implement necessary features to provide a fully functional system.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		1,180,000	1,180,000	380,000	-	-	\$2,740,000
Other		20,000	20,000	20,000	-	-	\$60,000
<b>Project total</b>		<b>\$1,200,000</b>	<b>\$1,200,000</b>	<b>\$400,000</b>	-	-	<b>\$2,800,000</b>
Nonprofit Corporation Bonds - Wastewater		661,920	661,920	220,640	-	-	\$1,544,480
Other Cities' Share in Joint Ventures		538,080	538,080	179,360	-	-	\$1,255,520
<b>Funding total</b>		<b>\$1,200,000</b>	<b>\$1,200,000</b>	<b>\$400,000</b>	-	-	<b>\$2,800,000</b>
<b>WS90100107</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT FACILITY ASSESSMENT</b>						
	Assess 91st Avenue Wastewater Treatment Plant facilities to determine the remaining useful life.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Other		25,000	25,000	25,000	25,000	25,000	\$125,000
Study		250,000	-	500,000	-	500,000	\$1,250,000
<b>Project total</b>		<b>\$275,000</b>	<b>\$25,000</b>	<b>\$525,000</b>	<b>\$25,000</b>	<b>\$525,000</b>	<b>\$1,375,000</b>
Nonprofit Corporation Bonds - Wastewater		151,690	13,790	289,590	13,790	289,590	\$758,450
Other Cities' Share in Joint Ventures		123,310	11,210	235,410	11,210	235,410	\$616,550
<b>Funding total</b>		<b>\$275,000</b>	<b>\$25,000</b>	<b>\$525,000</b>	<b>\$25,000</b>	<b>\$525,000</b>	<b>\$1,375,000</b>
<b>WS90100109</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT FACILITY REHABILITATION</b>						
	Construct rehabilitation projects identified in the 91st Ave Avenue Wastewater Treatment Plant Facility Assessment.						
							<b>Function: 91st Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		7,525,000	20,325,000	30,525,000	32,625,000	42,425,000	\$133,425,000
Construction Administration		200,000	300,000	400,000	400,000	400,000	\$1,700,000
Design		200,000	300,000	400,000	400,000	400,000	\$1,700,000
Other		75,000	75,000	75,000	75,000	75,000	\$375,000
<b>Project total</b>		<b>\$8,000,000</b>	<b>\$21,000,000</b>	<b>\$31,400,000</b>	<b>\$33,500,000</b>	<b>\$43,300,000</b>	<b>\$137,200,000</b>
Nonprofit Corporation Bonds - Wastewater		4,412,800	11,583,600	17,320,240	18,478,600	23,884,280	\$75,679,520
Other Cities' Share in Joint Ventures		3,587,200	9,416,400	14,079,760	15,021,400	19,415,720	\$61,520,480
<b>Funding total</b>		<b>\$8,000,000</b>	<b>\$21,000,000</b>	<b>\$31,400,000</b>	<b>\$33,500,000</b>	<b>\$43,300,000</b>	<b>\$137,200,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90120037</b>	<b>91ST AVENUE WASTEWATER TREATMENT PLANT LOCAL LIMITS STUDY</b>						
							<b>Function: 91st Avenue WWTP Studies</b>
	Conduct a regulatory study to implement new requirements, procedures and processes at the 91st Avenue Wastewater Treatment Plant.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Other		20,000	5,000	5,000	5,000	5,000	\$40,000
Study		1,100,000	-	-	-	-	\$1,100,000
	<b>Project total</b>	<b>\$1,120,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$1,140,000</b>
Nonprofit Corporation Bonds - Wastewater		1,120,000	5,000	5,000	5,000	5,000	\$1,140,000
	<b>Funding total</b>	<b>\$1,120,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$1,140,000</b>
<b>WS90140015</b>	<b>TRES RIOS RECREATIONAL COMPONENT (PHOENIX ONLY)</b>						
							<b>Function: Tres Rios</b>
	Design and construct the recreational component of Tres Rios.						<b>Strategic Plan: Neighborhoods and Livability</b>
							<b>District: 7</b>
Construction		-	-	1,300,000	-	-	\$1,300,000
Construction Administration		-	-	200,000	-	-	\$200,000
Design		50,000	-	-	-	-	\$50,000
Other		20,000	20,000	60,000	-	-	\$100,000
	<b>Project total</b>	<b>\$70,000</b>	<b>\$20,000</b>	<b>\$1,560,000</b>	<b>-</b>	<b>-</b>	<b>\$1,650,000</b>
Nonprofit Corporation Bonds - Wastewater		70,000	20,000	1,560,000	-	-	\$1,650,000
	<b>Funding total</b>	<b>\$70,000</b>	<b>\$20,000</b>	<b>\$1,560,000</b>	<b>-</b>	<b>-</b>	<b>\$1,650,000</b>
<b>WS90140016</b>	<b>TRES RIOS REHABILITATION AND REPLACEMENT</b>						
							<b>Function: Tres Rios</b>
	Rehabilitate or replace constructed wetlands infrastructure, overbank wetland or in-river features.						<b>Strategic Plan: Sustainability</b>
							<b>District: 7</b>
Construction		388,816	488,816	488,816	488,816	540,000	\$2,395,264
Other		11,184	11,184	11,184	11,184	10,000	\$54,736
	<b>Project total</b>	<b>\$400,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$550,000</b>	<b>\$2,450,000</b>
Nonprofit Corporation Bonds - Wastewater		220,640	275,800	275,800	275,800	303,380	\$1,351,420
Other Cities' Share in Joint Ventures		179,360	224,200	224,200	224,200	246,620	\$1,098,580
	<b>Funding total</b>	<b>\$400,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$550,000</b>	<b>\$2,450,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>WS90160072</b>	<b>99TH AVENUE INTERCEPTOR</b>						
Design and construct rehabilitation as required on a 12 mile long 99th Avenue interceptor.							
<b>Function: Multi-City Sewer Lines</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 5 &amp; 7</b>							
Construction		-	-	-	-	4,000,000	\$4,000,000
Construction Administration		-	-	-	-	600,000	\$600,000
Design		-	-	-	600,000	-	\$600,000
Other		80,000	80,000	80,000	80,000	100,000	\$420,000
Study		-	750,000	-	-	-	\$750,000
<b>Project total</b>		<b>\$80,000</b>	<b>\$830,000</b>	<b>\$80,000</b>	<b>\$680,000</b>	<b>\$4,700,000</b>	<b>\$6,370,000</b>
Wastewater		80,000	830,000	80,000	680,000	4,700,000	\$6,370,000
<b>Funding total</b>		<b>\$80,000</b>	<b>\$830,000</b>	<b>\$80,000</b>	<b>\$680,000</b>	<b>\$4,700,000</b>	<b>\$6,370,000</b>
<b>WS90160084</b>	<b>SROG INTERCEPTOR</b>						
Acquire land, design and construct the SROG Interceptor to monitor and control local response to dry and wet weather hydrographs.							
<b>Function: Multi-City Sewer Lines</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 7 &amp; 8</b>							
Construction		-	-	-	62,000,000	-	\$62,000,000
Construction Administration		-	-	-	5,600,000	-	\$5,600,000
Design		-	5,518,000	-	-	-	\$5,518,000
Land Acquisition		-	5,202,000	-	-	-	\$5,202,000
Other		150,000	85,000	85,000	90,000	-	\$410,000
<b>Project total</b>		<b>\$150,000</b>	<b>\$10,805,000</b>	<b>\$85,000</b>	<b>\$67,690,000</b>	<b>-</b>	<b>\$78,730,000</b>
Nonprofit Corporation Bonds - Wastewater		70,500	5,078,350	39,950	31,814,300	-	\$37,003,100
Other Cities' Share in Joint Ventures		79,500	5,726,650	45,050	35,875,700	-	\$41,726,900
<b>Funding total</b>		<b>\$150,000</b>	<b>\$10,805,000</b>	<b>\$85,000</b>	<b>\$67,690,000</b>	<b>-</b>	<b>\$78,730,000</b>
<b>WS90160086</b>	<b>SALT RIVER OUTFALL SANITARY SEWER ASSESSMENT</b>						
Perform a condition assessment of the 21 mile long Salt River Outfall.							
<b>Function: Multi-City Sewer Lines</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 7 &amp; 8</b>							
Construction		-	-	-	12,000,000	-	\$12,000,000
Construction Administration		-	-	-	1,000,000	-	\$1,000,000
Design		-	-	1,400,000	-	-	\$1,400,000
Other		120,000	80,000	80,000	100,000	50,000	\$430,000
Study		1,000,000	-	-	-	-	\$1,000,000
<b>Project total</b>		<b>\$1,120,000</b>	<b>\$80,000</b>	<b>\$1,480,000</b>	<b>\$13,100,000</b>	<b>\$50,000</b>	<b>\$15,830,000</b>
Nonprofit Corporation Bonds - Wastewater		518,000	37,000	684,500	6,058,750	23,125	\$7,321,375
Other Cities' Share in Joint Ventures		602,000	43,000	795,500	7,041,250	26,875	\$8,508,625
<b>Funding total</b>		<b>\$1,120,000</b>	<b>\$80,000</b>	<b>\$1,480,000</b>	<b>\$13,100,000</b>	<b>\$50,000</b>	<b>\$15,830,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90160087</b>	<b>SOUTHERN AVENUE INTERCEPTOR CONDITION ASSESSMENT</b>						
	Perform a condition assessment of the 20 mile long Southern Avenue Interceptor including the 51st Avenue siphon.						
							<b>Function: Multi-City Sewer Lines</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Design	-	-	-	-	1,500,000	\$1,500,000
	Other	-	80,000	80,000	80,000	150,000	\$390,000
	Study	-	-	1,000,000	-	-	\$1,000,000
	<b>Project total</b>	<b>-</b>	<b>\$80,000</b>	<b>\$1,080,000</b>	<b>\$80,000</b>	<b>\$1,650,000</b>	<b>\$2,890,000</b>
	Other Cities' Share in Joint Ventures	-	51,400	693,900	51,400	1,060,125	\$1,856,825
	Wastewater	-	28,600	386,100	28,600	589,875	\$1,033,175
	<b>Funding total</b>	<b>-</b>	<b>\$80,000</b>	<b>\$1,080,000</b>	<b>\$80,000</b>	<b>\$1,650,000</b>	<b>\$2,890,000</b>
<b>WS90160090</b>	<b>SALT RIVER OUTFALL/SOUTHERN AVENUE INTERCEPTOR ODOR CONTROL IMPLEMENTATION</b>						
	Acquire land, design and construct various odor control facilities along the Salt River Outfall and Southern Avenue Interceptors.						
							<b>Function: Multi-City Sewer Lines</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Construction	1,600,000	1,600,000	1,485,000	1,485,000	-	\$6,170,000
	Other	17,000	17,000	15,000	15,000	-	\$64,000
	<b>Project total</b>	<b>\$1,617,000</b>	<b>\$1,617,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>\$6,234,000</b>
	Nonprofit Corporation Bonds - Wastewater	1,617,000	1,617,000	1,500,000	1,500,000	-	\$6,234,000
	<b>Funding total</b>	<b>\$1,617,000</b>	<b>\$1,617,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>-</b>	<b>\$6,234,000</b>
<b>WS90160100</b>	<b>SROG SOUTHERN AVENUE INTERCEPTOR 51ST AVENUE SIPHONS ASSESSMENT</b>						
	Assess the condition of the dual siphons on the SROG – Southern Avenue Interceptor at 51st Avenue.						
							<b>Function: Multi-City Sewer Lines</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7 &amp; 8</b>
	Design	-	-	-	-	400,000	\$400,000
	Other	100,000	-	-	80,000	80,000	\$260,000
	Study	-	-	-	500,000	-	\$500,000
	<b>Project total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>\$580,000</b>	<b>\$480,000</b>	<b>\$1,160,000</b>
	Nonprofit Corporation Bonds - Wastewater	52,310	-	-	303,398	251,088	\$606,796
	Other Cities' Share in Joint Ventures	47,690	-	-	276,602	228,912	\$553,204
	<b>Funding total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>\$580,000</b>	<b>\$480,000</b>	<b>\$1,160,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90200053</b>	<b>23RD AVENUE WASTEWATER TREATMENT PLANT OPERATIONAL IMPROVEMENTS</b>						
	Design and construct operational improvements at the 23rd Avenue Wastewater Treatment Plant.						
							<b>Function: 23rd Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		1,525,000	1,525,000	1,870,000	1,870,000	1,870,000	\$8,660,000
Construction Administration		25,000	25,000	25,000	25,000	25,000	\$125,000
Design		-	-	600,000	-	-	\$600,000
Other		115,000	105,000	135,000	135,000	135,000	\$625,000
<b>Project total</b>		<b>\$1,665,000</b>	<b>\$1,655,000</b>	<b>\$2,630,000</b>	<b>\$2,030,000</b>	<b>\$2,030,000</b>	<b>\$10,010,000</b>
Nonprofit Corporation Bonds - Wastewater		1,665,000	1,655,000	2,630,000	2,030,000	-	\$7,980,000
Wastewater		-	-	-	-	2,030,000	\$2,030,000
<b>Funding total</b>		<b>\$1,665,000</b>	<b>\$1,655,000</b>	<b>\$2,630,000</b>	<b>\$2,030,000</b>	<b>\$2,030,000</b>	<b>\$10,010,000</b>
<b>WS90200055</b>	<b>23RD AVENUE WASTEWATER TREATMENT PLANT SAFETY</b>						
	Design and construct safety improvements at the 23rd Avenue Wastewater Treatment Plant.						
							<b>Function: 23rd Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		150,000	150,000	150,000	150,000	150,000	\$750,000
Construction Administration		25,000	25,000	25,000	25,000	25,000	\$125,000
Design		-	-	75,000	-	-	\$75,000
Other		30,000	30,000	30,000	30,000	30,000	\$150,000
<b>Project total</b>		<b>\$205,000</b>	<b>\$205,000</b>	<b>\$280,000</b>	<b>\$205,000</b>	<b>\$205,000</b>	<b>\$1,100,000</b>
Nonprofit Corporation Bonds - Wastewater		205,000	205,000	-	205,000	-	\$615,000
Wastewater		-	-	280,000	-	205,000	\$485,000
<b>Funding total</b>		<b>\$205,000</b>	<b>\$205,000</b>	<b>\$280,000</b>	<b>\$205,000</b>	<b>\$205,000</b>	<b>\$1,100,000</b>
<b>WS90200056</b>	<b>23RD AVENUE WASTEWATER TREATMENT PLANT PIPE AND EQUIPMENT COATING</b>						
	Apply protective coatings to plant process equipment, structural support members, piping, tanks, motors, mechanical and related equipment at 23rd Avenue Wastewater Treatment Plant.						
							<b>Function: 23rd Avenue WWTP</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		300,000	300,000	300,000	300,000	300,000	\$1,500,000
Construction Administration		30,000	30,000	30,000	30,000	30,000	\$150,000
Other		45,000	45,000	45,000	45,000	45,000	\$225,000
<b>Project total</b>		<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$1,875,000</b>
Nonprofit Corporation Bonds - Wastewater		375,000	375,000	-	375,000	-	\$1,125,000
Wastewater		-	-	375,000	-	375,000	\$750,000
<b>Funding total</b>		<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$375,000</b>	<b>\$1,875,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90200059</b>	<b>23RD AVENUE WASTEWATER TREATMENT PLANT GRIT BASIN REPLACEMENT</b>						
	Evaluate, design and construct a new grit basin at 23rd Avenue Wastewater Treatment Plant to remove solids from the wastewater by gravitational settling.						
							<b>District: 7</b>
	Construction	-	19,000,000	-	-	-	\$19,000,000
	Construction Administration	-	1,900,000	-	-	-	\$1,900,000
	Other	65,000	55,000	55,000	20,000	-	\$195,000
	<b>Project total</b>	<b>\$65,000</b>	<b>\$20,955,000</b>	<b>\$55,000</b>	<b>\$20,000</b>	<b>-</b>	<b>\$21,095,000</b>
	Nonprofit Corporation Bonds - Wastewater	65,000	20,955,000	55,000	20,000	-	\$21,095,000
	<b>Funding total</b>	<b>\$65,000</b>	<b>\$20,955,000</b>	<b>\$55,000</b>	<b>\$20,000</b>	<b>-</b>	<b>\$21,095,000</b>
<b>WS90200060</b>	<b>23RD AVENUE WASTEWATER TREATMENT PLANT SITE MASTER PLAN</b>						
	Design and construct rehabilitation at 23rd Avenue Wastewater Treatment Plant.						
							<b>District: 7</b>
	Construction	-	-	8,000,000	-	-	\$8,000,000
	Construction Administration	-	-	800,000	-	-	\$800,000
	Design	850,000	-	-	-	-	\$850,000
	Other	30,000	20,000	30,000	10,000	-	\$90,000
	<b>Project total</b>	<b>\$880,000</b>	<b>\$20,000</b>	<b>\$8,830,000</b>	<b>\$10,000</b>	<b>-</b>	<b>\$9,740,000</b>
	Nonprofit Corporation Bonds - Wastewater	880,000	20,000	8,830,000	10,000	-	\$9,740,000
	<b>Funding total</b>	<b>\$880,000</b>	<b>\$20,000</b>	<b>\$8,830,000</b>	<b>\$10,000</b>	<b>-</b>	<b>\$9,740,000</b>
<b>WS90300008</b>	<b>CAVE CREEK WATER RECLAMATION PLANT – REHABILITATION</b>						
	Assess, design and rehabilitate equipment and systems at the Cave Creek Water Reclamation Plant.						
							<b>District: 2</b>
	Construction	-	12,000,000	-	78,800,000	66,900,000	\$157,700,000
	Construction Administration	-	2,000,000	-	16,500,000	13,500,000	\$32,000,000
	Design	5,300,000	15,500,000	-	12,500,000	-	\$33,300,000
	Other	200,000	200,000	150,000	240,000	230,000	\$1,020,000
	<b>Project total</b>	<b>\$5,500,000</b>	<b>\$29,700,000</b>	<b>\$150,000</b>	<b>\$108,040,000</b>	<b>\$80,630,000</b>	<b>\$224,020,000</b>
	Wastewater	5,500,000	29,700,000	150,000	108,040,000	80,630,000	\$224,020,000
	<b>Funding total</b>	<b>\$5,500,000</b>	<b>\$29,700,000</b>	<b>\$150,000</b>	<b>\$108,040,000</b>	<b>\$80,630,000</b>	<b>\$224,020,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90300009</b>	<b>CAVE CREEK WATER RECLAMATION PLANT – I&amp;C INSPECTION SERVICES</b>						
	Provide inspection and testing services for instrumentation and control projects at the Cave Creek Water Reclamation Plant.						
							<b>Function: Cave Creek Reclamation Plant</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	700,000	-	-	\$700,000
	Other	40,000	40,000	55,000	40,000	40,000	\$215,000
	<b>Project total</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$755,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$915,000</b>
	Nonprofit Corporation Bonds - Wastewater	40,000	40,000	755,000	40,000	40,000	\$915,000
	<b>Funding total</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$755,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$915,000</b>
<b>WS90400023</b>	<b>LIFT STATION REPLACEMENT</b>						
	Repair and replace equipment and systems at sewer lift stations.						
							<b>Function: Lift Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	2,634,000	1,775,000	1,200,000	1,200,000	2,000,000	\$8,809,000
	Construction Administration	173,000	200,000	200,000	200,000	200,000	\$973,000
	Design	142,000	330,000	250,000	300,000	300,000	\$1,322,000
	Other	160,000	160,000	160,000	160,000	160,000	\$800,000
	<b>Project total</b>	<b>\$3,109,000</b>	<b>\$2,465,000</b>	<b>\$1,810,000</b>	<b>\$1,860,000</b>	<b>\$2,660,000</b>	<b>\$11,904,000</b>
	Nonprofit Corporation Bonds - Wastewater	3,109,000	2,465,000	1,810,000	1,860,000	2,660,000	\$11,904,000
	<b>Funding total</b>	<b>\$3,109,000</b>	<b>\$2,465,000</b>	<b>\$1,810,000</b>	<b>\$1,860,000</b>	<b>\$2,660,000</b>	<b>\$11,904,000</b>
<b>WS90400067</b>	<b>WEST ANTHEM LIFT STATION AND FORCE MAINS</b>						
	Acquire land, design and construct a 3 million gallons-per-day lift station and force mains.						
							<b>Function: Lift Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	250,000	-	-	-	-	\$250,000
	Other	80,000	-	-	-	-	\$80,000
	<b>Project total</b>	<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>
	Nonprofit Corporation Bonds - Wastewater	330,000	-	-	-	-	\$330,000
	<b>Funding total</b>	<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>
<b>WS90400074</b>	<b>LIFT STATION 51 REFURBISHMENT</b>						
	Perform a condition assessment, and rehabilitate Lift Station 51.						
							<b>Function: Lift Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	2,500,000	-	\$2,500,000
	Construction Administration	-	-	-	250,000	-	\$250,000
	Design	-	-	100,000	-	-	\$100,000
	Other	-	-	12,000	12,000	-	\$24,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$112,000</b>	<b>\$2,762,000</b>	<b>-</b>	<b>\$2,874,000</b>
	Wastewater	-	-	112,000	2,762,000	-	\$2,874,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$112,000</b>	<b>\$2,762,000</b>	<b>-</b>	<b>\$2,874,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90400077</b>	<b>LIFT STATION PROCESS CONTROL OPTIMIZATION</b>						
							<b>Function: Lift Stations</b>
	Optimize process control for the City of Phoenix wastewater collection system.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		500,000	500,000	129,000	129,000	129,000	\$1,387,000
Construction Administration		100,000	100,000	80,000	80,000	80,000	\$440,000
Design		100,000	100,000	80,000	80,000	80,000	\$440,000
Other		12,000	12,000	12,000	12,000	12,000	\$60,000
<b>Project total</b>		<b>\$712,000</b>	<b>\$712,000</b>	<b>\$301,000</b>	<b>\$301,000</b>	<b>\$301,000</b>	<b>\$2,327,000</b>
Nonprofit Corporation Bonds - Wastewater		712,000	712,000	-	-	-	\$1,424,000
Wastewater		-	-	301,000	301,000	301,000	\$903,000
<b>Funding total</b>		<b>\$712,000</b>	<b>\$712,000</b>	<b>\$301,000</b>	<b>\$301,000</b>	<b>\$301,000</b>	<b>\$2,327,000</b>
<b>WS90400078</b>	<b>INSTRUMENTATION AND CONTROL INSPECTION AND COLLECTION SYSTEM</b>						
							<b>Function: Lift Stations</b>
	Complete an instrumentation and controls inspection project for the sewer collection system.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Design		800,000	400,000	-	825,000	-	\$2,025,000
Other		40,200	55,200	40,200	55,200	40,200	\$231,000
<b>Project total</b>		<b>\$840,200</b>	<b>\$455,200</b>	<b>\$40,200</b>	<b>\$880,200</b>	<b>\$40,200</b>	<b>\$2,256,000</b>
Nonprofit Corporation Bonds - Wastewater		840,200	455,200	40,200	880,200	40,200	\$2,256,000
<b>Funding total</b>		<b>\$840,200</b>	<b>\$455,200</b>	<b>\$40,200</b>	<b>\$880,200</b>	<b>\$40,200</b>	<b>\$2,256,000</b>
<b>WS90400079</b>	<b>LIFT STATION 47 ELECTRICAL AND CIVIL IMPROVEMENTS</b>						
							<b>Function: Lift Stations</b>
	Replace the electrical motor control center and automatic transfer switch at Lift Station 47.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 5</b>
Other		5,000	-	-	-	-	\$5,000
<b>Project total</b>		<b>\$5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,000</b>
Nonprofit Corporation Bonds - Wastewater		5,000	-	-	-	-	\$5,000
<b>Funding total</b>		<b>\$5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,000</b>
<b>WS90400081</b>	<b>LIFT STATION 60 ELECTRICAL UPGRADES</b>						
							<b>Function: Lift Stations</b>
	Design and construct electrical upgrades to Lift Station 60.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
Construction		-	500,000	-	-	-	\$500,000
Construction Administration		-	50,000	-	-	-	\$50,000
Design		50,000	-	-	-	-	\$50,000
Other		4,000	10,000	-	-	-	\$14,000
<b>Project total</b>		<b>\$54,000</b>	<b>\$560,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$614,000</b>
Nonprofit Corporation Bonds - Wastewater		54,000	560,000	-	-	-	\$614,000
<b>Funding total</b>		<b>\$54,000</b>	<b>\$560,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$614,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90400082</b>	<b>LIFT STATION 41 ELECTRICAL AND CIVIL IMPROVEMENTS</b>						
							Function: Lift Stations
	Design and construct electrical and civil improvements to Lift Station 41.						Strategic Plan: Infrastructure District: 6
Construction		900,000	-	-	-	-	\$900,000
Construction Administration		90,000	-	-	-	-	\$90,000
Design		600,000	-	-	-	-	\$600,000
Other		11,000	-	-	-	-	\$11,000
<b>Project total</b>		<b>\$1,601,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,601,000</b>
Nonprofit Corporation Bonds - Wastewater		1,601,000	-	-	-	-	\$1,601,000
<b>Funding total</b>		<b>\$1,601,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,601,000</b>
<b>WS90400083</b>	<b>LIFT STATION CONDITION ASSESSMENT</b>						
							Function: Lift Stations
	Perform condition assessments of lift stations.						Strategic Plan: Infrastructure District: Citywide
Construction		800,000	800,000	1,500,000	1,500,000	800,000	\$5,400,000
Construction Administration		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Design		900,000	300,000	300,000	-	-	\$1,500,000
Other		41,000	41,000	41,000	41,000	41,000	\$205,000
<b>Project total</b>		<b>\$1,941,000</b>	<b>\$1,341,000</b>	<b>\$2,041,000</b>	<b>\$1,741,000</b>	<b>\$1,041,000</b>	<b>\$8,105,000</b>
Wastewater		1,941,000	1,341,000	2,041,000	1,741,000	1,041,000	\$8,105,000
<b>Funding total</b>		<b>\$1,941,000</b>	<b>\$1,341,000</b>	<b>\$2,041,000</b>	<b>\$1,741,000</b>	<b>\$1,041,000</b>	<b>\$8,105,000</b>
<b>WS90400084</b>	<b>LIFT STATION 66 REFURBISHMENT</b>						
							Function: Lift Stations
	Design and construct improvements to Lift Station 66.						Strategic Plan: Infrastructure District: 2
Construction		3,500,000	-	-	-	-	\$3,500,000
Construction Administration		350,000	-	-	-	-	\$350,000
Other		11,000	-	-	-	-	\$11,000
<b>Project total</b>		<b>\$3,861,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,861,000</b>
Nonprofit Corporation Bonds - Wastewater		3,861,000	-	-	-	-	\$3,861,000
<b>Funding total</b>		<b>\$3,861,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,861,000</b>
<b>WS90400085</b>	<b>LIFT STATION 40 REFURBISHMENT</b>						
							Function: Lift Stations
	Design and construct improvements to Lift Station 40.						Strategic Plan: Infrastructure District: 6
Construction		5,000,000	5,000,000	-	-	-	\$10,000,000
Other		35,000	20,000	-	-	-	\$55,000
<b>Project total</b>		<b>\$5,035,000</b>	<b>\$5,020,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,055,000</b>
Nonprofit Corporation Bonds - Wastewater		5,035,000	5,020,000	-	-	-	\$10,055,000
<b>Funding total</b>		<b>\$5,035,000</b>	<b>\$5,020,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$10,055,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>WS90400086</b>	<b>LIFT STATION 61 ELECTRICAL AND CIVIL IMPROVEMENTS</b>						
Design and construct electrical and civil improvements to Lift Station 61.							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 7
Construction		-	800,000	-	-	-	\$800,000
Design		100,000	-	-	-	-	\$100,000
Other		11,000	11,000	11,000	-	-	\$33,000
Study		-	80,000	-	-	-	\$80,000
<b>Project total</b>		<b>\$111,000</b>	<b>\$891,000</b>	<b>\$11,000</b>	-	-	<b>\$1,013,000</b>
Nonprofit Corporation Bonds - Wastewater		111,000	891,000	11,000	-	-	\$1,013,000
<b>Funding total</b>		<b>\$111,000</b>	<b>\$891,000</b>	<b>\$11,000</b>	-	-	<b>\$1,013,000</b>
<b>WS90400087</b>	<b>LIFT STATION 62 ELECTRICAL AND CIVIL IMPROVEMENTS</b>						
Design and construct electrical and civil improvements to Lift Station 62.							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 7
Construction		-	800,000	-	-	-	\$800,000
Construction Administration		-	80,000	-	-	-	\$80,000
Design		100,000	-	-	-	-	\$100,000
Other		11,000	11,000	-	-	-	\$22,000
<b>Project total</b>		<b>\$111,000</b>	<b>\$891,000</b>	-	-	-	<b>\$1,002,000</b>
Nonprofit Corporation Bonds - Wastewater		111,000	891,000	-	-	-	\$1,002,000
<b>Funding total</b>		<b>\$111,000</b>	<b>\$891,000</b>	-	-	-	<b>\$1,002,000</b>
<b>WS90400088</b>	<b>LIFT STATION 64 ELECTRICAL AND CIVIL IMPROVEMENTS</b>						
Design and construct electrical and civil improvements to Lift Station 64.							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 2
Construction		1,050,000	-	-	-	-	\$1,050,000
Construction Administration		110,000	-	-	-	-	\$110,000
Other		11,000	-	-	-	-	\$11,000
<b>Project total</b>		<b>\$1,171,000</b>	-	-	-	-	<b>\$1,171,000</b>
Wastewater		1,171,000	-	-	-	-	\$1,171,000
<b>Funding total</b>		<b>\$1,171,000</b>	-	-	-	-	<b>\$1,171,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90400089</b>	<b>LIFT STATION 40 FERROUS CHLORIDE</b>						
Design and construct improvements to ferrous chloride system at Lift Station 40.						<b>Function: Lift Stations</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 6</b>	
Construction		-	800,000	-	-	-	\$800,000
Construction Administration		-	200,000	-	-	-	\$200,000
Design		200,000	-	-	-	-	\$200,000
Other		16,000	34,000	-	-	-	\$50,000
<b>Project total</b>		<b>\$216,000</b>	<b>\$1,034,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,250,000</b>
Nonprofit Corporation Bonds - Wastewater		216,000	1,034,000	-	-	-	\$1,250,000
<b>Funding total</b>		<b>\$216,000</b>	<b>\$1,034,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,250,000</b>
<b>WS90400090</b>	<b>ODOR CONTROL CITYWIDE</b>						
Assess, design and construct modifications to odor control chemical feed equipment.						<b>Function: Lift Stations</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		1,200,000	700,000	700,000	700,000	700,000	\$4,000,000
Design		70,000	70,000	70,000	70,000	70,000	\$350,000
Other		11,000	11,000	11,000	11,000	11,000	\$55,000
<b>Project total</b>		<b>\$1,281,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$4,405,000</b>
Nonprofit Corporation Bonds - Wastewater		1,281,000	781,000	781,000	781,000	-	\$3,624,000
Wastewater		-	-	-	-	781,000	\$781,000
<b>Funding total</b>		<b>\$1,281,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$781,000</b>	<b>\$4,405,000</b>
<b>WS90450007</b>	<b>ENERGY MANAGEMENT PROGRAM</b>						
Provide engineering and construction services for energy management and conservation by improving efficiency and optimizing electrical demand.						<b>Function: Buildings</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		910,000	910,000	910,000	910,000	920,000	\$4,560,000
Construction Administration		12,500	12,500	12,500	12,500	15,000	\$65,000
Design		30,000	35,000	35,000	35,000	40,000	\$175,000
Other		49,500	49,500	49,500	49,500	54,000	\$252,000
Study		17,500	17,500	17,500	17,500	20,000	\$90,000
<b>Project total</b>		<b>\$1,019,500</b>	<b>\$1,024,500</b>	<b>\$1,024,500</b>	<b>\$1,024,500</b>	<b>\$1,049,000</b>	<b>\$5,142,000</b>
Wastewater		1,019,500	1,024,500	1,024,500	1,024,500	1,049,000	\$5,142,000
<b>Funding total</b>		<b>\$1,019,500</b>	<b>\$1,024,500</b>	<b>\$1,024,500</b>	<b>\$1,024,500</b>	<b>\$1,049,000</b>	<b>\$5,142,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90450008</b>	<b>WASTEWATER SUPPORT FACILITIES REPLACEMENT</b>						
	Repair and replace assets and infrastructure at Wastewater support facilities.						
							<b>Function: Buildings</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		1,225,000	1,200,000	1,200,000	1,200,000	1,200,000	\$6,025,000
Design		-	-	150,000	-	-	\$150,000
Other		30,000	30,000	30,000	30,000	30,000	\$150,000
<b>Project total</b>		<b>\$1,255,000</b>	<b>\$1,230,000</b>	<b>\$1,380,000</b>	<b>\$1,230,000</b>	<b>\$1,230,000</b>	<b>\$6,325,000</b>
Nonprofit Corporation Bonds - Wastewater		1,255,000	1,230,000	-	-	-	\$2,485,000
Wastewater		-	-	1,380,000	1,230,000	1,230,000	\$3,840,000
<b>Funding total</b>		<b>\$1,255,000</b>	<b>\$1,230,000</b>	<b>\$1,380,000</b>	<b>\$1,230,000</b>	<b>\$1,230,000</b>	<b>\$6,325,000</b>
<b>WS90500013</b>	<b>SEWER SERVICE CONNECTIONS</b>						
	Install sewer connections ahead of paving.						
							<b>Function: Phoenix Sewers</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Other		270,000	270,000	275,000	275,000	275,000	\$1,365,000
<b>Project total</b>		<b>\$270,000</b>	<b>\$270,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,365,000</b>
Nonprofit Corporation Bonds - Wastewater		270,000	270,000	275,000	275,000	275,000	\$1,365,000
<b>Funding total</b>		<b>\$270,000</b>	<b>\$270,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,365,000</b>
<b>WS90500023</b>	<b>WASTEWATER CONSTRUCTION CONTINGENCIES</b>						
	Provide contingency funds for change orders, inflationary increases and other unexpected costs.						
							<b>Function: Phoenix Sewers</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		4,040,000	5,291,374	7,213,180	15,291,374	5,291,374	\$37,127,302
Design		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
Other		1,620,000	1,580,540	1,580,540	1,580,540	1,580,540	\$7,942,160
<b>Project total</b>		<b>\$7,660,000</b>	<b>\$8,871,914</b>	<b>\$10,793,720</b>	<b>\$18,871,914</b>	<b>\$8,871,914</b>	<b>\$55,069,462</b>
Nonprofit Corporation Bonds - Wastewater		5,620,000	6,803,194	6,700,000	12,753,194	6,803,194	\$38,679,582
Other Cities' Share in Joint Ventures		40,000	68,720	2,093,720	4,118,720	68,720	\$6,389,880
Wastewater		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
<b>Funding total</b>		<b>\$7,660,000</b>	<b>\$8,871,914</b>	<b>\$10,793,720</b>	<b>\$18,871,914</b>	<b>\$8,871,914</b>	<b>\$55,069,462</b>
<b>WS90500118</b>	<b>SMALL DIAMETER SEWER REHABILITATION</b>						
	Rehabilitate small diameter sewers citywide.						
							<b>Function: Phoenix Sewers</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	\$40,000,000
Construction Administration		80,000	2,240,000	-	3,360,000	-	\$5,680,000
Other		210,000	220,000	200,000	240,000	225,000	\$1,095,000
<b>Project total</b>		<b>\$8,290,000</b>	<b>\$10,460,000</b>	<b>\$8,200,000</b>	<b>\$11,600,000</b>	<b>\$8,225,000</b>	<b>\$46,775,000</b>
Wastewater		8,290,000	10,460,000	8,200,000	11,600,000	8,225,000	\$46,775,000
<b>Funding total</b>		<b>\$8,290,000</b>	<b>\$10,460,000</b>	<b>\$8,200,000</b>	<b>\$11,600,000</b>	<b>\$8,225,000</b>	<b>\$46,775,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90500161</b>	<b>RELIEF SEWERS CITYWIDE</b>						
Identify existing over-capacity sewer segments, develop solutions, and design and construct relief sewers citywide.						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		4,729,960	3,000,000	5,980,000	-	-	\$13,709,960
Design		2,000,000	750,000	-	-	-	\$2,750,000
Other		1,260,000	1,240,000	1,210,000	170,000	170,000	\$4,050,000
Study		-	-	-	4,980,000	4,980,000	\$9,960,000
<b>Project total</b>		<b>\$7,989,960</b>	<b>\$4,990,000</b>	<b>\$7,190,000</b>	<b>\$5,150,000</b>	<b>\$5,150,000</b>	<b>\$30,469,960</b>
Wastewater		7,989,960	4,990,000	7,190,000	5,150,000	5,150,000	\$30,469,960
<b>Funding total</b>		<b>\$7,989,960</b>	<b>\$4,990,000</b>	<b>\$7,190,000</b>	<b>\$5,150,000</b>	<b>\$5,150,000</b>	<b>\$30,469,960</b>
<b>WS90500175</b>	<b>WASTEWATER IMPACT FEE CONTINGENCY</b>						
Provide available funding for programming various impact fee areas as projects are identified.						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		36,302,920	-	-	-	-	\$36,302,920
<b>Project total</b>		<b>\$36,302,920</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$36,302,920</b>
Impact Fees		36,302,920	-	-	-	-	\$36,302,920
<b>Funding total</b>		<b>\$36,302,920</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$36,302,920</b>
<b>WS90500224</b>	<b>LIGHT RAIL NORTHWEST EXTENSION SEWER RELOCATION</b>						
Design and construct sewer relocations on 19th Avenue between Bethany Home Road and Dunlap Avenue.						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 1, 4 &amp; 5</b>	
Construction		1,200,000	300,000	300,000	-	800,000	\$2,600,000
Design		1,100,000	700,000	-	-	-	\$1,800,000
Other		260,000	115,000	115,000	10,000	155,000	\$655,000
<b>Project total</b>		<b>\$2,560,000</b>	<b>\$1,115,000</b>	<b>\$415,000</b>	<b>\$10,000</b>	<b>\$955,000</b>	<b>\$5,055,000</b>
Nonprofit Corporation Bonds - Wastewater		2,560,000	1,115,000	415,000	10,000	-	\$4,100,000
Wastewater		-	-	-	-	955,000	\$955,000
<b>Funding total</b>		<b>\$2,560,000</b>	<b>\$1,115,000</b>	<b>\$415,000</b>	<b>\$10,000</b>	<b>\$955,000</b>	<b>\$5,055,000</b>
<b>WS90500232</b>	<b>SEWER ANNUAL EMERGENCY REPAIR CONTRACT</b>						
Emergency repair of sewer mains, manholes, lift stations, and force mains.						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		1,000,000	1,000,000	1,000,000	1,200,000	1,200,000	\$5,400,000
Construction Administration		-	-	310,000	-	500,000	\$810,000
Other		154,000	154,000	180,000	154,000	180,000	\$822,000
<b>Project total</b>		<b>\$1,154,000</b>	<b>\$1,154,000</b>	<b>\$1,490,000</b>	<b>\$1,354,000</b>	<b>\$1,880,000</b>	<b>\$7,032,000</b>
Nonprofit Corporation Bonds - Wastewater		1,154,000	1,154,000	1,490,000	1,354,000	1,880,000	\$7,032,000
<b>Funding total</b>		<b>\$1,154,000</b>	<b>\$1,154,000</b>	<b>\$1,490,000</b>	<b>\$1,354,000</b>	<b>\$1,880,000</b>	<b>\$7,032,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90500235</b>	<b>NORTHERN WASTEWATER DESERT VIEW INFRASTRUCTURE</b>						
						<b>Function: Phoenix Sewers</b>	
Construct large growth-related wastewater infrastructure in the Desert View impact fee area.						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 2</b>	
Construction		6,367,832	-	-	-	-	\$6,367,832
<b>Project total</b>		<b>\$6,367,832</b>	-	-	-	-	<b>\$6,367,832</b>
Impact Fees		6,367,832	-	-	-	-	\$6,367,832
<b>Funding total</b>		<b>\$6,367,832</b>	-	-	-	-	<b>\$6,367,832</b>
<b>WS90500236</b>	<b>NORTHERN WASTEWATER NORTH GATEWAY INFRASTRUCTURE</b>						
						<b>Function: Phoenix Sewers</b>	
Construct large growth-related wastewater infrastructure in the North Gateway impact fee area.						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 1 &amp; 2</b>	
Construction		6,590,986	-	-	-	-	\$6,590,986
<b>Project total</b>		<b>\$6,590,986</b>	-	-	-	-	<b>\$6,590,986</b>
Impact Fees		6,590,986	-	-	-	-	\$6,590,986
<b>Funding total</b>		<b>\$6,590,986</b>	-	-	-	-	<b>\$6,590,986</b>
<b>WS90500237</b>	<b>SOUTHERN WASTEWATER LAVEEN WEST INFRASTRUCTURE</b>						
						<b>Function: Phoenix Sewers</b>	
Construct large growth-related wastewater infrastructure in the Laveen West impact fee area.						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 7</b>	
Construction		5,474,079	1,606,825	-	-	-	\$7,080,904
<b>Project total</b>		<b>\$5,474,079</b>	<b>\$1,606,825</b>	-	-	-	<b>\$7,080,904</b>
Impact Fees		5,474,079	1,606,825	-	-	-	\$7,080,904
<b>Funding total</b>		<b>\$5,474,079</b>	<b>\$1,606,825</b>	-	-	-	<b>\$7,080,904</b>
<b>WS90500265</b>	<b>39TH AVENUE INTERCEPTOR ODOR CONTROL</b>						
						<b>Function: Phoenix Sewers</b>	
Acquire land, design and construct various odor control facilities on the 39th Avenue interceptor from Pinnacle Peak Road to Lower Buckeye Road.						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 1, 4, 5 &amp; 7</b>	
Construction		700,000	-	-	-	1,000,000	\$1,700,000
Construction Administration		100,000	-	-	-	150,000	\$250,000
Design		-	-	190,000	-	-	\$190,000
Land Acquisition		-	-	500,000	-	-	\$500,000
Other		31,000	31,000	10,000	-	-	\$72,000
<b>Project total</b>		<b>\$831,000</b>	<b>\$31,000</b>	<b>\$700,000</b>	-	<b>\$1,150,000</b>	<b>\$2,712,000</b>
Nonprofit Corporation Bonds - Wastewater		831,000	31,000	-	-	-	\$862,000
Wastewater		-	-	700,000	-	1,150,000	\$1,850,000
<b>Funding total</b>		<b>\$831,000</b>	<b>\$31,000</b>	<b>\$700,000</b>	-	<b>\$1,150,000</b>	<b>\$2,712,000</b>





**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90500273</b>	<b>LARGE DIAMETER SEWER PROGRAM</b>						
Rehabilitate or replace non Cured-In-Place Pipe-lined concrete and non PVC-lined concrete 15-inch and larger diameter sanitary interceptor sewers.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		-	9,000,000	-	-	-	\$9,000,000
Construction Administration		-	1,500,000	-	-	-	\$1,500,000
Other		115,000	155,000	115,000	-	130,000	\$515,000
Study		-	-	-	-	4,000,000	\$4,000,000
<b>Project total</b>		<b>\$115,000</b>	<b>\$10,655,000</b>	<b>\$115,000</b>	<b>-</b>	<b>\$4,130,000</b>	<b>\$15,015,000</b>
Wastewater		115,000	10,655,000	115,000	-	4,130,000	\$15,015,000
<b>Funding total</b>		<b>\$115,000</b>	<b>\$10,655,000</b>	<b>\$115,000</b>	<b>-</b>	<b>\$4,130,000</b>	<b>\$15,015,000</b>
<b>WS90500276</b>	<b>WEST ANTHEM 18-INCH GRAVITY SEWER</b>						
Acquire land, design and construct 22,500 linear feet of 18-inch diameter gravity sewer main west and east of I-17 to serve City of Phoenix customers in West Anthem.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 1</b>							
Construction		235,000	-	-	-	-	\$235,000
Other		95,000	-	-	-	-	\$95,000
<b>Project total</b>		<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>
Nonprofit Corporation Bonds - Wastewater		330,000	-	-	-	-	\$330,000
<b>Funding total</b>		<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>
<b>WS90500286</b>	<b>24-INCH GRAVITY SEWER 59TH AVENUE FROM BASELINE ROAD TO DOBBINS ROAD</b>						
Design and construct a 24-inch gravity sewer along 59th Avenue from Baseline Road to Dobbins Road.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 7 &amp; 8</b>							
Construction		3,750,000	-	-	-	-	\$3,750,000
Construction Administration		400,000	-	-	-	-	\$400,000
Other		385,000	-	-	-	-	\$385,000
<b>Project total</b>		<b>\$4,535,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,535,000</b>
Impact Fees		4,535,000	-	-	-	-	\$4,535,000
<b>Funding total</b>		<b>\$4,535,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,535,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90500293</b>	<b>SEWER IMPROVEMENT DISTRICT</b>						
Install sewer mains in residential areas that have formed and approved sewer improvement districts.							
						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		-	1,600,000	-	-	-	\$1,600,000
Construction Administration		-	160,000	-	-	-	\$160,000
Design		140,000	-	-	-	-	\$140,000
Other		60,000	40,000	-	-	-	\$100,000
<b>Project total</b>		<b>\$200,000</b>	<b>\$1,800,000</b>	-	-	-	<b>\$2,000,000</b>
Nonprofit Corporation Bonds - Wastewater		200,000	1,800,000	-	-	-	\$2,000,000
<b>Funding total</b>		<b>\$200,000</b>	<b>\$1,800,000</b>	-	-	-	<b>\$2,000,000</b>
<b>WS90500294</b>	<b>SOUTH MOUNTAIN SEWER RELOCATIONS</b>						
Perform sewer relocations associated with the new South Mountain Freeway.							
						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 6, 7 &amp; 8</b>	
Other		80,000	-	-	-	-	\$80,000
<b>Project total</b>		<b>\$80,000</b>	-	-	-	-	<b>\$80,000</b>
Nonprofit Corporation Bonds - Wastewater		80,000	-	-	-	-	\$80,000
<b>Funding total</b>		<b>\$80,000</b>	-	-	-	-	<b>\$80,000</b>
<b>WS90500295</b>	<b>RELIEF SEWER PROJECT – VAN BUREN STREET BETWEEN 52ND STREET AND THE PHOENIX ZOO</b>						
Study, design and construct relief sewer improvements along Van Buren Street between 52nd Street and the Phoenix Zoo.							
						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 6</b>	
Other		425,000	-	-	-	-	\$425,000
<b>Project total</b>		<b>\$425,000</b>	-	-	-	-	<b>\$425,000</b>
Nonprofit Corporation Bonds - Wastewater		425,000	-	-	-	-	\$425,000
<b>Funding total</b>		<b>\$425,000</b>	-	-	-	-	<b>\$425,000</b>
<b>WS90500299</b>	<b>SEWER MAIN REPLACEMENT</b>						
Replace and/or rehabilitate deteriorated sewer mains and manholes ahead of street paving projects.							
						<b>Function: Phoenix Sewers</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		900,000	900,000	900,000	900,000	900,000	\$4,500,000
Construction Administration		-	250,000	-	375,000	-	\$625,000
Other		790,000	780,000	780,000	780,000	780,000	\$3,910,000
<b>Project total</b>		<b>\$1,690,000</b>	<b>\$1,930,000</b>	<b>\$1,680,000</b>	<b>\$2,055,000</b>	<b>\$1,680,000</b>	<b>\$9,035,000</b>
Wastewater		1,690,000	1,930,000	1,680,000	2,055,000	1,680,000	\$9,035,000
<b>Funding total</b>		<b>\$1,690,000</b>	<b>\$1,930,000</b>	<b>\$1,680,000</b>	<b>\$2,055,000</b>	<b>\$1,680,000</b>	<b>\$9,035,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Wastewater**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>WS90501000</b>	<b>FORCE MAIN CONDITION ASSESSMENT AND REHABILITATION</b>						
Assess the condition of and rehabilitate City of Phoenix wastewater collection system force mains.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		10,575,000	-	8,900,000	8,925,000	5,644,000	\$34,044,000
Construction Administration		1,020,000	255,000	445,000	200,000	80,000	\$2,000,000
Design		425,000	500,000	1,225,000	125,000	80,000	\$2,355,000
Other		198,000	190,000	134,000	114,000	81,000	\$717,000
Study		400,000	400,000	400,000	-	-	\$1,200,000
<b>Project total</b>		<b>\$12,618,000</b>	<b>\$1,345,000</b>	<b>\$11,104,000</b>	<b>\$9,364,000</b>	<b>\$5,885,000</b>	<b>\$40,316,000</b>
Wastewater		12,618,000	1,345,000	11,104,000	9,364,000	5,885,000	\$40,316,000
<b>Funding total</b>		<b>\$12,618,000</b>	<b>\$1,345,000</b>	<b>\$11,104,000</b>	<b>\$9,364,000</b>	<b>\$5,885,000</b>	<b>\$40,316,000</b>
<b>WS90501001</b>	<b>LIFT STATION 46 FORCE MAIN</b>						
Design and construct a new force main at Lift Station 46.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 5</b>							
Construction		-	2,500,000	-	-	-	\$2,500,000
Construction Administration		250,000	-	-	-	-	\$250,000
Other		11,000	24,000	20,000	-	-	\$55,000
<b>Project total</b>		<b>\$261,000</b>	<b>\$2,524,000</b>	<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>\$2,805,000</b>
Wastewater		261,000	2,524,000	20,000	-	-	\$2,805,000
<b>Funding total</b>		<b>\$261,000</b>	<b>\$2,524,000</b>	<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>\$2,805,000</b>
<b>WS90501002</b>	<b>LIFT STATION REDUNDANT FORCE MAIN</b>						
Design redundant force mains at lift stations 49, 53, 57 and 58.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 6</b>							
Other		-	1,545,000	-	-	-	\$1,545,000
<b>Project total</b>		<b>-</b>	<b>\$1,545,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,545,000</b>
Wastewater		-	1,545,000	-	-	-	\$1,545,000
<b>Funding total</b>		<b>-</b>	<b>\$1,545,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,545,000</b>
<b>WS90501005</b>	<b>WEST ANTHEM FORCE MAINS</b>						
Install 4,800 linear feet of one 6-inch and two 14-inch force mains from the proposed lift station site to the force main outlet structure located just south of Pioneer Road on the west side of I-17.							
<b>Function: Phoenix Sewers</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 1</b>							
Construction		250,000	-	-	-	-	\$250,000
Other		80,000	-	-	-	-	\$80,000
<b>Project total</b>		<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>
Nonprofit Corporation Bonds - Wastewater		330,000	-	-	-	-	\$330,000
<b>Funding total</b>		<b>\$330,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$330,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Wastewater**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS90660007</b>	<b>WORK ORDER AND ASSET MANAGEMENT SYSTEM</b>						
							Function: Automation
	Install and configure a computer maintenance management system to document assets and track the associated maintenance activities.						Strategic Plan: Technology
							District: Citywide
Design		1,408,000	-	163,364	-	-	\$1,571,364
<b>Project total</b>		<b>\$1,408,000</b>	<b>-</b>	<b>\$163,364</b>	<b>-</b>	<b>-</b>	<b>\$1,571,364</b>
Nonprofit Corporation Bonds - Wastewater		1,408,000	-	-	-	-	\$1,408,000
Wastewater		-	-	163,364	-	-	\$163,364
<b>Funding total</b>		<b>\$1,408,000</b>	<b>-</b>	<b>\$163,364</b>	<b>-</b>	<b>-</b>	<b>\$1,571,364</b>
<b>WS90660011</b>	<b>MASTER AS-BUILTS RECORD MANAGEMENT – WASTEWATER FACILITIES</b>						
							Function: Automation
	Purchase a records management system to consolidate, maintain and secure construction documents and operations/maintenance manuals for all facilities.						Strategic Plan: Technology
							District: Citywide
Equipment		10,000	10,000	-	-	-	\$20,000
<b>Project total</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$20,000</b>
Nonprofit Corporation Bonds - Wastewater		10,000	10,000	-	-	-	\$20,000
<b>Funding total</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$20,000</b>
<b>WS90660014</b>	<b>METERING STATION COMMUNICATIONS</b>						
							Function: Automation
	Replace the metering station telephone communications with radio communications.						Strategic Plan: Technology
							District: Citywide
Construction		500,000	-	-	-	-	\$500,000
Construction Administration		50,000	-	-	-	-	\$50,000
Other		30,000	-	-	-	-	\$30,000
<b>Project total</b>		<b>\$580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$580,000</b>
Nonprofit Corporation Bonds - Wastewater		580,000	-	-	-	-	\$580,000
<b>Funding total</b>		<b>\$580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$580,000</b>
<b>Program total</b>		<b>\$193,035,477</b>	<b>\$181,059,439</b>	<b>\$131,553,676</b>	<b>\$318,964,614</b>	<b>\$206,845,114</b>	<b>\$1,031,458,320</b>

## Water

### Preliminary Capital Improvement Program Summary

Project Summary	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>Use of Funds</b>						
<u>Functional Area</u>						
24th Street Plant	21,579,390	410,000	5,460,000	405,000	32,390,000	\$60,244,390
Automation	5,372,000	-	5,321,623	5,000,000	550,000	\$16,243,623
Boosters	18,435,000	181,015,000	3,294,723	45,849,083	10,310,168	\$258,903,974
Buildings	24,227,500	2,307,500	2,267,500	4,617,500	27,646,000	\$61,066,000
Debt Service	500,000	-	-	-	-	\$500,000
Deer Valley Plant	3,890,000	385,000	22,990,000	485,000	5,110,000	\$32,860,000
Lake Pleasant Plant	50,000	-	-	-	-	\$50,000
Percent for Art	1,261,317	-	-	-	-	\$1,261,317
Power Redundancy	-	2,968,455	15,654,830	1,707,795	4,926,180	\$25,257,260
Pressure Reducing Valve Stations	5,156,000	26,306,332	355,000	480,000	1,421,000	\$33,718,332
Production	31,302,211	20,420,000	18,975,000	24,534,650	22,140,000	\$117,371,861
Security	280,000	280,000	280,000	-	-	\$840,000
Storage	14,750,000	11,560,000	13,020,000	7,655,000	10,325,000	\$57,310,000
Union Hills Plant	235,000	4,450,000	395,000	26,340,000	235,000	\$31,655,000
Val Vista Plant	34,463,000	640,000	596,262	4,950,000	445,000	\$41,094,262
Verde Plant	100,000	-	-	-	-	\$100,000
Water Mains	150,216,257	228,496,367	136,852,659	134,320,537	153,469,819	\$803,355,639
Water Resiliency	13,400,000	13,800,000	14,200,000	14,600,000	15,200,000	\$71,200,000
Water System Studies	3,729,400	-	-	-	-	\$3,729,400
Wells	33,781,000	23,435,000	6,885,000	480,000	-	\$64,581,000
<b>Total</b>	<b>\$362,728,075</b>	<b>\$516,473,654</b>	<b>\$246,547,597</b>	<b>\$271,424,565</b>	<b>\$284,168,167</b>	<b>\$1,681,342,058</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Solid Waste	-	-	1,550,000	1,550,000	-	\$3,100,000
Wastewater	10,980,000	20,000	1,650,000	2,825,000	12,675,000	\$28,150,000
Water	120,909,043	99,528,317	111,621,874	97,673,380	99,122,975	\$528,855,589
<b>Total Operating Funds</b>	<b>\$131,889,043</b>	<b>\$99,548,317</b>	<b>\$114,821,874</b>	<b>\$102,048,380</b>	<b>\$111,797,975</b>	<b>\$560,105,589</b>
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Wastewater	1,261,317	-	-	-	-	\$1,261,317
Nonprofit Corporation Bonds - Water	198,633,779	393,304,010	122,088,793	160,342,140	158,332,323	\$1,032,701,045
<b>Total Bond Funds</b>	<b>\$199,895,096</b>	<b>\$393,304,010</b>	<b>\$122,088,793</b>	<b>\$160,342,140</b>	<b>\$158,332,323</b>	<b>\$1,033,962,362</b>
<u>Other Capital Funds</u>						
Impact Fees	10,845,123	17,359,503	4,604,000	2,220,000	7,855,820	\$42,884,446
Other Cities' Share in Joint Ventures	20,098,813	6,261,824	5,032,930	6,814,045	6,182,049	\$44,389,661
<b>Total Other Capital Funds</b>	<b>\$30,943,936</b>	<b>\$23,621,327</b>	<b>\$9,636,930</b>	<b>\$9,034,045</b>	<b>\$14,037,869</b>	<b>\$87,274,107</b>
<b>Program Total</b>	<b>\$362,728,075</b>	<b>\$516,473,654</b>	<b>\$246,547,597</b>	<b>\$271,424,565</b>	<b>\$284,168,167</b>	<b>\$1,681,342,058</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85010030</b>	<b>ARSENIC TREATMENT FOR GROUNDWATER</b>						
	Design, construct or rehabilitate arsenic treatment facilities at various well sites.						
							<b>Function: Wells</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		-	-	250,000	250,000	-	\$500,000
Construction Administration		-	-	25,000	25,000	-	\$50,000
Design		50,000	50,000	-	-	-	\$100,000
Other		15,000	15,000	15,000	15,000	-	\$60,000
<b>Project total</b>		<b>\$65,000</b>	<b>\$65,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>-</b>	<b>\$710,000</b>
Water		65,000	65,000	290,000	290,000	-	\$710,000
<b>Funding total</b>		<b>\$65,000</b>	<b>\$65,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>-</b>	<b>\$710,000</b>
<b>WS85010045</b>	<b>SUPERBLOCK 8 WELL SITE</b>						
	Acquire land, design and construct a new well to supply Superblock 8 at the corner of 40th Street and Deer Valley Road.						
							<b>Function: Wells</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
Construction		1,250,000	-	2,755,000	-	-	\$4,005,000
Construction Administration		175,000	-	400,000	-	-	\$575,000
Design		75,000	440,000	-	-	-	\$515,000
Other		95,000	95,000	95,000	95,000	-	\$380,000
<b>Project total</b>		<b>\$1,595,000</b>	<b>\$535,000</b>	<b>\$3,250,000</b>	<b>\$95,000</b>	<b>-</b>	<b>\$5,475,000</b>
Water		1,595,000	535,000	3,250,000	95,000	-	\$5,475,000
<b>Funding total</b>		<b>\$1,595,000</b>	<b>\$535,000</b>	<b>\$3,250,000</b>	<b>\$95,000</b>	<b>-</b>	<b>\$5,475,000</b>
<b>WS85010051</b>	<b>AQUIFER STORAGE RECOVERY WELL 303</b>						
	Drill, install and equip an aquifer storage recovery well.						
							<b>Function: Wells</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
Estimated full-year ongoing operating costs:		\$33,300					
Other		95,000	-	-	-	-	\$95,000
<b>Project total</b>		<b>\$95,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$95,000</b>
Water		95,000	-	-	-	-	\$95,000
<b>Funding total</b>		<b>\$95,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$95,000</b>
<b>WS85010052</b>	<b>AQUIFER STORAGE RECOVERY WELLS 302 AND 317</b>						
	Drill, install and equip aquifer storage recovery wells.						
							<b>Function: Wells</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
Construction		1,250,000	-	2,800,000	-	-	\$4,050,000
Construction Administration		180,000	-	-	-	-	\$180,000
Design		80,000	440,000	450,000	-	-	\$970,000
Other		95,000	95,000	95,000	95,000	-	\$380,000
<b>Project total</b>		<b>\$1,605,000</b>	<b>\$535,000</b>	<b>\$3,345,000</b>	<b>\$95,000</b>	<b>-</b>	<b>\$5,580,000</b>
Water		1,605,000	535,000	3,345,000	95,000	-	\$5,580,000
<b>Funding total</b>		<b>\$1,605,000</b>	<b>\$535,000</b>	<b>\$3,345,000</b>	<b>\$95,000</b>	<b>-</b>	<b>\$5,580,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85010053</b>	<b>AQUIFER STORAGE RECOVERY WELL 314</b>						
	Drill, install and equip an aquifer storage recovery well.						
	Estimated full-year ongoing operating costs:	\$33,300					
	Construction	2,800,000	-	-	-	-	\$2,800,000
	Construction Administration	420,000	-	-	-	-	\$420,000
	Other	95,000	95,000	-	-	-	\$190,000
	<b>Project total</b>	<b>\$3,315,000</b>	<b>\$95,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,410,000</b>
	Water	3,315,000	95,000	-	-	-	\$3,410,000
	<b>Funding total</b>	<b>\$3,315,000</b>	<b>\$95,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,410,000</b>
<b>WS85010054</b>	<b>GROUNDWATER WELLS</b>						
	Design and construct new water supply wells to mitigate against drought and system outages.						
	Construction	21,951,000	19,930,000	-	-	-	\$41,881,000
	Construction Administration	1,550,000	1,870,000	-	-	-	\$3,420,000
	Design	1,725,000	-	-	-	-	\$1,725,000
	Other	350,000	405,000	-	-	-	\$755,000
	<b>Project total</b>	<b>\$25,576,000</b>	<b>\$22,205,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$47,781,000</b>
	Nonprofit Corporation Bonds - Water	25,576,000	22,205,000	-	-	-	\$47,781,000
	<b>Funding total</b>	<b>\$25,576,000</b>	<b>\$22,205,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$47,781,000</b>
<b>WS85010058</b>	<b>PRODUCTION WELLS 315 AND 316</b>						
	Drill and replace wells 237 and 238 with wells 315 and 316.						
	Construction	1,500,000	-	-	-	-	\$1,500,000
	Other	30,000	-	-	-	-	\$30,000
	<b>Project total</b>	<b>\$1,530,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,530,000</b>
	Nonprofit Corporation Bonds - Water	1,530,000	-	-	-	-	\$1,530,000
	<b>Funding total</b>	<b>\$1,530,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,530,000</b>
<b>WS85050019</b>	<b>CONCRETE RESERVOIR REHABILITATION</b>						
	Design and rehabilitate concrete reservoirs as needed.						
	Construction	4,590,000	4,590,000	4,590,000	3,590,000	3,590,000	\$20,950,000
	Construction Administration	300,000	300,000	300,000	300,000	300,000	\$1,500,000
	Design	870,000	870,000	870,000	370,000	3,000,000	\$5,980,000
	Other	290,000	290,000	290,000	290,000	290,000	\$1,450,000
	<b>Project total</b>	<b>\$6,050,000</b>	<b>\$6,050,000</b>	<b>\$6,050,000</b>	<b>\$4,550,000</b>	<b>\$7,180,000</b>	<b>\$29,880,000</b>
	Nonprofit Corporation Bonds - Water	6,050,000	6,050,000	6,050,000	4,550,000	7,180,000	\$29,880,000
	<b>Funding total</b>	<b>\$6,050,000</b>	<b>\$6,050,000</b>	<b>\$6,050,000</b>	<b>\$4,550,000</b>	<b>\$7,180,000</b>	<b>\$29,880,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85050023</b>	<b>STEEL TANK REHABILITATION</b>						
	Design and rehabilitate steel tanks as needed.						
							<b>Function: Storage</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	2,720,000	2,300,000	2,180,000	2,280,000	2,270,000	\$11,750,000
	Construction Administration	360,000	240,000	240,000	240,000	240,000	\$1,320,000
	Design	425,000	425,000	425,000	425,000	425,000	\$2,125,000
	Other	120,000	120,000	120,000	120,000	120,000	\$600,000
	<b>Project total</b>	<b>\$3,625,000</b>	<b>\$3,085,000</b>	<b>\$2,965,000</b>	<b>\$3,065,000</b>	<b>\$3,055,000</b>	<b>\$15,795,000</b>
	Nonprofit Corporation Bonds - Water	3,625,000	3,085,000	2,965,000	3,065,000	3,055,000	\$15,795,000
	<b>Funding total</b>	<b>\$3,625,000</b>	<b>\$3,085,000</b>	<b>\$2,965,000</b>	<b>\$3,065,000</b>	<b>\$3,055,000</b>	<b>\$15,795,000</b>
<b>WS85050042</b>	<b>RESERVOIR DAM ASSESSMENT PROGRAM</b>						
	Assess, and prepare required documents for all the reservoirs considered jurisdictional dams by the Arizona Department of Water Resources.						
							<b>Function: Storage</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1, 3 &amp; 6</b>
	Other	20,000	20,000	20,000	20,000	20,000	\$100,000
	Study	20,000	20,000	20,000	20,000	70,000	\$150,000
	<b>Project total</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$90,000</b>	<b>\$250,000</b>
	Water	40,000	40,000	40,000	40,000	90,000	\$250,000
	<b>Funding total</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$90,000</b>	<b>\$250,000</b>
<b>WS85050047</b>	<b>UNION HILLS RESERVOIR REHABILITATION</b>						
	Design Union Hills reservoir rehabilitation project including roof replacement, new membrane liner and any work associated to take the reservoir out of service during the rehabilitation project.						
							<b>Function: Storage</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	4,500,000	-	3,600,000	-	-	\$8,100,000
	Construction Administration	470,000	-	300,000	-	-	\$770,000
	Design	-	300,000	-	-	-	\$300,000
	Other	65,000	55,000	65,000	-	-	\$185,000
	<b>Project total</b>	<b>\$5,035,000</b>	<b>\$355,000</b>	<b>\$3,965,000</b>	<b>-</b>	<b>-</b>	<b>\$9,355,000</b>
	Water	5,035,000	355,000	3,965,000	-	-	\$9,355,000
	<b>Funding total</b>	<b>\$5,035,000</b>	<b>\$355,000</b>	<b>\$3,965,000</b>	<b>-</b>	<b>-</b>	<b>\$9,355,000</b>
<b>WS85050049</b>	<b>6B-ES1 (5 MILLION GALLONS) RESERVOIR</b>						
	Acquire land and install a 5 million gallon reservoir located at 7th Street and Carefree Highway.						
							<b>Function: Storage</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Land Acquisition	-	2,000,000	-	-	-	\$2,000,000
	Other	-	30,000	-	-	-	\$30,000
	<b>Project total</b>	<b>-</b>	<b>\$2,030,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,030,000</b>
	Water	-	2,030,000	-	-	-	\$2,030,000
	<b>Funding total</b>	<b>-</b>	<b>\$2,030,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,030,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85100031</b>	<b>BOOSTER PROCESS CONTROL OPTIMIZATION – REMOTE TERMINAL UNIT REPLACEMENT</b>						
	Replace remote terminal units with programmable logic controllers at water remote facilities.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	500,000	-	-	-	-	\$500,000
	Construction Administration	250,000	-	-	-	-	\$250,000
	Design	250,000	-	-	-	-	\$250,000
	Equipment	75,000	25,000	25,000	25,000	-	\$150,000
	Other	260,000	-	-	-	-	\$260,000
	<b>Project total</b>	<b>\$1,335,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$1,410,000</b>
	Water	1,335,000	25,000	25,000	25,000	-	\$1,410,000
	<b>Funding total</b>	<b>\$1,335,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$1,410,000</b>
<b>WS85100032</b>	<b>BOOSTER PUMP STATION REPLACEMENT PROGRAM</b>						
	Design and construct improvements to booster pump station facilities.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	15,050,000	18,500,000	-	22,620,000	8,000,000	\$64,170,000
	Construction Administration	1,600,000	1,825,000	-	2,250,000	800,000	\$6,475,000
	Design	-	1,650,000	600,000	800,000	800,000	\$3,850,000
	Other	150,000	125,000	150,000	110,000	125,000	\$660,000
	Study	-	-	-	400,000	-	\$400,000
	<b>Project total</b>	<b>\$16,800,000</b>	<b>\$22,100,000</b>	<b>\$750,000</b>	<b>\$26,180,000</b>	<b>\$9,725,000</b>	<b>\$75,555,000</b>
	Nonprofit Corporation Bonds - Water	16,800,000	22,100,000	750,000	26,180,000	9,725,000	\$75,555,000
	<b>Funding total</b>	<b>\$16,800,000</b>	<b>\$22,100,000</b>	<b>\$750,000</b>	<b>\$26,180,000</b>	<b>\$9,725,000</b>	<b>\$75,555,000</b>
<b>WS85100041</b>	<b>MOON VALLEY RAW WATER PIPELINE AND PUMP STATION</b>						
	Construct a private development-driven raw water pump and waterline project to provide raw water from SRP canal to Cave Creek, Moon Valley and Point Tapatio Golf Courses.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: 3</b>
	Other	50,000	20,000	-	-	-	\$70,000
	<b>Project total</b>	<b>\$50,000</b>	<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$70,000</b>
	Water	50,000	20,000	-	-	-	\$70,000
	<b>Funding total</b>	<b>\$50,000</b>	<b>\$20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$70,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85100043</b>	<b>BOOSTER 7A-B3 5 MILLION GALLON – 56TH STREET AND PINNACLE PEAK ROAD</b>						
	Construct a new booster station to serve pressure zone 7A, located at Pinnacle Peak Tank site 7A-GS2 at 56th Street and Pinnacle Peak Road.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	-	-	224,500	\$224,500
	Other	-	-	-	-	33,700	\$33,700
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$258,200</b>	<b>\$258,200</b>
	Impact Fees	-	-	-	-	258,200	\$258,200
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$258,200</b>	<b>\$258,200</b>
<b>WS85100044</b>	<b>BOOSTER PUMP STATIONS 3SE-B1 AND 2S-B3</b>						
	Design and construct the rehabilitation and/or replacement of booster pump stations located at 7615 South 42nd Place.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Other	75,000	-	-	-	-	\$75,000
	<b>Project total</b>	<b>\$75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$75,000</b>
	Nonprofit Corporation Bonds - Water	75,000	-	-	-	-	\$75,000
	<b>Funding total</b>	<b>\$75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$75,000</b>
<b>WS85100045</b>	<b>1-NB5 IN-LINE BOOSTER STATION</b>						
	Design and construct a 40 million gallons per day capacity booster station located at Broadway Road and 35th Avenue.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	-	17,039,360	-	\$17,039,360
	Construction Administration	-	-	-	2,044,723	-	\$2,044,723
	Design	-	-	2,044,723	-	-	\$2,044,723
	Other	-	-	200,000	325,000	326,968	\$851,968
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$2,244,723</b>	<b>\$19,409,083</b>	<b>\$326,968</b>	<b>\$21,980,774</b>
	Water	-	-	2,244,723	19,409,083	326,968	\$21,980,774
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$2,244,723</b>	<b>\$19,409,083</b>	<b>\$326,968</b>	<b>\$21,980,774</b>
<b>WS85100046</b>	<b>4A-NB9 IN-LINE BOOSTER STATION</b>						
	Design and construct a 40 million gallons per day booster station located at Central Avenue and Deer Valley Road.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	28,000,000	-	-	-	\$28,000,000
	Construction Administration	-	2,800,000	-	-	-	\$2,800,000
	Other	35,000	60,000	60,000	50,000	-	\$205,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$30,860,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$31,005,000</b>
	Nonprofit Corporation Bonds - Water	35,000	30,860,000	60,000	50,000	-	\$31,005,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$30,860,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$31,005,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85100047</b>	<b>4A-NB10 BOOSTER STATION</b>						
	Design and construct 40 million gallons per day booster station at 24th Street Water Treatment Plant to boost water to the Central Arizona Project service area during time of water shortages.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	27,500,000	-	-	-	\$27,500,000
	Construction Administration	-	5,750,000	-	-	-	\$5,750,000
	Other	35,000	60,000	60,000	50,000	-	\$205,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$33,310,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$33,455,000</b>
	Nonprofit Corporation Bonds - Water	35,000	33,310,000	60,000	50,000	-	\$33,455,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$33,310,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$33,455,000</b>
<b>WS85100050</b>	<b>BOOSTER PUMP STATION REPLACEMENT AT DEER VALLEY DEER VALLEY WATER TREATMENT PLANT</b>						
	Rebuild the existing Booster Pump Station at Deer Valley Water Treatment Plant to increase capacity to 40 million gallons per day.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	25,500,000	-	-	-	\$25,500,000
	Construction Administration	-	2,550,000	-	-	-	\$2,550,000
	Other	35,000	60,000	60,000	50,000	-	\$205,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$28,110,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$28,255,000</b>
	Nonprofit Corporation Bonds - Water	35,000	28,110,000	60,000	50,000	-	\$28,255,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$28,110,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$28,255,000</b>
<b>WS85100052</b>	<b>1-B5 AND 2A-B13 BOOSTER PUMP STATION PROJECT</b>						
	Replace a booster pump station at Deer Valley Water Treatment Plant.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	32,450,000	-	-	-	\$32,450,000
	Construction Administration	-	3,245,000	-	-	-	\$3,245,000
	Other	35,000	60,000	60,000	60,000	-	\$215,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$35,755,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>-</b>	<b>\$35,910,000</b>
	Nonprofit Corporation Bonds - Water	35,000	35,755,000	60,000	60,000	-	\$35,910,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$35,755,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>-</b>	<b>\$35,910,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85100053</b>	<b>4A-B11 BOOSTER PUMP STATION</b>						
	Construct a 40 million gallon booster pump station at 32nd Street and Bell Road.						
							<b>Function: Boosters</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	28,000,000	-	-	-	\$28,000,000
	Construction Administration	-	2,800,000	-	-	-	\$2,800,000
	Other	35,000	35,000	35,000	25,000	-	\$130,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$30,835,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$30,930,000</b>
	Nonprofit Corporation Bonds - Water	35,000	30,835,000	35,000	25,000	-	\$30,930,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$30,835,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$30,930,000</b>
<b>WS85110002</b>	<b>OS-NR8 PRESSURE REDUCING VALVE STATION</b>						
	Design and construct a 2.5 million gallon per day pressure reducing valve station at 51st Avenue and Elliot Road.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Design	266,000	-	-	-	-	\$266,000
	Other	25,000	1,162,000	-	-	-	\$1,187,000
	<b>Project total</b>	<b>\$291,000</b>	<b>\$1,162,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,453,000</b>
	Impact Fees	291,000	1,162,000	-	-	-	\$1,453,000
	<b>Funding total</b>	<b>\$291,000</b>	<b>\$1,162,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,453,000</b>
<b>WS85110003</b>	<b>5E-R6 PRESSURE REDUCING VALVE STATION</b>						
	Design and construct a 5 million gallon per day pressure reducing valve station and 500 feet of 16-inch water main on Scottsdale Road north of Mayo Boulevard.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	-	1,356,000	\$1,356,000
	Design	-	-	-	335,000	-	\$335,000
	Other	-	-	-	20,000	65,000	\$85,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$355,000</b>	<b>\$1,421,000</b>	<b>\$1,776,000</b>
	Impact Fees	-	-	-	355,000	1,421,000	\$1,776,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$355,000</b>	<b>\$1,421,000</b>	<b>\$1,776,000</b>
<b>WS85110005</b>	<b>3D-NR12 PRESSURE REDUCING VALVE STATION</b>						
	Design and construct a 40 million gallons per day pressure reducing valve station located at Central Avenue and Deer Valley Road.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	8,189,332	-	-	-	\$8,189,332
	Construction Administration	-	820,000	-	-	-	\$820,000
	Other	35,000	60,000	60,000	50,000	-	\$205,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$9,069,332</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$9,214,332</b>
	Nonprofit Corporation Bonds - Water	35,000	9,069,332	60,000	50,000	-	\$9,214,332
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$9,069,332</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$9,214,332</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85110006</b>	<b>1-R4 PRESSURE REDUCING VALVE STATION AT DEER VALLEY WATER TREATMENT PLANT</b>						
	Design and construct pressure reducing valve station to allow for flow from Lake Pleasant Water Treatment Plant into Zone 1.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	2,500,000	-	-	-	\$2,500,000
	Construction Administration	-	250,000	-	-	-	\$250,000
	Other	35,000	35,000	35,000	25,000	-	\$130,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$2,785,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$2,880,000</b>
	Nonprofit Corporation Bonds - Water	35,000	2,785,000	35,000	25,000	-	\$2,880,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$2,785,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$2,880,000</b>
<b>WS85110007</b>	<b>PRESSURE REDUCING VALVE VAULT RELOCATION</b>						
	Relocate pressure reducing valves in vault on major streets to allow safe entry for maintenance work.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	3,950,000	3,800,000	-	-	-	\$7,750,000
	Construction Administration	395,000	380,000	-	-	-	\$775,000
	Design	380,000	-	200,000	-	-	\$580,000
	Other	35,000	30,000	-	-	-	\$65,000
	<b>Project total</b>	<b>\$4,760,000</b>	<b>\$4,210,000</b>	<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>\$9,170,000</b>
	Nonprofit Corporation Bonds - Water	4,760,000	4,210,000	200,000	-	-	\$9,170,000
	<b>Funding total</b>	<b>\$4,760,000</b>	<b>\$4,210,000</b>	<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>\$9,170,000</b>
<b>WS85110008</b>	<b>1-R8 PRESSURE REDUCING VALVE AT 24TH STREET WATER TREATMENT PLANT 60 MILLION GALLONS PER DAY</b>						
	Construct a new Pressure Reducing Valve to be built with the new Booster Pump Station at 24th Street Water Treatment Plant as part of the Zone 3D and 4A Improvements Program.						
							<b>Function: Pressure Reducing Valve Stations</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	8,200,000	-	-	-	\$8,200,000
	Construction Administration	-	820,000	-	-	-	\$820,000
	Other	35,000	60,000	60,000	50,000	-	\$205,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$9,080,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$9,225,000</b>
	Nonprofit Corporation Bonds - Water	35,000	9,080,000	60,000	50,000	-	\$9,225,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$9,080,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>-</b>	<b>\$9,225,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85200010</b>	<b>VERDE WATER TREATMENT PLANT DEMOLITION OF FACILITIES AND RESTORATION OF SITE</b>						
							Function: Verde Plant
	Demolish Verde Water Treatment Plant facilities and restore the site to original condition, excluding the transmission main and SRP substation.						Strategic Plan: Infrastructure
							District: Citywide
	Design	35,000	-	-	-	-	\$35,000
	Other	65,000	-	-	-	-	\$65,000
	<b>Project total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>
	Water	100,000	-	-	-	-	\$100,000
	<b>Funding total</b>	<b>\$100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$100,000</b>
<b>WS85230023</b>	<b>VAL VISTA WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES</b>						
							Function: Val Vista Plant
	Provide on call inspection services for instrumentation and control projects at the Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure
							District: Citywide
	Design	-	400,000	250,000	950,000	-	\$1,600,000
	Other	55,000	40,000	55,000	40,000	55,000	\$245,000
	<b>Project total</b>	<b>\$55,000</b>	<b>\$440,000</b>	<b>\$305,000</b>	<b>\$990,000</b>	<b>\$55,000</b>	<b>\$1,845,000</b>
	Other Cities' Share in Joint Ventures	22,500	180,004	124,775	405,009	22,500	\$754,788
	Water	32,500	259,996	180,225	584,991	32,500	\$1,090,212
	<b>Funding total</b>	<b>\$55,000</b>	<b>\$440,000</b>	<b>\$305,000</b>	<b>\$990,000</b>	<b>\$55,000</b>	<b>\$1,845,000</b>
<b>WS85230040</b>	<b>VAL VISTA WATER TREATMENT PLANT REHABILITATION PROGRAM</b>						
							Function: Val Vista Plant
	Rehabilitate plant equipment at the Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure
							District: Citywide
	Design	-	-	-	3,600,000	-	\$3,600,000
	Other	-	-	180,000	310,000	340,000	\$830,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>	<b>\$3,910,000</b>	<b>\$340,000</b>	<b>\$4,430,000</b>
	Nonprofit Corporation Bonds - Water	-	-	106,362	2,310,419	200,906	\$2,617,687
	Other Cities' Share in Joint Ventures	-	-	73,638	1,599,581	139,094	\$1,812,313
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>	<b>\$3,910,000</b>	<b>\$340,000</b>	<b>\$4,430,000</b>
<b>WS85230047</b>	<b>WORK ORDER AND ASSET MANAGEMENT SYSTEM PHASE II</b>						
							Function: Val Vista Plant
	Install and configure a computer maintenance management system to document assets and track the associated maintenance activities.						Strategic Plan: Infrastructure
							District: Citywide
	Design	528,000	-	61,262	-	-	\$589,262
	<b>Project total</b>	<b>\$528,000</b>	<b>-</b>	<b>\$61,262</b>	<b>-</b>	<b>-</b>	<b>\$589,262</b>
	Other Cities' Share in Joint Ventures	216,005	-	25,062	-	-	\$241,067
	Water	311,995	-	36,200	-	-	\$348,195
	<b>Funding total</b>	<b>\$528,000</b>	<b>-</b>	<b>\$61,262</b>	<b>-</b>	<b>-</b>	<b>\$589,262</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85230051</b>	<b>ENERGY MANAGEMENT PROGRAM – VAL VISTA WATER TREATMENT PLANT</b>						
Complete energy-related projects at the Val Vista Water Treatment Plant.							
						Function: Val Vista Plant	
						Strategic Plan: Innovation and Efficiency	
						District: Citywide	
Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
<b>Project total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
Other Cities' Share in Joint Ventures		20,455	20,455	20,455	20,455	20,455	\$102,275
Water		29,545	29,545	29,545	29,545	29,545	\$147,725
<b>Funding total</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>
<b>WS85230052</b>	<b>VAL VISTA WATER TREATMENT PLANT REHABILITATION</b>						
Design and construct rehabilitation at Val Vista Water Treatment Plant.							
						Function: Val Vista Plant	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		29,500,000	-	-	-	-	\$29,500,000
Construction Administration		4,000,000	-	-	-	-	\$4,000,000
Other		330,000	150,000	-	-	-	\$480,000
<b>Project total</b>		<b>\$33,830,000</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$33,980,000</b>
Nonprofit Corporation Bonds - Water		19,990,147	88,635	-	-	-	\$20,078,782
Other Cities' Share in Joint Ventures		13,839,853	61,365	-	-	-	\$13,901,218
<b>Funding total</b>		<b>\$33,830,000</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$33,980,000</b>
<b>WS85260023</b>	<b>DEER VALLEY WATER TREATMENT PLANT REHABILITATION</b>						
Rehabilitate Deer Valley Water Treatment Plant equipment.							
						Function: Deer Valley Plant	
						Strategic Plan: Infrastructure	
						District: 1	
Design		-	-	-	-	4,000,000	\$4,000,000
Other		-	-	-	180,000	320,000	\$500,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>	<b>\$4,320,000</b>	<b>\$4,500,000</b>
Nonprofit Corporation Bonds - Water		-	-	-	180,000	4,320,000	\$4,500,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$180,000</b>	<b>\$4,320,000</b>	<b>\$4,500,000</b>
<b>WS85260024</b>	<b>DEER VALLEY WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES</b>						
Provide on call inspection services for instrumentation and control projects at the Deer Valley Water Treatment Plant.							
						Function: Deer Valley Plant	
						Strategic Plan: Infrastructure	
						District: 1	
Design		550,000	-	400,000	250,000	750,000	\$1,950,000
Other		40,000	55,000	40,000	55,000	40,000	\$230,000
<b>Project total</b>		<b>\$590,000</b>	<b>\$55,000</b>	<b>\$440,000</b>	<b>\$305,000</b>	<b>\$790,000</b>	<b>\$2,180,000</b>
Water		590,000	55,000	440,000	305,000	790,000	\$2,180,000
<b>Funding total</b>		<b>\$590,000</b>	<b>\$55,000</b>	<b>\$440,000</b>	<b>\$305,000</b>	<b>\$790,000</b>	<b>\$2,180,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85260030</b>	<b>DEER VALLEY WATER TREATMENT PLANT REHABILITATION</b>						
	Design and construct rehabilitation items at the Deer Valley Water Treatment Plant.						
							<b>Function: Deer Valley Plant</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	-	19,700,000	-	-	\$19,700,000
	Construction Administration	-	-	2,700,000	-	-	\$2,700,000
	Design	3,000,000	-	-	-	-	\$3,000,000
	Other	300,000	330,000	150,000	-	-	\$780,000
	<b>Project total</b>	<b>\$3,300,000</b>	<b>\$330,000</b>	<b>\$22,550,000</b>	<b>-</b>	<b>-</b>	<b>\$26,180,000</b>
	Nonprofit Corporation Bonds - Water	3,300,000	330,000	22,550,000	-	-	\$26,180,000
	<b>Funding total</b>	<b>\$3,300,000</b>	<b>\$330,000</b>	<b>\$22,550,000</b>	<b>-</b>	<b>-</b>	<b>\$26,180,000</b>
<b>WS85290022</b>	<b>24TH STREET WATER TREATMENT PLANT REHABILITATION</b>						
	Rehabilitate plant equipment at the 24th Street Water Treatment Plant.						
							<b>Function: 24th Street Plant</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	-	-	-	27,800,000	\$27,800,000
	Construction Administration	-	-	-	-	3,800,000	\$3,800,000
	Design	-	-	4,300,000	-	-	\$4,300,000
	Other	-	180,000	320,000	350,000	150,000	\$1,000,000
	<b>Project total</b>	<b>-</b>	<b>\$180,000</b>	<b>\$4,620,000</b>	<b>\$350,000</b>	<b>\$31,750,000</b>	<b>\$36,900,000</b>
	Nonprofit Corporation Bonds - Water	-	180,000	4,620,000	350,000	31,750,000	\$36,900,000
	<b>Funding total</b>	<b>-</b>	<b>\$180,000</b>	<b>\$4,620,000</b>	<b>\$350,000</b>	<b>\$31,750,000</b>	<b>\$36,900,000</b>
<b>WS85290023</b>	<b>24TH STREET WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION</b>						
	Provide on-call inspection services for instrumentation and control projects at the 24th Street Water Treatment Plant.						
							<b>Function: 24th Street Plant</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Design	250,000	-	800,000	-	600,000	\$1,650,000
	Other	40,000	55,000	40,000	55,000	40,000	\$230,000
	<b>Project total</b>	<b>\$290,000</b>	<b>\$55,000</b>	<b>\$840,000</b>	<b>\$55,000</b>	<b>\$640,000</b>	<b>\$1,880,000</b>
	Water	290,000	55,000	840,000	55,000	640,000	\$1,880,000
	<b>Funding total</b>	<b>\$290,000</b>	<b>\$55,000</b>	<b>\$840,000</b>	<b>\$55,000</b>	<b>\$640,000</b>	<b>\$1,880,000</b>
<b>WS85290029</b>	<b>24TH STREET WATER TREATMENT PLANT REHABILITATION</b>						
	Rehabilitate the 24th Street Water Treatment Plant.						
							<b>Function: 24th Street Plant</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Other	150,000	-	-	-	-	\$150,000
	<b>Project total</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>
	Nonprofit Corporation Bonds - Water	150,000	-	-	-	-	\$150,000
	<b>Funding total</b>	<b>\$150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$150,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85290030</b>	<b>24TH STREET WATER TREATMENT PLANT POWER REDUNDANCY PHASE II</b>						
	Provide power redundancy at 24th Street Water Treatment Plant.						
							Function: 24th Street Plant
							Strategic Plan: Infrastructure District: 6
	Construction Administration	2,600,000	-	-	-	-	\$2,600,000
	Design	17,400,000	-	-	-	-	\$17,400,000
	Other	1,139,390	175,000	-	-	-	\$1,314,390
	<b>Project total</b>	<b>\$21,139,390</b>	<b>\$175,000</b>	-	-	-	<b>\$21,314,390</b>
	Nonprofit Corporation Bonds - Water	21,139,390	175,000	-	-	-	\$21,314,390
	<b>Funding total</b>	<b>\$21,139,390</b>	<b>\$175,000</b>	-	-	-	<b>\$21,314,390</b>
<b>WS85320018</b>	<b>UNION HILLS WATER TREATMENT PLANT REHABILITATION PROGRAM</b>						
	Rehabilitate plant equipment at the Union Hills Water Treatment Plant.						
							Function: Union Hills Plant
							Strategic Plan: Infrastructure District: 2
	Construction	-	-	-	22,300,000	-	\$22,300,000
	Construction Administration	-	-	-	3,100,000	-	\$3,100,000
	Design	-	3,500,000	-	-	-	\$3,500,000
	Other	180,000	310,000	340,000	150,000	180,000	\$1,160,000
	<b>Project total</b>	<b>\$180,000</b>	<b>\$3,810,000</b>	<b>\$340,000</b>	<b>\$25,550,000</b>	<b>\$180,000</b>	<b>\$30,060,000</b>
	Nonprofit Corporation Bonds - Water	180,000	3,810,000	340,000	25,550,000	180,000	\$30,060,000
	<b>Funding total</b>	<b>\$180,000</b>	<b>\$3,810,000</b>	<b>\$340,000</b>	<b>\$25,550,000</b>	<b>\$180,000</b>	<b>\$30,060,000</b>
<b>WS85320019</b>	<b>UNION HILLS WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES</b>						
	Provide on-call inspection services for instrumentation and control projects at the Union Hills Water Treatment Plant.						
							Function: Union Hills Plant
							Strategic Plan: Infrastructure District: 2
	Design	-	600,000	-	750,000	-	\$1,350,000
	Other	55,000	40,000	55,000	40,000	55,000	\$245,000
	<b>Project total</b>	<b>\$55,000</b>	<b>\$640,000</b>	<b>\$55,000</b>	<b>\$790,000</b>	<b>\$55,000</b>	<b>\$1,595,000</b>
	Water	55,000	640,000	55,000	790,000	55,000	\$1,595,000
	<b>Funding total</b>	<b>\$55,000</b>	<b>\$640,000</b>	<b>\$55,000</b>	<b>\$790,000</b>	<b>\$55,000</b>	<b>\$1,595,000</b>
<b>WS85350008</b>	<b>LAKE PLEASANT WATER TREATMENT PLANT ASSET ASSESSMENT</b>						
	Complete a full-scale asset assessment prior to taking over operations in June 2022.						
							Function: Lake Pleasant Plant
							Strategic Plan: Infrastructure District: 1
	Other	50,000	-	-	-	-	\$50,000
	<b>Project total</b>	<b>\$50,000</b>	-	-	-	-	<b>\$50,000</b>
	Nonprofit Corporation Bonds - Water	50,000	-	-	-	-	\$50,000
	<b>Funding total</b>	<b>\$50,000</b>	-	-	-	-	<b>\$50,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85400001</b>	<b>WATER TREATMENT PLANT REHABILITATION AND REPLACEMENT</b>						
							<b>Function: Production</b>
	Design and construct improvements to water treatment plants (excluding the Val Vista Water Treatment Plant) such as treatment processes, chemical facilities, equipment and facility improvements.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		7,100,000	7,600,000	8,100,000	9,600,000	10,600,000	\$43,000,000
Design		-	1,750,000	-	2,050,000	-	\$3,800,000
Other		265,000	265,000	265,000	265,000	265,000	\$1,325,000
<b>Project total</b>		<b>\$7,365,000</b>	<b>\$9,615,000</b>	<b>\$8,365,000</b>	<b>\$11,915,000</b>	<b>\$10,865,000</b>	<b>\$48,125,000</b>
Water		7,365,000	9,615,000	8,365,000	11,915,000	10,865,000	\$48,125,000
<b>Funding total</b>		<b>\$7,365,000</b>	<b>\$9,615,000</b>	<b>\$8,365,000</b>	<b>\$11,915,000</b>	<b>\$10,865,000</b>	<b>\$48,125,000</b>
<b>WS85400002</b>	<b>VAL VISTA WATER TREATMENT PLANT REHABILITATION AND REPLACEMENT</b>						
							<b>Function: Production</b>
	Design and construct improvements at the Val Vista Water Treatment Plant such as treatment processes, chemical facilities, equipment and facility improvements.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		2,300,000	2,400,000	2,500,000	2,600,000	2,700,000	\$12,500,000
Design		-	400,000	-	450,000	-	\$850,000
Equipment		80,000	80,000	80,000	90,000	90,000	\$420,000
Other		95,000	95,000	95,000	95,000	95,000	\$475,000
<b>Project total</b>		<b>\$2,475,000</b>	<b>\$2,975,000</b>	<b>\$2,675,000</b>	<b>\$3,235,000</b>	<b>\$2,885,000</b>	<b>\$14,245,000</b>
Water		2,475,000	2,975,000	2,675,000	3,235,000	2,885,000	\$14,245,000
<b>Funding total</b>		<b>\$2,475,000</b>	<b>\$2,975,000</b>	<b>\$2,675,000</b>	<b>\$3,235,000</b>	<b>\$2,885,000</b>	<b>\$14,245,000</b>
<b>WS85400007</b>	<b>REMOTE FACILITIES REHABILITATION AND REPLACEMENT</b>						
							<b>Function: Production</b>
	Design and construct improvements to wells, booster pump stations, pressure release valves and reservoir sites.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		4,475,000	4,475,000	4,475,000	4,525,000	4,675,000	\$22,625,000
Construction Administration		425,000	425,000	450,000	450,000	475,000	\$2,225,000
Design		425,000	425,000	450,000	450,000	475,000	\$2,225,000
Equipment		1,100,000	1,100,000	1,150,000	1,200,000	1,300,000	\$5,850,000
Other		575,000	575,000	575,000	575,000	575,000	\$2,875,000
<b>Project total</b>		<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,100,000</b>	<b>\$7,200,000</b>	<b>\$7,500,000</b>	<b>\$35,800,000</b>
Water		7,000,000	7,000,000	7,100,000	7,200,000	7,500,000	\$35,800,000
<b>Funding total</b>		<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,100,000</b>	<b>\$7,200,000</b>	<b>\$7,500,000</b>	<b>\$35,800,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85400011</b>	<b>INSTRUMENTATION AND CONTROL INSPECTION AND TESTING SERVICES</b>						
							<b>Function: Production</b>
	Provide instrumentation, control inspection and testing support for water remote facilities.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Design		765,000	775,000	775,000	780,000	780,000	\$3,875,000
Other		55,000	55,000	60,000	60,000	60,000	\$290,000
	<b>Project total</b>	<b>\$820,000</b>	<b>\$830,000</b>	<b>\$835,000</b>	<b>\$840,000</b>	<b>\$840,000</b>	<b>\$4,165,000</b>
Water		820,000	830,000	835,000	840,000	840,000	\$4,165,000
	<b>Funding total</b>	<b>\$820,000</b>	<b>\$830,000</b>	<b>\$835,000</b>	<b>\$840,000</b>	<b>\$840,000</b>	<b>\$4,165,000</b>
<b>WS85400013</b>	<b>ACQUIRE ADDITIONAL WATER RESOURCES</b>						
							<b>Function: Production</b>
	Acquire water rights and develop infrastructure for growth-related improvements consistent with the Water Resource Acquisition Fee Plan.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Design		12,577,211	-	-	-	-	\$12,577,211
	<b>Project total</b>	<b>\$12,577,211</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$12,577,211</b>
Water		12,577,211	-	-	-	-	\$12,577,211
	<b>Funding total</b>	<b>\$12,577,211</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$12,577,211</b>
<b>WS85400014</b>	<b>SRP SUBSTATION</b>						
							<b>Function: Production</b>
	Study and potentially design a replacement substation at Deer Valley Water Treatment Plant.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Design		-	-	-	1,234,650	-	\$1,234,650
Other		-	-	-	110,000	50,000	\$160,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,344,650</b>	<b>\$50,000</b>	<b>\$1,394,650</b>
Water		-	-	-	1,344,650	50,000	\$1,394,650
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,344,650</b>	<b>\$50,000</b>	<b>\$1,394,650</b>
<b>WS85400015</b>	<b>ANNUAL FACILITIES PROGRAM FIRE PERMIT COMPLIANCE</b>						
							<b>Function: Production</b>
	Support annual facilities program and fire permit issues at remote water facilities.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
Construction		40,000	-	-	-	-	\$40,000
Other		10,000	-	-	-	-	\$10,000
	<b>Project total</b>	<b>\$50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>
Water		50,000	-	-	-	-	\$50,000
	<b>Funding total</b>	<b>\$50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$50,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS8540020</b>	<b>FACILITY SECURITY ENHANCEMENT</b>						
Enhance the security at water remote sites throughout the City.							
						<b>Function: Production</b>	
						<b>Strategic Plan: Neighborhoods and Livability</b>	
						<b>District: Citywide</b>	
Construction		750,000	-	-	-	-	\$750,000
Design		200,000	-	-	-	-	\$200,000
Other		65,000	-	-	-	-	\$65,000
	<b>Project total</b>	<b>\$1,015,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,015,000</b>
Water		1,015,000	-	-	-	-	\$1,015,000
	<b>Funding total</b>	<b>\$1,015,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,015,000</b>
<b>WS85450021</b>	<b>ENERGY MANAGEMENT PROGRAM</b>						
Provide engineering and construction services for energy management and conservation by improving efficiency and optimizing electrical demand.							
						<b>Function: Buildings</b>	
						<b>Strategic Plan: Innovation and Efficiency</b>	
						<b>District: Citywide</b>	
Construction		710,000	710,000	710,000	710,000	720,000	\$3,560,000
Construction Administration		22,500	22,500	22,500	22,500	25,000	\$115,000
Design		55,000	55,000	55,000	55,000	60,000	\$280,000
Other		135,000	135,000	135,000	135,000	141,000	\$681,000
Study		45,000	45,000	45,000	45,000	50,000	\$230,000
	<b>Project total</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$996,000</b>	<b>\$4,866,000</b>
Water		967,500	967,500	967,500	967,500	996,000	\$4,866,000
	<b>Funding total</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$967,500</b>	<b>\$996,000</b>	<b>\$4,866,000</b>
<b>WS85450022</b>	<b>FACILITIES REHABILITATION AND REPLACEMENT</b>						
Replace aging assets and infrastructure at water support facilities, including drainage, electrical, plumbing, roofing, fire system, security and paving.							
						<b>Function: Buildings</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		1,260,000	1,260,000	1,260,000	1,260,000	1,260,000	\$6,300,000
Other		40,000	40,000	40,000	40,000	40,000	\$200,000
	<b>Project total</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$6,500,000</b>
Water		1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	\$6,500,000
	<b>Funding total</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$6,500,000</b>

**City of Phoenix, Arizona  
2019-2024 Preliminary Capital Improvement Program  
Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85450023</b>	<b>FIELD CREWS EFFICIENCY AND SAFETY PROGRAM</b>						
Consolidate multiple field service yards to a few sites to improve crew efficiency and safety.							
<b>Function: Buildings</b>							
<b>Strategic Plan: Innovation and Efficiency</b>							
<b>District: Citywide</b>							
Construction		20,000,000	-	-	-	23,000,000	\$43,000,000
Construction Administration		1,900,000	-	-	-	2,300,000	\$4,200,000
Design		-	-	-	2,300,000	-	\$2,300,000
Land Acquisition		10,000	10,000	-	-	-	\$20,000
Other		50,000	30,000	-	50,000	50,000	\$180,000
<b>Project total</b>		<b>\$21,960,000</b>	<b>\$40,000</b>	<b>-</b>	<b>\$2,350,000</b>	<b>\$25,350,000</b>	<b>\$49,700,000</b>
Nonprofit Corporation Bonds - Water		10,980,000	20,000	-	1,175,000	12,675,000	\$24,850,000
Wastewater		10,980,000	20,000	-	1,175,000	12,675,000	\$24,850,000
<b>Funding total</b>		<b>\$21,960,000</b>	<b>\$40,000</b>	<b>-</b>	<b>\$2,350,000</b>	<b>\$25,350,000</b>	<b>\$49,700,000</b>
<b>WS85470001</b>	<b>WATER INFRASTRUCTURE POWER REDUNDANCY PROGRAM</b>						
Develop a power redundancy program to ensure uninterrupted services during major power outages.							
<b>Function: Power Redundancy</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		-	-	12,549,100	-	2,581,090	\$15,130,190
Construction Administration		-	-	2,260,660	-	549,100	\$2,809,760
Design		-	2,260,660	-	1,000,000	1,141,080	\$4,401,740
Other		-	707,795	845,070	707,795	654,910	\$2,915,570
<b>Project total</b>		<b>-</b>	<b>\$2,968,455</b>	<b>\$15,654,830</b>	<b>\$1,707,795</b>	<b>\$4,926,180</b>	<b>\$25,257,260</b>
Nonprofit Corporation Bonds - Water		-	2,968,455	15,654,830	1,707,795	4,926,180	\$25,257,260
<b>Funding total</b>		<b>-</b>	<b>\$2,968,455</b>	<b>\$15,654,830</b>	<b>\$1,707,795</b>	<b>\$4,926,180</b>	<b>\$25,257,260</b>
<b>WS85500053</b>	<b>WATER CONSTRUCTION</b>						
Water construction project used for change orders, inflationary increases and other unexpected costs.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: Citywide</b>							
Construction		21,953,984	38,370,476	17,224,456	33,112,622	36,518,474	\$147,180,012
<b>Project total</b>		<b>\$21,953,984</b>	<b>\$38,370,476</b>	<b>\$17,224,456</b>	<b>\$33,112,622</b>	<b>\$36,518,474</b>	<b>\$147,180,012</b>
Nonprofit Corporation Bonds - Water		7,186,992	16,175,238	6,217,728	14,161,811	15,259,237	\$59,001,006
Other Cities' Share in Joint Ventures		6,000,000	6,000,000	4,789,000	4,789,000	6,000,000	\$27,578,000
Water		8,766,992	16,195,238	6,217,728	14,161,811	15,259,237	\$60,601,006
<b>Funding total</b>		<b>\$21,953,984</b>	<b>\$38,370,476</b>	<b>\$17,224,456</b>	<b>\$33,112,622</b>	<b>\$36,518,474</b>	<b>\$147,180,012</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500280</b>	<b>ON-CALL INSPECTION SERVICES</b>						
	Provide inspection services for water facilities.						
							Function: Water Mains Strategic Plan: Infrastructure District: Citywide
Design		675,000	695,000	720,000	730,000	-	\$2,820,000
	<b>Project total</b>	<b>\$675,000</b>	<b>\$695,000</b>	<b>\$720,000</b>	<b>\$730,000</b>	<b>-</b>	<b>\$2,820,000</b>
Water		675,000	695,000	720,000	730,000	-	\$2,820,000
	<b>Funding total</b>	<b>\$675,000</b>	<b>\$695,000</b>	<b>\$720,000</b>	<b>\$730,000</b>	<b>-</b>	<b>\$2,820,000</b>
<b>WS85500330</b>	<b>LIGHT RAIL WATER RELOCATIONS</b>						
	Design and relocate waterlines along the light rail extensions.						
							Function: Water Mains Strategic Plan: Infrastructure District: 3, 4 & 5
Construction		9,500,000	2,850,000	2,850,000	-	7,600,000	\$22,800,000
Design		1,200,000	700,000	-	-	-	\$1,900,000
Other		310,000	180,000	180,000	80,000	200,000	\$950,000
	<b>Project total</b>	<b>\$11,010,000</b>	<b>\$3,730,000</b>	<b>\$3,030,000</b>	<b>\$80,000</b>	<b>\$7,800,000</b>	<b>\$25,650,000</b>
Nonprofit Corporation Bonds - Water		11,010,000	3,730,000	3,030,000	80,000	7,800,000	\$25,650,000
	<b>Funding total</b>	<b>\$11,010,000</b>	<b>\$3,730,000</b>	<b>\$3,030,000</b>	<b>\$80,000</b>	<b>\$7,800,000</b>	<b>\$25,650,000</b>
<b>WS85500346</b>	<b>WATER ANNUAL EMERGENCY REPAIR CONTRACT</b>						
	Provide for annual emergency waterline repairs.						
							Function: Water Mains Strategic Plan: Infrastructure District: Citywide
Construction		850,000	850,000	850,000	850,000	850,000	\$4,250,000
Construction Administration		-	-	240,000	-	360,000	\$600,000
Other		20,500	20,500	22,500	20,500	45,500	\$129,500
	<b>Project total</b>	<b>\$870,500</b>	<b>\$870,500</b>	<b>\$1,112,500</b>	<b>\$870,500</b>	<b>\$1,255,500</b>	<b>\$4,979,500</b>
Water		870,500	870,500	1,112,500	870,500	1,255,500	\$4,979,500
	<b>Funding total</b>	<b>\$870,500</b>	<b>\$870,500</b>	<b>\$1,112,500</b>	<b>\$870,500</b>	<b>\$1,255,500</b>	<b>\$4,979,500</b>
<b>WS85500347</b>	<b>LARGE VALVE ANNUAL REPLACEMENT AND REPAIR CONTRACT</b>						
	Provide for annual replacement and repair of large water system valves.						
							Function: Water Mains Strategic Plan: Infrastructure District: Citywide
Construction		1,401,000	1,440,000	1,440,000	1,440,000	1,440,000	\$7,161,000
Construction Administration		-	-	320,000	-	475,000	\$795,000
Other		31,500	31,500	34,500	31,500	61,500	\$190,500
	<b>Project total</b>	<b>\$1,432,500</b>	<b>\$1,471,500</b>	<b>\$1,794,500</b>	<b>\$1,471,500</b>	<b>\$1,976,500</b>	<b>\$8,146,500</b>
Water		1,432,500	1,471,500	1,794,500	1,471,500	1,976,500	\$8,146,500
	<b>Funding total</b>	<b>\$1,432,500</b>	<b>\$1,471,500</b>	<b>\$1,794,500</b>	<b>\$1,471,500</b>	<b>\$1,976,500</b>	<b>\$8,146,500</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500350</b>	<b>NORTHERN WATER IMPACT FEE INFRASTRUCTURE</b>						
							<b>Function: Water Mains</b>
	Construct large, growth-related water infrastructure in the Desert View development impact fee area.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	19,785	-	-	-	-	\$19,785
	<b>Project total</b>	<b>\$19,785</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$19,785</b>
	Impact Fees	19,785	-	-	-	-	\$19,785
	<b>Funding total</b>	<b>\$19,785</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$19,785</b>
<b>WS85500353</b>	<b>SOUTHERN WATER IMPACT FEE INFRASTRUCTURE</b>						
							<b>Function: Water Mains</b>
	Construct large, growth-related water infrastructure in the Southern development impact fee area.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6, 7 &amp; 8</b>
	Construction	8,311,938	-	-	-	-	\$8,311,938
	<b>Project total</b>	<b>\$8,311,938</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,311,938</b>
	Impact Fees	8,311,938	-	-	-	-	\$8,311,938
	<b>Funding total</b>	<b>\$8,311,938</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,311,938</b>
<b>WS85500379</b>	<b>TRANSMISSION MAIN INSPECTION AND ASSESSMENT</b>						
							<b>Function: Water Mains</b>
	Inspect and assess 260 miles of 42-inch and larger water transmission mains.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	1,880,000	2,230,000	2,140,000	2,060,000	2,500,000	\$10,810,000
	Design	-	50,000	4,781,400	50,000	-	\$4,881,400
	Other	175,000	210,000	290,200	135,000	100,000	\$910,200
	<b>Project total</b>	<b>\$2,055,000</b>	<b>\$2,490,000</b>	<b>\$7,211,600</b>	<b>\$2,245,000</b>	<b>\$2,600,000</b>	<b>\$16,601,600</b>
	Water	2,055,000	2,490,000	7,211,600	2,245,000	2,600,000	\$16,601,600
	<b>Funding total</b>	<b>\$2,055,000</b>	<b>\$2,490,000</b>	<b>\$7,211,600</b>	<b>\$2,245,000</b>	<b>\$2,600,000</b>	<b>\$16,601,600</b>
<b>WS85500390</b>	<b>HYDRANTS REHABILITATION AND REPLACEMENT</b>						
							<b>Function: Water Mains</b>
	Install new and rehabilitate existing fire hydrants.						<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
	Equipment	850,000	850,000	850,000	850,000	850,000	\$4,250,000
	Other	250,000	250,000	250,000	250,000	250,000	\$1,250,000
	<b>Project total</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$10,500,000</b>
	Water	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	\$10,500,000
	<b>Funding total</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$10,500,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500395</b>	<b>MAINS REHABILITATION AND REPLACEMENT</b>						
Design and relocate water mains in conjunction with other city departments or outside agency projects.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
Equipment		250,000	250,000	250,000	250,000	250,000	\$1,250,000
<b>Project total</b>		<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$3,750,000</b>
Water		750,000	750,000	750,000	750,000	750,000	\$3,750,000
<b>Funding total</b>		<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$3,750,000</b>
<b>WS85500400</b>	<b>VALVES REHABILITATION AND REPLACEMENT</b>						
Purchase and install valves for projects completed by other departments or agencies.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		8,400,000	8,400,000	8,400,000	8,400,000	8,400,000	\$42,000,000
Construction Administration		800,000	800,000	800,000	800,000	800,000	\$4,000,000
Equipment		450,000	450,000	450,000	450,000	450,000	\$2,250,000
Other		425,000	425,000	425,000	425,000	425,000	\$2,125,000
<b>Project total</b>		<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$50,375,000</b>
Water		10,075,000	10,075,000	10,075,000	10,075,000	10,075,000	\$50,375,000
<b>Funding total</b>		<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$10,075,000</b>	<b>\$50,375,000</b>
<b>WS85500410</b>	<b>WATER MAIN: 24-INCH ZONE 6A</b>						
Install 6,100 linear feet of 24-inch water main in Deer Valley Road between 64th Street and 56th Street.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 2</b>	
Construction		-	-	1,617,000	-	-	\$1,617,000
Design		-	400,000	-	-	-	\$400,000
Other		-	25,000	85,000	-	-	\$110,000
<b>Project total</b>		<b>-</b>	<b>\$425,000</b>	<b>\$1,702,000</b>	<b>-</b>	<b>-</b>	<b>\$2,127,000</b>
Impact Fees		-	425,000	1,702,000	-	-	\$2,127,000
<b>Funding total</b>		<b>-</b>	<b>\$425,000</b>	<b>\$1,702,000</b>	<b>-</b>	<b>-</b>	<b>\$2,127,000</b>
<b>WS85500412</b>	<b>WATER MAIN: 16-INCH ZONE 6A LOOP</b>						
Install 20,800 linear feet of 16-inch water main in Happy Valley Road, east to Black Mountain Road, north to Jomax Road, west to Cave Creek Road, and south to Happy Valley Road.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 1</b>	
Construction		-	-	-	-	2,877,420	\$2,877,420
Design		-	-	-	1,198,000	-	\$1,198,000
Other		-	-	-	55,000	250,000	\$305,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,253,000</b>	<b>\$3,127,420</b>	<b>\$4,380,420</b>
Impact Fees		-	-	-	1,253,000	3,127,420	\$4,380,420
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,253,000</b>	<b>\$3,127,420</b>	<b>\$4,380,420</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500413</b>	<b>WATER MAIN: 16-INCH ZONE 5E</b>						
Install 6,600 linear feet of 16-inch water main in Cave Creek Road, southwest to Pinnacle Peak Road and east to 32nd Street.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 2</b>							
Construction		-	1,521,000	-	-	-	\$1,521,000
Design		368,000	-	-	-	-	\$368,000
Other		30,000	70,000	-	-	-	\$100,000
<b>Project total</b>		<b>\$398,000</b>	<b>\$1,591,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,989,000</b>
Impact Fees		398,000	1,591,000	-	-	-	\$1,989,000
<b>Funding total</b>		<b>\$398,000</b>	<b>\$1,591,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,989,000</b>
<b>WS85500414</b>	<b>WATER MAIN: 24-INCH ZONE 6A</b>						
Install 10,400 linear feet of 24-inch water main in 64th Street between Pinnacle Peak Road and Deer Valley Road.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 2</b>							
Construction		-	-	2,757,000	-	-	\$2,757,000
Design		-	690,000	-	-	-	\$690,000
Other		-	35,000	145,000	-	-	\$180,000
<b>Project total</b>		<b>-</b>	<b>\$725,000</b>	<b>\$2,902,000</b>	<b>-</b>	<b>-</b>	<b>\$3,627,000</b>
Impact Fees		-	725,000	2,902,000	-	-	\$3,627,000
<b>Funding total</b>		<b>-</b>	<b>\$725,000</b>	<b>\$2,902,000</b>	<b>-</b>	<b>-</b>	<b>\$3,627,000</b>
<b>WS85500415</b>	<b>WATER MAIN: 16-INCH ZONE 6A</b>						
Install 3,900 linear feet of 16-inch water main in Scottsdale Road between Deer Valley Road and the 101 Freeway.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 2</b>							
Construction		-	-	-	-	905,000	\$905,000
Design		-	-	-	215,000	-	\$215,000
Other		-	-	-	20,000	35,000	\$55,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$235,000</b>	<b>\$940,000</b>	<b>\$1,175,000</b>
Impact Fees		-	-	-	235,000	940,000	\$1,175,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$235,000</b>	<b>\$940,000</b>	<b>\$1,175,000</b>
<b>WS85500416</b>	<b>ZONE 8CP WATER INFRASTRUCTURE IMPROVEMENTS</b>						
Install 7,300 linear feet of 24 and 36-inch water main from an existing 36-inch stub on the west side of I-17 northwest to booster station 8CP-B1 includes modifications to booster station.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 1</b>							
Construction		250,000	-	-	-	-	\$250,000
Other		90,000	-	-	-	-	\$90,000
<b>Project total</b>		<b>\$340,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$340,000</b>
Nonprofit Corporation Bonds - Water		340,000	-	-	-	-	\$340,000
<b>Funding total</b>		<b>\$340,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$340,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500417</b>	<b>WATER MAIN: 16-INCH ZONE 0</b>						
Install 7,200 linear feet of 16-inch water main in 99th Avenue between Indian School Road and Encanto Road.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 5</b>							
Construction		-	1,650,000	-	-	-	\$1,650,000
Design		414,000	-	-	-	-	\$414,000
Other		20,000	85,000	-	-	-	\$105,000
<b>Project total</b>		<b>\$434,000</b>	<b>\$1,735,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,169,000</b>
Water		434,000	1,735,000	-	-	-	\$2,169,000
<b>Funding total</b>		<b>\$434,000</b>	<b>\$1,735,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,169,000</b>
<b>WS85500418</b>	<b>WATER MAIN: 16-INCH PARADISE VALLEY ZONE 3C</b>						
Install 19,800 linear feet of 16-inch and 320 linear feet of 12-inch water mains in Paradise Valley and construct a Pressure Reducing Valve station at Shea Boulevard and Tatum Boulevard.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 3</b>							
Construction		5,500,000	-	-	-	-	\$5,500,000
Other		700,000	-	-	-	-	\$700,000
<b>Project total</b>		<b>\$6,200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,200,000</b>
Water		6,200,000	-	-	-	-	\$6,200,000
<b>Funding total</b>		<b>\$6,200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,200,000</b>
<b>WS85500419</b>	<b>WATER MAIN: 16-INCH ZONE 6B</b>						
Install 4,000 linear feet of 16-inch water main in Dove Valley Road between 15th Avenue and Central Avenue.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 2</b>							
Construction		-	929,000	-	-	-	\$929,000
Design		216,000	-	-	-	-	\$216,000
Other		25,000	35,000	-	-	-	\$60,000
<b>Project total</b>		<b>\$241,000</b>	<b>\$964,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,205,000</b>
Impact Fees		241,000	964,000	-	-	-	\$1,205,000
<b>Funding total</b>		<b>\$241,000</b>	<b>\$964,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,205,000</b>
<b>WS85500420</b>	<b>WATER MAIN: 16-INCH ZONE 6A</b>						
Install 8,700 linear feet of 16-inch water main in Cave Creek Road between Happy Valley Road and Pinnacle Peak Road, then east in Pinnacle Peak Road to 40th Street.							
<b>Function: Water Mains</b>							
<b>Strategic Plan: Infrastructure</b>							
<b>District: 2</b>							
Construction		-	1,997,000	-	-	-	\$1,997,000
Design		494,000	-	-	-	-	\$494,000
Other		30,000	100,000	-	-	-	\$130,000
<b>Project total</b>		<b>\$524,000</b>	<b>\$2,097,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,621,000</b>
Impact Fees		524,000	2,097,000	-	-	-	\$2,621,000
<b>Funding total</b>		<b>\$524,000</b>	<b>\$2,097,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,621,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500421</b>	<b>WATER MAIN: 24-INCH ZONE 6A</b>						
Install 5,400 linear feet of 24-inch water main in Deer Valley Road between 64th Street and Scottsdale Road.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 2</b>	
Construction		-	-	-	-	1,447,000	\$1,447,000
Design		-	-	-	347,000	-	\$347,000
Other		-	-	-	30,000	60,000	\$90,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$377,000</b>	<b>\$1,507,000</b>	<b>\$1,884,000</b>
Impact Fees		-	-	-	377,000	1,507,000	\$1,884,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$377,000</b>	<b>\$1,507,000</b>	<b>\$1,884,000</b>
<b>WS85500427</b>	<b>WATER MAIN: 16-INCH ZONE 1 – 51ST AVENUE</b>						
Install 5,000 linear feet of 16-inch water main in 51st Avenue from Elliott Road to Estrella Drive.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 8</b>	
Construction		-	1,308,000	-	-	-	\$1,308,000
Design		118,900	-	-	-	-	\$118,900
Other		17,800	41,600	-	-	-	\$59,400
<b>Project total</b>		<b>\$136,700</b>	<b>\$1,349,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,486,300</b>
Impact Fees		136,700	1,349,600	-	-	-	\$1,486,300
<b>Funding total</b>		<b>\$136,700</b>	<b>\$1,349,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,486,300</b>
<b>WS85500428</b>	<b>WATER MAIN: 16-INCH ZONE 1 – DOBBINS ROAD</b>						
Install 5,300 linear feet of 16-inch water main in Dobbins Road from 35th Avenue to 43rd Avenue.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 3 &amp; 8</b>	
Construction		-	1,405,000	-	-	-	\$1,405,000
Design		127,700	-	-	-	-	\$127,700
Other		19,200	44,700	-	-	-	\$63,900
<b>Project total</b>		<b>\$146,900</b>	<b>\$1,449,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,596,600</b>
Impact Fees		146,900	1,449,700	-	-	-	\$1,596,600
<b>Funding total</b>		<b>\$146,900</b>	<b>\$1,449,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,596,600</b>
<b>WS85500429</b>	<b>WATER MAIN: DOBBINS ROAD FROM 27TH AVENUE TO 35TH AVENUE</b>						
Construct 5,300 linear feet of water main on Dobbins Road from 27th Avenue to 35th Avenue.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 8</b>	
Construction		-	1,626,600	-	-	-	\$1,626,600
Design		147,900	-	-	-	-	\$147,900
Other		22,200	51,700	-	-	-	\$73,900
<b>Project total</b>		<b>\$170,100</b>	<b>\$1,678,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,848,400</b>
Impact Fees		170,100	1,678,300	-	-	-	\$1,848,400
<b>Funding total</b>		<b>\$170,100</b>	<b>\$1,678,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,848,400</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

<b>Project No.</b>	<b>Project Title</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>Total</b>
<b>WS85500431</b>	<b>WATER MAIN: ROSE GARDEN LANE FROM 40TH STREET TO LOOP 101</b>						
	Construct 5,900 linear feet of water main along Rose Garden Lane from 40th Street to Loop 101.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	-	-	164,600	\$164,600
	Other	-	-	-	-	24,700	\$24,700
	<b>Project total</b>	-	-	-	-	<b>\$189,300</b>	<b>\$189,300</b>
	Impact Fees	-	-	-	-	189,300	\$189,300
	<b>Funding total</b>	-	-	-	-	<b>\$189,300</b>	<b>\$189,300</b>
<b>WS85500432</b>	<b>WATER MAIN: PINNACLE PEAK ROAD FROM 56TH STREET TO 64TH STREET</b>						
	Construct 2,600 linear feet of water main along Pinnacle Peak Road from 56th Street to 64th Street.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	-	-	72,500	\$72,500
	Other	-	-	-	-	10,900	\$10,900
	<b>Project total</b>	-	-	-	-	<b>\$83,400</b>	<b>\$83,400</b>
	Impact Fees	-	-	-	-	83,400	\$83,400
	<b>Funding total</b>	-	-	-	-	<b>\$83,400</b>	<b>\$83,400</b>
<b>WS85500433</b>	<b>WATER MAIN: MAYO BOULEVARD FROM TATUM BOULEVARD TO 56TH STREET</b>						
	Construct 5,900 linear feet of water main along Mayo Boulevard from Tatum Boulevard to 56th Street.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	-	-	142,200	\$142,200
	Other	-	-	-	-	21,300	\$21,300
	<b>Project total</b>	-	-	-	-	<b>\$163,500</b>	<b>\$163,500</b>
	Impact Fees	-	-	-	-	163,500	\$163,500
	<b>Funding total</b>	-	-	-	-	<b>\$163,500</b>	<b>\$163,500</b>
<b>WS85500434</b>	<b>WATER MAIN: PINNACLE PEAK ROAD FROM TATUM BOULEVARD TO 56TH STREET</b>						
	Construct 5,500 linear feet of water main along Pinnacle Peak Road from Tatum Boulevard to 7A-B3.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Design	-	-	-	-	144,300	\$144,300
	Other	-	-	-	-	21,700	\$21,700
	<b>Project total</b>	-	-	-	-	<b>\$166,000</b>	<b>\$166,000</b>
	Impact Fees	-	-	-	-	166,000	\$166,000
	<b>Funding total</b>	-	-	-	-	<b>\$166,000</b>	<b>\$166,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500436</b>	<b>WATER MAIN: 16-INCH ZONE 1 - 35TH AVENUE</b>						
Install 5,150 linear feet of 16-inch water main in 35th Avenue from Dobbins Road to Elliott Road.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: 8</b>	
Construction		-	1,365,100	-	-	-	\$1,365,100
Design		124,100	-	-	-	-	\$124,100
Other		18,700	43,600	-	-	-	\$62,300
<b>Project total</b>		<b>\$142,800</b>	<b>\$1,408,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,551,500</b>
Impact Fees		142,800	1,408,700	-	-	-	\$1,551,500
<b>Funding total</b>		<b>\$142,800</b>	<b>\$1,408,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,551,500</b>
<b>WS85500438</b>	<b>VAL VISTA TRANSMISSION MAIN REHABILITATION</b>						
Rehabilitate 12,234 linear feet of Pre-stressed Concrete Cylinder Pipe.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		-	8,750,000	8,750,000	-	-	\$17,500,000
Construction Administration		1,000,000	-	-	-	-	\$1,000,000
Design		675,000	-	-	-	-	\$675,000
Other		25,000	65,000	65,000	-	-	\$155,000
<b>Project total</b>		<b>\$1,700,000</b>	<b>\$8,815,000</b>	<b>\$8,815,000</b>	<b>-</b>	<b>-</b>	<b>\$19,330,000</b>
Water		1,700,000	8,815,000	8,815,000	-	-	\$19,330,000
<b>Funding total</b>		<b>\$1,700,000</b>	<b>\$8,815,000</b>	<b>\$8,815,000</b>	<b>-</b>	<b>-</b>	<b>\$19,330,000</b>
<b>WS85500439</b>	<b>VAL VISTA TRANSMISSION MAIN REHABILITATION</b>						
Rehabilitate 7,626 linear feet of Pre-stressed Concrete Cylinder Pipe.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		-	-	-	-	8,750,000	\$8,750,000
Construction Administration		-	-	-	1,000,000	-	\$1,000,000
Design		-	-	-	675,000	-	\$675,000
Other		-	-	-	25,000	55,000	\$80,000
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,700,000</b>	<b>\$8,805,000</b>	<b>\$10,505,000</b>
Nonprofit Corporation Bonds - Water		-	-	-	1,700,000	8,805,000	\$10,505,000
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,700,000</b>	<b>\$8,805,000</b>	<b>\$10,505,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500440</b>	<b>WATER MAIN: 16-INCH ZONE 1 – CARVER MOUNTAIN LOOP</b>						
	Install 12,000 linear feet of 16-inch water main in Carver Mountain Loop from Carver Road and 51st Avenue to Elliott Road and 35th Avenue to South Mountain reservoir site.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	4,368,403	-	-	-	\$4,368,403
	Design	402,500	-	-	-	-	\$402,500
	Other	60,400	140,800	-	-	-	\$201,200
	<b>Project total</b>	<b>\$462,900</b>	<b>\$4,509,203</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,972,103</b>
	Impact Fees	462,900	4,509,203	-	-	-	\$4,972,103
	<b>Funding total</b>	<b>\$462,900</b>	<b>\$4,509,203</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,972,103</b>
<b>WS85500442</b>	<b>60-INCH ZONE 4A MAIN FROM 24TH STREET WATER TREATMENT PLANT TO 32ND STREET AND BELL ROAD</b>						
	Design and construct 61,000 linear feet water main from 24th Street Water Treatment Plant to 32nd Street and Bell Road.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2, 3 &amp; 6</b>
	Construction	-	67,000,000	-	-	-	\$67,000,000
	Construction Administration	-	6,700,000	-	-	-	\$6,700,000
	Other	35,000	105,000	35,000	25,000	-	\$200,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$73,805,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$73,900,000</b>
	Nonprofit Corporation Bonds - Water	35,000	73,805,000	35,000	25,000	-	\$73,900,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$73,805,000</b>	<b>\$35,000</b>	<b>\$25,000</b>	<b>-</b>	<b>\$73,900,000</b>
<b>WS85500445</b>	<b>SOUTH MOUNTAIN FREEWAY WATER RELOCATIONS</b>						
	Conduct water relocations associated with the South Mountain Freeway.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6, 7 &amp; 8</b>
	Other	104,000	-	-	-	-	\$104,000
	<b>Project total</b>	<b>\$104,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$104,000</b>
	Water	104,000	-	-	-	-	\$104,000
	<b>Funding total</b>	<b>\$104,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$104,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500446</b>	<b>WATER MAIN: 12-INCH ZONE 1 – OLD TOWER ROAD</b>						
	Install 11,500 linear feet of 12-inch water main in Old Tower Road from 24th Street to the Air National Guard Base.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	-	-	3,500,000	-	\$3,500,000
	Construction Administration	-	-	-	350,000	-	\$350,000
	Design	-	350,000	-	-	-	\$350,000
	Other	-	35,000	35,000	35,000	35,000	\$140,000
	<b>Project total</b>	-	<b>\$385,000</b>	<b>\$35,000</b>	<b>\$3,885,000</b>	<b>\$35,000</b>	<b>\$4,340,000</b>
	Nonprofit Corporation Bonds - Water	-	385,000	35,000	3,885,000	35,000	\$4,340,000
	<b>Funding total</b>	-	<b>\$385,000</b>	<b>\$35,000</b>	<b>\$3,885,000</b>	<b>\$35,000</b>	<b>\$4,340,000</b>
<b>WS85500447</b>	<b>WATER MAIN: 16-INCH ZONE 1 – CAMELBACK ROAD</b>						
	Install 11,000 linear feet of 16-inch water main in Camelback Road from 75th Avenue to 91st Avenue.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	3,500,000	-	-	\$3,500,000
	Construction Administration	-	-	350,000	-	-	\$350,000
	Design	350,000	-	-	-	-	\$350,000
	Other	35,000	35,000	35,000	35,000	-	\$140,000
	<b>Project total</b>	<b>\$385,000</b>	<b>\$35,000</b>	<b>\$3,885,000</b>	<b>\$35,000</b>	-	<b>\$4,340,000</b>
	Nonprofit Corporation Bonds - Water	385,000	35,000	3,885,000	35,000	-	\$4,340,000
	<b>Funding total</b>	<b>\$385,000</b>	<b>\$35,000</b>	<b>\$3,885,000</b>	<b>\$35,000</b>	-	<b>\$4,340,000</b>
<b>WS85500448</b>	<b>ZONE 0S – 12-INCH MAIN IN 51ST AVENUE</b>						
	Install 6,700 linear feet of 12-inch main in 51st Avenue from La Mirada to Sunrise Drive.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	-	-	2,000,000	-	\$2,000,000
	Construction Administration	-	-	-	200,000	-	\$200,000
	Design	-	200,000	-	-	-	\$200,000
	Other	-	35,000	35,000	35,000	35,000	\$140,000
	<b>Project total</b>	-	<b>\$235,000</b>	<b>\$35,000</b>	<b>\$2,235,000</b>	<b>\$35,000</b>	<b>\$2,540,000</b>
	Nonprofit Corporation Bonds - Water	-	235,000	35,000	2,235,000	35,000	\$2,540,000
	<b>Funding total</b>	-	<b>\$235,000</b>	<b>\$35,000</b>	<b>\$2,235,000</b>	<b>\$35,000</b>	<b>\$2,540,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85500449</b>	<b>WATER MAIN: 16-INCH ZONE 0S – 59TH AVENUE</b>						
	Install 650 linear feet of 16-inch water main in 59th Avenue from Siesta Way to Dobbins Road.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	500,000	-	-	-	\$500,000
	Construction Administration	-	50,000	-	-	-	\$50,000
	Other	35,000	35,000	35,000	-	-	\$105,000
	<b>Project total</b>	<b>\$35,000</b>	<b>\$585,000</b>	<b>\$35,000</b>	<b>-</b>	<b>-</b>	<b>\$655,000</b>
	Nonprofit Corporation Bonds - Water	35,000	585,000	35,000	-	-	\$655,000
	<b>Funding total</b>	<b>\$35,000</b>	<b>\$585,000</b>	<b>\$35,000</b>	<b>-</b>	<b>-</b>	<b>\$655,000</b>
<b>WS85500450</b>	<b>WATER MAIN: 48-INCH ZONE 1 – SALT RIVER CROSSING</b>						
	Install 3,200 linear feet of 48-inch water main crossing the Salt River to booster station 1-NB5.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	-	2,500,000	-	\$2,500,000
	Construction Administration	-	-	-	250,000	-	\$250,000
	Design	-	-	250,000	-	-	\$250,000
	Other	-	-	35,000	35,000	35,000	\$105,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$285,000</b>	<b>\$2,785,000</b>	<b>\$35,000</b>	<b>\$3,105,000</b>
	Nonprofit Corporation Bonds - Water	-	-	285,000	2,785,000	35,000	\$3,105,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$285,000</b>	<b>\$2,785,000</b>	<b>\$35,000</b>	<b>\$3,105,000</b>
<b>WS85501000</b>	<b>WATER SERVICES REHABILITATION AND REPLACEMENT</b>						
	Provide for staff time and materials to install new services and meters.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	1,049,039	1,049,039	1,049,039	1,049,039	1,049,039	\$5,245,195
	Other	728,993	728,993	728,993	728,993	728,993	\$3,644,965
	<b>Project total</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$8,890,160</b>
	Water	1,778,032	1,778,032	1,778,032	1,778,032	1,778,032	\$8,890,160
	<b>Funding total</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$1,778,032</b>	<b>\$8,890,160</b>
<b>WS85502000</b>	<b>WATER SERVICES – RELOCATE/EXTEND</b>						
	Extend or relocate existing water services.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	15,000	15,000	15,000	15,000	15,000	\$75,000
	Other	5,000	5,000	5,000	5,000	5,000	\$25,000
	<b>Project total</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$100,000</b>
	Nonprofit Corporation Bonds - Water	20,000	20,000	20,000	20,000	20,000	\$100,000
	<b>Funding total</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$100,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85503000</b>	<b>WATER MAIN CONSTRUCTION (ECONOMIC DEVELOPMENT SUPPORT PROJECT)</b>						
	New distribution water mains within strategic/growth areas.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Economic Development and Education</b>
							<b>District: Citywide</b>
	Construction	600,000	700,000	1,000,000	1,000,000	1,000,000	\$4,300,000
	<b>Project total</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$4,300,000</b>
	Water	600,000	700,000	1,000,000	1,000,000	1,000,000	\$4,300,000
	<b>Funding total</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$4,300,000</b>
<b>WS85503001</b>	<b>WATER IMPROVEMENT DISTRICTS PROGRAM</b>						
	Install water mains in approved residential improvement district areas. Property owners repay the City over a 10-year period.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Design	-	1,750,000	-	-	-	\$1,750,000
	Other	-	35,000	-	-	-	\$35,000
	<b>Project total</b>	<b>-</b>	<b>\$1,785,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,785,000</b>
	Water	-	1,785,000	-	-	-	\$1,785,000
	<b>Funding total</b>	<b>-</b>	<b>\$1,785,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,785,000</b>
<b>WS85504000</b>	<b>WATER SERVICES – REPLACEMENT</b>						
	Repair and replace leaking water services from main to meter.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	\$40,000,000
	Other	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
	<b>Project total</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$45,000,000</b>
	Water	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	\$45,000,000
	<b>Funding total</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$9,000,000</b>	<b>\$45,000,000</b>
<b>WS85507000</b>	<b>LARGE DIAMETER MAIN PROGRAM</b>						
	Inspect, assess, rehabilitate and replace large diameter water mains and associated appurtenances.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: Citywide</b>
	Construction	-	2,665,200	14,524,100	12,761,215	12,493,800	\$42,444,315
	Design	150,000	425,000	590,000	480,000	480,000	\$2,125,000
	Other	950,000	1,015,400	1,034,900	980,000	980,000	\$4,960,300
	<b>Project total</b>	<b>\$1,100,000</b>	<b>\$4,105,600</b>	<b>\$16,149,000</b>	<b>\$14,221,215</b>	<b>\$13,953,800</b>	<b>\$49,529,615</b>
	Nonprofit Corporation Bonds - Water	1,100,000	4,105,600	16,149,000	14,221,215	13,953,800	\$49,529,615
	<b>Funding total</b>	<b>\$1,100,000</b>	<b>\$4,105,600</b>	<b>\$16,149,000</b>	<b>\$14,221,215</b>	<b>\$13,953,800</b>	<b>\$49,529,615</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85507002</b>	<b>ZONE 3D MAIN UPGRADES</b>						
	Replace 13,000 linear feet of 36-inch with 42-inch water main.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
Construction		-	7,500,000	-	-	-	\$7,500,000
Construction Administration		-	750,000	-	-	-	\$750,000
Other		35,000	60,000	60,000	25,000	-	\$180,000
<b>Project total</b>		<b>\$35,000</b>	<b>\$8,310,000</b>	<b>\$60,000</b>	<b>\$25,000</b>	-	<b>\$8,430,000</b>
Nonprofit Corporation Bonds - Water		35,000	8,310,000	60,000	25,000	-	\$8,430,000
<b>Funding total</b>		<b>\$35,000</b>	<b>\$8,310,000</b>	<b>\$60,000</b>	<b>\$25,000</b>	-	<b>\$8,430,000</b>
<b>WS85507003</b>	<b>SCENARIO 16B TRANSMISSION MAIN IMPROVEMENTS</b>						
	Construct the scenario 16B 60-inch diameter Pre-stressed Concrete Cylinder Pipe on 36th Street from Elwood Street to Baseline Road, east on Baseline Road to 42nd Place, and south on 42nd Place to the Booster Pump Station.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		9,925,000	-	-	-	-	\$9,925,000
Other		70,000	-	-	-	-	\$70,000
<b>Project total</b>		<b>\$9,995,000</b>	-	-	-	-	<b>\$9,995,000</b>
Nonprofit Corporation Bonds - Water		9,995,000	-	-	-	-	\$9,995,000
<b>Funding total</b>		<b>\$9,995,000</b>	-	-	-	-	<b>\$9,995,000</b>
<b>WS85507004</b>	<b>SCENARIO 3A TRANSMISSION MAIN REHABILITATION</b>						
	Rehabilitate or replace 48-inch diameter Pre-stressed Concrete Cylinder Pipe north of 24th Street Water Treatment Plant to Orangewood Avenue and 20th Street.						
							<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
Construction		14,025,000	-	-	-	-	\$14,025,000
Other		70,000	-	-	-	-	\$70,000
<b>Project total</b>		<b>\$14,095,000</b>	-	-	-	-	<b>\$14,095,000</b>
Nonprofit Corporation Bonds - Water		14,095,000	-	-	-	-	\$14,095,000
<b>Funding total</b>		<b>\$14,095,000</b>	-	-	-	-	<b>\$14,095,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85508000</b>	<b>MEDIUM DIAMETER MAIN INSPECTION AND ASSESSMENT PROGRAM</b>						
	Provide inspection services to inspect and assess the condition of existing water mains from 16-inch to 36-inch in diameter.						
	<b>Function: Water Mains</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: Citywide</b>						
	Construction	-	1,500,000	3,000,000	2,000,000	2,000,000	\$8,500,000
	Construction Administration	-	600,000	-	500,000	-	\$1,100,000
	Design	3,939,200	-	3,939,200	-	3,939,200	\$11,817,600
	Other	210,000	210,000	185,000	185,000	185,000	\$975,000
	<b>Project total</b>	<b>\$4,149,200</b>	<b>\$2,310,000</b>	<b>\$7,124,200</b>	<b>\$2,685,000</b>	<b>\$6,124,200</b>	<b>\$22,392,600</b>
	Nonprofit Corporation Bonds - Water	4,149,200	2,310,000	7,124,200	2,685,000	6,124,200	\$22,392,600
	<b>Funding total</b>	<b>\$4,149,200</b>	<b>\$2,310,000</b>	<b>\$7,124,200</b>	<b>\$2,685,000</b>	<b>\$6,124,200</b>	<b>\$22,392,600</b>
<b>WS85508001</b>	<b>REINFORCED CONCRETE PIPE MAIN INSPECTION AND ASSESSMENT PROGRAM</b>						
	Inspect and assess the condition of existing reinforced concrete pipe water mains 16-inch in diameter and larger to determine main replacement, rehabilitation or continued service.						
	<b>Function: Water Mains</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: Citywide</b>						
	Construction	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$9,500,000
	Other	65,200	90,000	90,000	15,000	15,000	\$275,200
	<b>Project total</b>	<b>\$3,565,200</b>	<b>\$1,590,000</b>	<b>\$1,590,000</b>	<b>\$1,515,000</b>	<b>\$1,515,000</b>	<b>\$9,775,200</b>
	Nonprofit Corporation Bonds - Water	3,565,200	1,590,000	1,590,000	1,515,000	1,515,000	\$9,775,200
	<b>Funding total</b>	<b>\$3,565,200</b>	<b>\$1,590,000</b>	<b>\$1,590,000</b>	<b>\$1,515,000</b>	<b>\$1,515,000</b>	<b>\$9,775,200</b>
<b>WS85509010</b>	<b>WATER MAINS REPLACEMENT: THOMAS ROAD TO OSBORN ROAD AND 24TH STREET TO 28TH STREET</b>						
	Install 19,600 linear feet of water mains, relocate 45 meters and install 21 fire hydrants.						
	<b>Function: Water Mains</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: 8</b>						
	Construction	1,985,000	-	-	-	-	\$1,985,000
	Other	222,000	-	-	-	-	\$222,000
	<b>Project total</b>	<b>\$2,207,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,207,000</b>
	Nonprofit Corporation Bonds - Water	2,207,000	-	-	-	-	\$2,207,000
	<b>Funding total</b>	<b>\$2,207,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,207,000</b>
<b>WS85509013</b>	<b>WATER MAINS REPLACEMENT: MARYLAND AVENUE TO GLENDALE AVENUE AND 16TH STREET TO 20TH STREET</b>						
	Install 10,400 linear feet of water mains and 8 fire hydrants.						
	<b>Function: Water Mains</b>						
	<b>Strategic Plan: Infrastructure</b>						
	<b>District: 6</b>						
	Construction	-	-	2,090,000	-	-	\$2,090,000
	Other	-	10,450	250,800	-	-	\$261,250
	<b>Project total</b>	<b>-</b>	<b>\$10,450</b>	<b>\$2,340,800</b>	<b>-</b>	<b>-</b>	<b>\$2,351,250</b>
	Water	-	10,450	2,340,800	-	-	\$2,351,250
	<b>Funding total</b>	<b>-</b>	<b>\$10,450</b>	<b>\$2,340,800</b>	<b>-</b>	<b>-</b>	<b>\$2,351,250</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509015</b>	<b>WATER MAINS REPLACEMENT: CAMELBACK ROAD TO MISSOURI AVENUE AND 12TH STREET TO 16TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 14,108 linear feet of water mains, 13 fire hydrants and 163 meter relocations.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Other	326,700	-	-	-	-	\$326,700
	<b>Project total</b>	<b>\$326,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$326,700</b>
	Nonprofit Corporation Bonds - Water	326,700	-	-	-	-	\$326,700
	<b>Funding total</b>	<b>\$326,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$326,700</b>
<b>WS85509017</b>	<b>WATER MAINS REPLACEMENT: DEER VALLEY ROAD TO WILLIAMS DRIVE AND 31ST AVENUE TO 27TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 9,000 linear feet of water mains, 20 fire hydrants and 25 meter relocations.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Other	192,000	-	-	-	-	\$192,000
	<b>Project total</b>	<b>\$192,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$192,000</b>
	Water	192,000	-	-	-	-	\$192,000
	<b>Funding total</b>	<b>\$192,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$192,000</b>
<b>WS85509018</b>	<b>WATER MAINS REPLACEMENT: MARICOPA FREEWAY TO BUCKEYE ROAD AND 19TH AVENUE TO 15TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 25,340 linear feet of water mains, 36 fire hydrants and 40 meter relocations.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	4,800,000	-	-	-	-	\$4,800,000
	Other	568,800	-	-	-	-	\$568,800
	<b>Project total</b>	<b>\$5,368,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,368,800</b>
	Nonprofit Corporation Bonds - Water	5,368,800	-	-	-	-	\$5,368,800
	<b>Funding total</b>	<b>\$5,368,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,368,800</b>
<b>WS85509023</b>	<b>WATER MAINS REPLACEMENT: CAMELBACK ROAD TO MISSOURI AVENUE AND 19TH AVENUE TO 15TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Camelback Road to Missouri Avenue and 19th Avenue to 15th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	-	-	-	-	1,850,000	\$1,850,000
	Other	-	-	-	9,250	222,000	\$231,250
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$9,250</b>	<b>\$2,072,000</b>	<b>\$2,081,250</b>
	Water	-	-	-	9,250	2,072,000	\$2,081,250
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$9,250</b>	<b>\$2,072,000</b>	<b>\$2,081,250</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509026</b>	<b>WATER MAINS REPLACEMENT: HARRISON STREET TO VAN BUREN STREET AND 24TH STREET TO 28TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 24th Street to 28th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
Construction		-	-	5,654,000	-	-	\$5,654,000
Design		543,500	-	-	-	-	\$543,500
Other		-	54,350	-	652,200	-	\$706,550
<b>Project total</b>		<b>\$543,500</b>	<b>\$54,350</b>	<b>\$5,654,000</b>	<b>\$652,200</b>	<b>-</b>	<b>\$6,904,050</b>
Water		543,500	54,350	5,654,000	652,200	-	\$6,904,050
<b>Funding total</b>		<b>\$543,500</b>	<b>\$54,350</b>	<b>\$5,654,000</b>	<b>\$652,200</b>	<b>-</b>	<b>\$6,904,050</b>
<b>WS85509028</b>	<b>WATER MAINS REPLACEMENT: ARIZONA CANAL TO GLENDALE AVENUE AND ARIZONA CANAL TO 20TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Arizona Canal to Glendale Avenue, 20th Street and the Arizona Canal.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
Construction		-	-	-	-	1,163,000	\$1,163,000
Other		-	-	-	5,500	132,000	\$137,500
<b>Project total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,500</b>	<b>\$1,295,000</b>	<b>\$1,300,500</b>
Nonprofit Corporation Bonds - Water		-	-	-	5,500	1,295,000	\$1,300,500
<b>Funding total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,500</b>	<b>\$1,295,000</b>	<b>\$1,300,500</b>
<b>WS85509029</b>	<b>WATER MAINS REPLACEMENT: HARRISON STREET TO VAN BUREN STREET AND 23RD AVENUE TO 19TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 23rd Avenue to 19th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
Construction		-	-	9,290,000	-	-	\$9,290,000
Design		929,000	-	-	-	-	\$929,000
Other		-	92,900	-	1,114,800	-	\$1,207,700
<b>Project total</b>		<b>\$929,000</b>	<b>\$92,900</b>	<b>\$9,290,000</b>	<b>\$1,114,800</b>	<b>-</b>	<b>\$11,426,700</b>
Nonprofit Corporation Bonds - Water		929,000	92,900	9,290,000	1,114,800	-	\$11,426,700
<b>Funding total</b>		<b>\$929,000</b>	<b>\$92,900</b>	<b>\$9,290,000</b>	<b>\$1,114,800</b>	<b>-</b>	<b>\$11,426,700</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509031</b>	<b>WATER MAINS REPLACEMENT: MOUNTAIN VIEW ROAD TO PEORIA AVENUE AND 15TH AVENUE TO 19TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Mountain View Road to Peoria Avenue and 15th Avenue to 19th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 3</b>
	Construction	-	5,620,000	-	-	-	\$5,620,000
	Other	-	672,600	-	-	-	\$672,600
	<b>Project total</b>	<b>-</b>	<b>\$6,292,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,292,600</b>
	Water	-	6,292,600	-	-	-	\$6,292,600
	<b>Funding total</b>	<b>-</b>	<b>\$6,292,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$6,292,600</b>
<b>WS85509032</b>	<b>WATER MAINS REPLACEMENT: HARRISON STREET TO VAN BUREN STREET AND 27TH AVENUE TO 23RD AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 27th Avenue to 23rd Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	4,270,000	-	-	-	-	\$4,270,000
	Other	315,000	192,000	-	-	-	\$507,000
	<b>Project total</b>	<b>\$4,585,000</b>	<b>\$192,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,777,000</b>
	Water	4,585,000	192,000	-	-	-	\$4,777,000
	<b>Funding total</b>	<b>\$4,585,000</b>	<b>\$192,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,777,000</b>
<b>WS85509033</b>	<b>WATER MAINS REPLACEMENT: VAN BUREN STREET TO ROOSEVELT STREET AND 36TH STREET TO 40TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Van Buren Street to Roosevelt Street and 36th Street to 40th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	2,330,000	-	-	-	-	\$2,330,000
	Other	249,000	-	-	-	-	\$249,000
	<b>Project total</b>	<b>\$2,579,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,579,000</b>
	Water	2,579,000	-	-	-	-	\$2,579,000
	<b>Funding total</b>	<b>\$2,579,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,579,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509034</b>	<b>WATER MAINS REPLACEMENT: VAN BUREN STREET TO ROOSEVELT STREET AND 15TH AVENUE TO 7TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Van Buren Street to Roosevelt Street and 15th Avenue to 7th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	3,335,000	-	-	\$3,335,000
	Design	-	333,500	-	-	-	\$333,500
	Other	-	33,350	400,200	-	-	\$433,550
	<b>Project total</b>	-	<b>\$366,850</b>	<b>\$3,735,200</b>	-	-	<b>\$4,102,050</b>
	Nonprofit Corporation Bonds - Water	-	366,850	3,735,200	-	-	\$4,102,050
	<b>Funding total</b>	-	<b>\$366,850</b>	<b>\$3,735,200</b>	-	-	<b>\$4,102,050</b>
<b>WS85509035</b>	<b>WATER MAINS REPLACEMENT: HARRISON STREET TO VAN BUREN STREET AND 35TH AVENUE TO 31ST AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 35th Avenue to 31st Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Other	240,000	-	-	-	-	\$240,000
	<b>Project total</b>	<b>\$240,000</b>	-	-	-	-	<b>\$240,000</b>
	Nonprofit Corporation Bonds - Water	240,000	-	-	-	-	\$240,000
	<b>Funding total</b>	<b>\$240,000</b>	-	-	-	-	<b>\$240,000</b>
<b>WS85509036</b>	<b>WATER MAINS REPLACEMENT: MCDOWELL ROAD TO OAK STREET AND 7TH STREET TO 12TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by McDowell Road to Oak Street and 7th Street to 12th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	3,085,000	-	-	\$3,085,000
	Design	-	308,500	-	-	-	\$308,500
	Other	-	30,850	370,200	-	-	\$401,050
	<b>Project total</b>	-	<b>\$339,350</b>	<b>\$3,455,200</b>	-	-	<b>\$3,794,550</b>
	Water	-	339,350	3,455,200	-	-	\$3,794,550
	<b>Funding total</b>	-	<b>\$339,350</b>	<b>\$3,455,200</b>	-	-	<b>\$3,794,550</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509037</b>	<b>WATER MAINS REPLACEMENT: ORANGEWOOD AVENUE TO NORTHERN AVENUE AND 12TH STREET TO 16TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Orangewood Avenue to Northern Avenue and 12th Street to 16th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	-	-	-	4,825,000	\$4,825,000
	Design	-	-	451,000	-	-	\$451,000
	Other	-	-	-	45,100	541,200	\$586,300
	<b>Project total</b>	-	-	<b>\$451,000</b>	<b>\$45,100</b>	<b>\$5,366,200</b>	<b>\$5,862,300</b>
	Water	-	-	451,000	45,100	5,366,200	\$5,862,300
	<b>Funding total</b>	-	-	<b>\$451,000</b>	<b>\$45,100</b>	<b>\$5,366,200</b>	<b>\$5,862,300</b>
<b>WS85509041</b>	<b>WATER MAINS REPLACEMENT: CAMELBACK ROAD TO CAMPBELL AVENUE AND 36TH STREET TO 40TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Camelback Road to Campbell Avenue and 36th Street to 40th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	-	-	-	2,045,000	\$2,045,000
	Design	-	204,500	-	-	-	\$204,500
	Other	-	20,450	-	-	245,400	\$265,850
	<b>Project total</b>	-	<b>\$224,950</b>	-	-	<b>\$2,290,400</b>	<b>\$2,515,350</b>
	Water	-	224,950	-	-	2,290,400	\$2,515,350
	<b>Funding total</b>	-	<b>\$224,950</b>	-	-	<b>\$2,290,400</b>	<b>\$2,515,350</b>
<b>WS85509042</b>	<b>WATER MAINS REPLACEMENT: THOMAS ROAD TO OSBORN ROAD AND 16TH STREET TO 20TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Thomas Road to Osborn Road and 16th Street to 20th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	-	-	-	-	1,660,000	\$1,660,000
	Other	-	-	-	16,300	195,600	\$211,900
	<b>Project total</b>	-	-	-	<b>\$16,300</b>	<b>\$1,855,600</b>	<b>\$1,871,900</b>
	Nonprofit Corporation Bonds - Water	-	-	-	16,300	1,855,600	\$1,871,900
	<b>Funding total</b>	-	-	-	<b>\$16,300</b>	<b>\$1,855,600</b>	<b>\$1,871,900</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509043</b>	<b>WATER MAINS REPLACEMENT: HARRISON STREET TO VAN BUREN STREET AND 16TH STREET TO 20TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 16th Street to 20th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	1,860,000	-	-	-	-	\$1,860,000
	Other	223,200	-	-	-	-	\$223,200
	<b>Project total</b>	<b>\$2,083,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,083,200</b>
	Nonprofit Corporation Bonds - Water	2,083,200	-	-	-	-	\$2,083,200
	<b>Funding total</b>	<b>\$2,083,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,083,200</b>
<b>WS85509044</b>	<b>WATER MAINS REPLACEMENT: INDIAN SCHOOL ROAD TO CAMPBELL AVENUE AND 32ND STREET TO 36TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Indian School Road to Campbell Avenue and 32nd Street to 36th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	810,000	-	-	-	\$810,000
	Design	81,000	-	-	-	-	\$81,000
	Other	8,100	97,200	-	-	-	\$105,300
	<b>Project total</b>	<b>\$89,100</b>	<b>\$907,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$996,300</b>
	Nonprofit Corporation Bonds - Water	89,100	907,200	-	-	-	\$996,300
	<b>Funding total</b>	<b>\$89,100</b>	<b>\$907,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$996,300</b>
<b>WS85509045</b>	<b>WATER MAINS REPLACEMENT: ROESER ROAD TO BROADWAY ROAD AND 20TH STREET TO 24TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Roeser Road to Broadway Road and 20th Street to 24th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	1,753,000	-	-	-	\$1,753,000
	Design	130,000	-	-	-	-	\$130,000
	Other	13,000	156,000	-	-	-	\$169,000
	<b>Project total</b>	<b>\$143,000</b>	<b>\$1,909,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,052,000</b>
	Water	143,000	1,909,000	-	-	-	\$2,052,000
	<b>Funding total</b>	<b>\$143,000</b>	<b>\$1,909,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,052,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509046</b>	<b>WATER MAINS REPLACEMENT: BROADWAY ROAD TO ELWOOD STREET AND 16TH STREET TO 20TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Broadway Road to Elwood Street and 16th Street to 20th Street.						Strategic Plan: Infrastructure
							District: 8
	Construction	-	1,365,000	-	-	-	\$1,365,000
	Design	79,500	-	-	-	-	\$79,500
	Other	7,950	95,400	-	-	-	\$103,350
	<b>Project total</b>	<b>\$87,450</b>	<b>\$1,460,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,547,850</b>
	Water	87,450	1,460,400	-	-	-	\$1,547,850
	<b>Funding total</b>	<b>\$87,450</b>	<b>\$1,460,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,547,850</b>
<b>WS85509047</b>	<b>WATER MAINS REPLACEMENT: ROESER ROAD TO BROADWAY ROAD AND 24TH STREET TO 28TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Roeser Road to Broadway Road and 24th Street to 28th Street.						Strategic Plan: Infrastructure
							District: 8
	Construction	-	2,025,000	-	-	-	\$2,025,000
	Design	202,500	-	-	-	-	\$202,500
	Other	20,250	24,300	-	-	-	\$44,550
	<b>Project total</b>	<b>\$222,750</b>	<b>\$2,049,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,272,050</b>
	Nonprofit Corporation Bonds - Water	222,750	2,049,300	-	-	-	\$2,272,050
	<b>Funding total</b>	<b>\$222,750</b>	<b>\$2,049,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,272,050</b>
<b>WS85509048</b>	<b>WATER MAINS REPLACEMENT: BUCKEYE ROAD TO HARRISON STREET AND 23RD AVENUE TO 35TH AVENUE</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Buckeye Road to Harrison Street and 23rd Avenue to 35th Avenue.						Strategic Plan: Infrastructure
							District: 7
	Design	-	505,000	5,629,000	-	-	\$6,134,000
	Other	-	50,500	606,000	-	-	\$656,500
	<b>Project total</b>	<b>-</b>	<b>\$555,500</b>	<b>\$6,235,000</b>	<b>-</b>	<b>-</b>	<b>\$6,790,500</b>
	Water	-	555,500	6,235,000	-	-	\$6,790,500
	<b>Funding total</b>	<b>-</b>	<b>\$555,500</b>	<b>\$6,235,000</b>	<b>-</b>	<b>-</b>	<b>\$6,790,500</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509049</b>	<b>WATER MAINS REPLACEMENT: VAN BUREN STREET TO ROOSEVELT STREET AND 19TH AVENUE TO 23RD AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Van Buren Street to Roosevelt Street and 19th Avenue to 23rd Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Construction	-	-	-	1,900,000	-	\$1,900,000
	Design	-	-	190,000	-	-	\$190,000
	Other	-	-	19,000	228,000	-	\$247,000
	<b>Project total</b>	-	-	<b>\$209,000</b>	<b>\$2,128,000</b>	-	<b>\$2,337,000</b>
	Nonprofit Corporation Bonds - Water	-	-	209,000	2,128,000	-	\$2,337,000
	<b>Funding total</b>	-	-	<b>\$209,000</b>	<b>\$2,128,000</b>	-	<b>\$2,337,000</b>
<b>WS85509050</b>	<b>WATER MAINS REPLACEMENT: STANFORD DRIVE TO MCDONALD DRIVE AND 40TH STREET TO 44TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Stanford Drive to McDonald Drive and 40th Street to 44th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	-	-	4,850,000	-	\$4,850,000
	Design	-	-	485,000	-	-	\$485,000
	Other	-	-	48,500	582,000	-	\$630,500
	<b>Project total</b>	-	-	<b>\$533,500</b>	<b>\$5,432,000</b>	-	<b>\$5,965,500</b>
	Nonprofit Corporation Bonds - Water	-	-	533,500	5,432,000	-	\$5,965,500
	<b>Funding total</b>	-	-	<b>\$533,500</b>	<b>\$5,432,000</b>	-	<b>\$5,965,500</b>
<b>WS85509051</b>	<b>WATER MAINS REPLACEMENT: DUNLAP AVENUE TO MOUNTAIN VIEW ROAD AND 7TH AVENUE TO 15TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Dunlap Avenue to Mountain View Avenue and 7th Avenue to 15th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 3</b>
	Construction	-	-	-	1,674,000	-	\$1,674,000
	Design	-	-	162,000	-	-	\$162,000
	Other	-	-	16,200	194,400	-	\$210,600
	<b>Project total</b>	-	-	<b>\$178,200</b>	<b>\$1,868,400</b>	-	<b>\$2,046,600</b>
	Nonprofit Corporation Bonds - Water	-	-	178,200	1,868,400	-	\$2,046,600
	<b>Funding total</b>	-	-	<b>\$178,200</b>	<b>\$1,868,400</b>	-	<b>\$2,046,600</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509053</b>	<b>WATER MAINS REPLACEMENT: INDIAN SCHOOL ROAD TO CAMPBELL AVENUE AND 24TH STREET TO 28TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Indian School Road to Campbell Avenue and 24th Street to 28th Street.						Strategic Plan: Infrastructure
							District: 6
	Construction	2,232,000	-	-	-	-	\$2,232,000
	Other	216,000	-	-	-	-	\$216,000
	<b>Project total</b>	<b>\$2,448,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,448,000</b>
	Water	2,448,000	-	-	-	-	\$2,448,000
	<b>Funding total</b>	<b>\$2,448,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,448,000</b>
<b>WS85509054</b>	<b>WATER MAINS REPLACEMENT: INDIAN BEND ROAD TO MOCKINGBIRD LANE AND INVERGORDON ROAD TO 60TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Indian Bend Road to Mockingbird Lane and Invergordon Road to 60th Street.						Strategic Plan: Infrastructure
							District: Citywide
	Construction	-	7,275,000	-	-	-	\$7,275,000
	Other	-	869,400	-	-	-	\$869,400
	<b>Project total</b>	<b>-</b>	<b>\$8,144,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,144,400</b>
	Nonprofit Corporation Bonds - Water	-	8,144,400	-	-	-	\$8,144,400
	<b>Funding total</b>	<b>-</b>	<b>\$8,144,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8,144,400</b>
<b>WS85509055</b>	<b>WATER MAINS REPLACEMENT: CAMELBACK ROAD FROM 26TH STREET TO 40TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains on Camelback Road from 26th Street to 40th Street, and north/south on 32nd Street and south on 40th Street.						Strategic Plan: Infrastructure
							District: 6
	Construction	4,925,000	-	-	-	-	\$4,925,000
	Other	591,000	-	-	-	-	\$591,000
	<b>Project total</b>	<b>\$5,516,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,516,000</b>
	Water	5,516,000	-	-	-	-	\$5,516,000
	<b>Funding total</b>	<b>\$5,516,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,516,000</b>
<b>WS85509056</b>	<b>WATER MAINS REPLACEMENT: OAK STREET TO THOMAS ROAD AND 7TH STREET TO 12TH STREET</b>						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Oak Street to Thomas Road and 7th Street to 12th Street.						Strategic Plan: Infrastructure
							District: 4
	Construction	3,530,000	-	-	-	-	\$3,530,000
	Other	423,600	-	-	-	-	\$423,600
	<b>Project total</b>	<b>\$3,953,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,953,600</b>
	Water	3,953,600	-	-	-	-	\$3,953,600
	<b>Funding total</b>	<b>\$3,953,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,953,600</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509057</b>	<b>WATER MAINS REPLACEMENT: THOMAS ROAD TO OSBORN ROAD AND 12TH STREET TO 16TH STREET</b>						
							<b>Function: Water Mains</b>
	Replace or rehabilitate water mains in the area bounded by Thomas Road to Osborn Road and 12th Street to 16th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	-	-	2,296,000	-	-	\$2,296,000
	Design	-	205,000	-	-	-	\$205,000
	Other	-	20,500	246,000	-	-	\$266,500
	<b>Project total</b>	-	<b>\$225,500</b>	<b>\$2,542,000</b>	-	-	<b>\$2,767,500</b>
	Water	-	225,500	2,542,000	-	-	\$2,767,500
	<b>Funding total</b>	-	<b>\$225,500</b>	<b>\$2,542,000</b>	-	-	<b>\$2,767,500</b>
<b>WS85509058</b>	<b>AIRPORT MASTER INFRASTRUCTURE PLAN</b>						
	Study of water and sewer infrastructure at Phoenix Sky Harbor International Airport.						<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Other	20,000	-	-	-	-	\$20,000
	<b>Project total</b>	<b>\$20,000</b>	-	-	-	-	<b>\$20,000</b>
	Nonprofit Corporation Bonds - Water	20,000	-	-	-	-	\$20,000
	<b>Funding total</b>	<b>\$20,000</b>	-	-	-	-	<b>\$20,000</b>
<b>WS85509059</b>	<b>WATER MAINS REPLACEMENT: BELL ROAD TO GROVERS ROAD AND 28TH STREET TO 32ND STREET</b>						
	Replace or rehabilitate water mains in the area bounded by Bell Road to Grovers Road and 28th Street to 32nd Street.						<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	-	1,542,000	\$1,542,000
	Design	-	-	-	114,000	-	\$114,000
	Other	-	-	-	11,400	136,800	\$148,200
	<b>Project total</b>	-	-	-	<b>\$125,400</b>	<b>\$1,678,800</b>	<b>\$1,804,200</b>
	Water	-	-	-	125,400	1,678,800	\$1,804,200
	<b>Funding total</b>	-	-	-	<b>\$125,400</b>	<b>\$1,678,800</b>	<b>\$1,804,200</b>
<b>WS85509060</b>	<b>WATER MAINS REPLACEMENT: OSBORN ROAD TO EARLL DRIVE AND 40TH STREET TO 44TH STREET</b>						
	Install 8,751 linear feet of water distribution mains in the area bounded by Osborn Road to Earll Drive and 40th Street to 44th Street.						<b>Function: Water Mains</b>
							<b>Strategic Plan: Infrastructure</b>
							<b>District: 6</b>
	Construction	-	-	-	1,800,000	-	\$1,800,000
	Design	-	-	180,000	-	-	\$180,000
	Other	-	-	18,000	216,000	-	\$234,000
	<b>Project total</b>	-	-	<b>\$198,000</b>	<b>\$2,016,000</b>	-	<b>\$2,214,000</b>
	Nonprofit Corporation Bonds - Water	-	-	198,000	2,016,000	-	\$2,214,000
	<b>Funding total</b>	-	-	<b>\$198,000</b>	<b>\$2,016,000</b>	-	<b>\$2,214,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509061</b>	<b>WATER MAINS REPLACEMENT: SOUTHERN AVENUE AND VINEYARD ROAD AND 7TH STREET TO 12TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 19,582 linear feet of water distribution mains in the area bounded by Southern Avenue to Vineyard Road and 7th Street to 12th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	3,979,000	-	-	-	\$3,979,000
	Design	388,000	-	-	-	-	\$388,000
	Other	38,800	465,600	-	-	-	\$504,400
	<b>Project total</b>	<b>\$426,800</b>	<b>\$4,444,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,871,400</b>
	Nonprofit Corporation Bonds - Water	426,800	4,444,600	-	-	-	\$4,871,400
	<b>Funding total</b>	<b>\$426,800</b>	<b>\$4,444,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,871,400</b>
<b>WS85509062</b>	<b>WATER MAINS REPLACEMENT: DEER VALLEY ROAD TO WILLIAMS DRIVE AND 23RD AVENUE TO 27TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 9,791 linear feet of water distribution mains in the area bounded by Deer Valley Road to Williams Drive and 23rd Avenue to 27th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Design	-	-	-	-	165,000	\$165,000
	Other	-	-	-	-	16,500	\$16,500
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$181,500</b>	<b>\$181,500</b>
	Nonprofit Corporation Bonds - Water	-	-	-	-	181,500	\$181,500
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$181,500</b>	<b>\$181,500</b>
<b>WS85509063</b>	<b>WATER MAINS REPLACEMENT: VAN BUREN STREET TO JEFFERSON STREET AND 7TH STREET TO 12TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 4,601 linear feet of water distribution mains in the area bounded by Van Buren Street to Jefferson Street and 7th Street to 12th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	-	-	-	1,200,000	\$1,200,000
	Design	-	-	-	120,000	-	\$120,000
	Other	-	-	-	12,000	144,000	\$156,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$132,000</b>	<b>\$1,344,000</b>	<b>\$1,476,000</b>
	Nonprofit Corporation Bonds - Water	-	-	-	132,000	1,344,000	\$1,476,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$132,000</b>	<b>\$1,344,000</b>	<b>\$1,476,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509064</b>	<b>WATER MAINS REPLACEMENT: ANTHEM WAY TO OPPORTUNITY WAY AND 43RD AVENUE TO 47TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 9,719 linear feet of water distribution mains in the area bounded by Anthem Way to Opportunity Way and 43rd Avenue to 47th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 1</b>
	Construction	-	-	-	1,750,000	-	\$1,750,000
	Design	-	-	175,000	-	-	\$175,000
	Other	-	-	17,500	210,000	-	\$227,500
	<b>Project total</b>	-	-	<b>\$192,500</b>	<b>\$1,960,000</b>	-	<b>\$2,152,500</b>
	Nonprofit Corporation Bonds - Water	-	-	192,500	1,960,000	-	\$2,152,500
	<b>Funding total</b>	-	-	<b>\$192,500</b>	<b>\$1,960,000</b>	-	<b>\$2,152,500</b>
<b>WS85509065</b>	<b>WATER MAINS REPLACEMENT: MCDOWELL ROAD TO ENCANTO BOULEVARD AND 35TH AVENUE TO 43RD AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 53,558 linear feet of water distribution mains in the area bounded by McDowell Road to Encanto Boulevard and 35th Avenue to 43rd Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	-	-	-	10,189,000	-	\$10,189,000
	Design	-	956,500	-	-	-	\$956,500
	Other	-	-	95,650	1,147,800	-	\$1,243,450
	<b>Project total</b>	-	<b>\$956,500</b>	<b>\$95,650</b>	<b>\$11,336,800</b>	-	<b>\$12,388,950</b>
	Nonprofit Corporation Bonds - Water	-	956,500	95,650	11,336,800	-	\$12,388,950
	<b>Funding total</b>	-	<b>\$956,500</b>	<b>\$95,650</b>	<b>\$11,336,800</b>	-	<b>\$12,388,950</b>
<b>WS85509066</b>	<b>WATER MAINS REPLACEMENT: BUCKEYE ROAD TO HARRISON STREET AND 7TH STREET TO 12TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 9,378 linear feet of water distribution mains in the area bounded by Buckeye Road to Harrison Street and 7th Street to 12th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Design	-	-	-	-	152,500	\$152,500
	Other	-	-	-	-	15,250	\$15,250
	<b>Project total</b>	-	-	-	-	<b>\$167,750</b>	<b>\$167,750</b>
	Nonprofit Corporation Bonds - Water	-	-	-	-	167,750	\$167,750
	<b>Funding total</b>	-	-	-	-	<b>\$167,750</b>	<b>\$167,750</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509067</b>	<b>WATER MAINS REPLACEMENT: ROESER ROAD TO CARVER DRIVE AND 20TH STREET TO 24TH STREET</b>						
							Function: Water Mains
	Install 6,070 linear feet of water distribution mains in the area bounded by Roeser Road to Carver Drive and 20th Street to 24th Street.						Strategic Plan: Infrastructure
							District: 8
	Construction	-	1,756,000	-	-	-	\$1,756,000
	Design	130,000	-	-	-	-	\$130,000
	Other	13,000	156,000	-	-	-	\$169,000
	<b>Project total</b>	<b>\$143,000</b>	<b>\$1,912,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,055,000</b>
	Nonprofit Corporation Bonds - Water	143,000	1,912,000	-	-	-	\$2,055,000
	<b>Funding total</b>	<b>\$143,000</b>	<b>\$1,912,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$2,055,000</b>
<b>WS85509068</b>	<b>WATER MAINS REPLACEMENT: JACKRABBIT ROAD TO CHAPARRAL ROAD AND 56TH STREET TO INVERGORDON ROAD</b>						
							Function: Water Mains
	Install 5,658 linear feet of water distribution mains in the area bounded by Jackrabbit Road to Chaparral Road and 56th Street to Invergordon Road.						Strategic Plan: Infrastructure
							District: 6
	Design	-	-	-	-	113,000	\$113,000
	Other	-	-	-	-	11,300	\$11,300
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$124,300</b>	<b>\$124,300</b>
	Nonprofit Corporation Bonds - Water	-	-	-	-	124,300	\$124,300
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$124,300</b>	<b>\$124,300</b>
<b>WS85509069</b>	<b>WATER MAINS REPLACEMENT: NORTHERN AVENUE TO GRISWOLD ROAD AND 7TH STREET TO 12TH STREET</b>						
							Function: Water Mains
	Install 6,494 linear feet of water distribution mains in the area bounded by Northern Avenue to Griswold Road and 7th Street to 12th Street.						Strategic Plan: Infrastructure
							District: 6
	Construction	-	-	-	1,529,000	-	\$1,529,000
	Design	-	-	140,000	-	-	\$140,000
	Other	-	-	14,000	168,000	-	\$182,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$154,000</b>	<b>\$1,697,000</b>	<b>-</b>	<b>\$1,851,000</b>
	Nonprofit Corporation Bonds - Water	-	-	154,000	1,697,000	-	\$1,851,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$154,000</b>	<b>\$1,697,000</b>	<b>-</b>	<b>\$1,851,000</b>



**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509070</b>	<b>WATER MAINS REPLACEMENT: MCDOWELL ROAD TO ROOSEVELT STREET AND 19TH AVENUE TO 23RD AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 8,211 linear feet of water distribution mains in the area bounded by McDowell Road to Roosevelt Street and 19th Avenue to 23rd Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 7</b>
	Design	-	-	-	-	153,000	\$153,000
	Other	-	-	-	-	15,300	\$15,300
	<b>Project total</b>	-	-	-	-	<b>\$168,300</b>	<b>\$168,300</b>
	Nonprofit Corporation Bonds - Water	-	-	-	-	168,300	\$168,300
	<b>Funding total</b>	-	-	-	-	<b>\$168,300</b>	<b>\$168,300</b>
<b>WS85509071</b>	<b>WATER MAINS REPLACEMENT: THOMAS ROAD TO OAK STREET AND 32ND STREET TO 36TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 27,405 linear feet of water distribution mains in the area bounded by Thomas Road to Oak Street and 32nd Street to 36th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	-	-	-	5,190,000	\$5,190,000
	Design	-	-	-	519,000	-	\$519,000
	Other	-	-	-	51,900	622,800	\$674,700
	<b>Project total</b>	-	-	-	<b>\$570,900</b>	<b>\$5,812,800</b>	<b>\$6,383,700</b>
	Nonprofit Corporation Bonds - Water	-	-	-	570,900	5,812,800	\$6,383,700
	<b>Funding total</b>	-	-	-	<b>\$570,900</b>	<b>\$5,812,800</b>	<b>\$6,383,700</b>
<b>WS85509072</b>	<b>WATER MAINS REPLACEMENT: VAN BUREN STREET TO MCDOWELL ROAD AND 15TH AVENUE TO 19TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 25,853 linear feet of water distribution mains in the area bounded by Van Buren Street to McDowell Road and 15th Avenue to 19th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4 &amp; 7</b>
	Design	-	-	-	-	488,500	\$488,500
	Other	-	-	-	-	48,850	\$48,850
	<b>Project total</b>	-	-	-	-	<b>\$537,350</b>	<b>\$537,350</b>
	Nonprofit Corporation Bonds - Water	-	-	-	-	537,350	\$537,350
	<b>Funding total</b>	-	-	-	-	<b>\$537,350</b>	<b>\$537,350</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509073</b>	<b>WATER MAINS REPLACEMENT: BUCKEYE ROAD TO MARICOPA FREEWAY AND 7TH AVENUE TO 15TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 19,608 linear feet of water distribution mains in the area bounded by Buckeye Road to Maricopa Freeway and 7th Avenue to 15th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 8</b>
	Construction	-	3,713,000	-	-	-	\$3,713,000
	Design	365,000	-	-	-	-	\$365,000
	Other	36,500	438,000	-	-	-	\$474,500
	<b>Project total</b>	<b>\$401,500</b>	<b>\$4,151,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,552,500</b>
	Nonprofit Corporation Bonds - Water	401,500	4,151,000	-	-	-	\$4,552,500
	<b>Funding total</b>	<b>\$401,500</b>	<b>\$4,151,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$4,552,500</b>
<b>WS85509074</b>	<b>WATER MAINS REPLACEMENT: BETHANY HOME ROAD TO MISSOURI AVENUE AND 7TH AVENUE TO 11TH AVENUE</b>						
							<b>Function: Water Mains</b>
	Install 8,200 linear feet of water distribution mains in the area bounded by Bethany Home Road to Missouri Avenue and 7th Avenue to 11th Avenue.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 4</b>
	Construction	-	-	-	1,624,000	-	\$1,624,000
	Design	-	-	160,000	-	-	\$160,000
	Other	-	-	16,000	192,000	-	\$208,000
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$176,000</b>	<b>\$1,816,000</b>	<b>-</b>	<b>\$1,992,000</b>
	Nonprofit Corporation Bonds - Water	-	-	176,000	1,816,000	-	\$1,992,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$176,000</b>	<b>\$1,816,000</b>	<b>-</b>	<b>\$1,992,000</b>
<b>WS85509075</b>	<b>WATER MAINS REPLACEMENT: UNION HILLS DRIVE TO GROVERS AVENUE AND 40TH STREET TO 44TH STREET</b>						
							<b>Function: Water Mains</b>
	Install 7,262 linear feet of water distribution mains in the area bounded by Union Hills Drive to Grovers Avenue and 40th Street to 44th Street.						<b>Strategic Plan: Infrastructure</b>
							<b>District: 2</b>
	Construction	-	-	-	-	1,651,000	\$1,651,000
	Design	-	-	-	142,000	-	\$142,000
	Other	-	-	-	14,200	170,400	\$184,600
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$156,200</b>	<b>\$1,821,400</b>	<b>\$1,977,600</b>
	Nonprofit Corporation Bonds - Water	-	-	-	156,200	1,821,400	\$1,977,600
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$156,200</b>	<b>\$1,821,400</b>	<b>\$1,977,600</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509076</b>	<b>WATER MAINS REPLACEMENT: THOMAS ROAD TO EARLL DRIVE AND 40TH STREET TO 44TH STREET</b>						
							Function: Water Mains
	Install 8,751 linear feet of water distribution mains in the area bounded by Thomas Road to Earll Drive and 40th Street to 44th Street.						Strategic Plan: Infrastructure
							District: 6
	Construction	-	-	-	1,800,000	-	\$1,800,000
	Design	-	-	180,000	-	-	\$180,000
	Other	-	-	18,000	216,000	-	\$234,000
	<b>Project total</b>	-	-	<b>\$198,000</b>	<b>\$2,016,000</b>	-	<b>\$2,214,000</b>
	Nonprofit Corporation Bonds - Water	-	-	198,000	2,016,000	-	\$2,214,000
	<b>Funding total</b>	-	-	<b>\$198,000</b>	<b>\$2,016,000</b>	-	<b>\$2,214,000</b>
<b>WS85509077</b>	<b>WATER MAINS REPLACEMENT: HARRISON AVENUE TO JEFFERSON STREET AND 7TH STREET TO 12TH STREET</b>						
							Function: Water Mains
	Install 6,901 linear feet of water distribution mains in the area bounded by Harrison Avenue to Jefferson Street and 7th Street to 12th Street.						Strategic Plan: Infrastructure
							District: 8
	Construction	-	-	-	-	1,500,000	\$1,500,000
	Design	-	-	-	150,000	-	\$150,000
	Other	-	-	-	15,000	180,000	\$195,000
	<b>Project total</b>	-	-	-	<b>\$165,000</b>	<b>\$1,680,000</b>	<b>\$1,845,000</b>
	Nonprofit Corporation Bonds - Water	-	-	-	165,000	1,680,000	\$1,845,000
	<b>Funding total</b>	-	-	-	<b>\$165,000</b>	<b>\$1,680,000</b>	<b>\$1,845,000</b>
<b>WS85509078</b>	<b>WATER MAINS REPLACEMENT: KENAI DRIVE TO ANTHEM WAY AND 43RD AVENUE TO 47TH AVENUE</b>						
							Function: Water Mains
	Install 3,487 linear feet of water distribution mains in the area bounded by Kenai Drive to Anthem Way and 43rd Avenue to 47th Avenue.						Strategic Plan: Infrastructure
							District: 1
	Construction	-	-	-	1,000,000	-	\$1,000,000
	Design	-	-	100,000	-	-	\$100,000
	Other	-	-	10,000	120,000	-	\$130,000
	<b>Project total</b>	-	-	<b>\$110,000</b>	<b>\$1,120,000</b>	-	<b>\$1,230,000</b>
	Nonprofit Corporation Bonds - Water	-	-	110,000	1,120,000	-	\$1,230,000
	<b>Funding total</b>	-	-	<b>\$110,000</b>	<b>\$1,120,000</b>	-	<b>\$1,230,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509079</b>	<b>WATER MAINS REPLACEMENT: GRISWOLD ROAD TO BUTLER AVENUE AND 7TH STREET TO 12TH STREET</b>						
							Function: Water Mains
	Install 6,494 linear feet of water distribution mains in the area bounded by Griswold Road to Butler Avenue and 7th Street to 12th Street.						Strategic Plan: Infrastructure
							District: 6
	Construction	-	-	-	1,430,000	-	\$1,430,000
	Design	-	-	140,000	-	-	\$140,000
	Other	-	-	14,000	168,000	-	\$182,000
	<b>Project total</b>	-	-	<b>\$154,000</b>	<b>\$1,598,000</b>	-	<b>\$1,752,000</b>
	Nonprofit Corporation Bonds - Water	-	-	154,000	1,598,000	-	\$1,752,000
	<b>Funding total</b>	-	-	<b>\$154,000</b>	<b>\$1,598,000</b>	-	<b>\$1,752,000</b>
<b>WS85509080</b>	<b>WATER MAINS REPLACEMENT: BETHANY HOME ROAD TO MISSOURI AVENUE AND 11TH AVENUE TO 15TH AVENUE</b>						
							Function: Water Mains
	Install 8,200 linear feet of water distribution mains in the area bounded by Bethany Home Road to Missouri Avenue and 11th Avenue to 15th Avenue.						Strategic Plan: Infrastructure
							District: 4
	Construction	-	-	-	1,600,000	-	\$1,600,000
	Design	-	-	160,000	-	-	\$160,000
	Other	-	-	16,000	192,000	-	\$208,000
	<b>Project total</b>	-	-	<b>\$176,000</b>	<b>\$1,792,000</b>	-	<b>\$1,968,000</b>
	Nonprofit Corporation Bonds - Water	-	-	176,000	1,792,000	-	\$1,968,000
	<b>Funding total</b>	-	-	<b>\$176,000</b>	<b>\$1,792,000</b>	-	<b>\$1,968,000</b>
<b>WS85509099</b>	<b>WATER MAINS REPLACEMENT DISTRIBUTION RELOCATION PROJECTS</b>						
							Function: Water Mains
	Replace or rehabilitate water mains where distribution needs exist due to water quality or recent breaks.						Strategic Plan: Infrastructure
							District: Citywide
	Construction	467,000	167,000	-	-	-	\$634,000
	<b>Project total</b>	<b>\$467,000</b>	<b>\$167,000</b>	-	-	-	<b>\$634,000</b>
	Nonprofit Corporation Bonds - Water	467,000	167,000	-	-	-	\$634,000
	<b>Funding total</b>	<b>\$467,000</b>	<b>\$167,000</b>	-	-	-	<b>\$634,000</b>
<b>WS85509100</b>	<b>DISTRIBUTION SYSTEM OPTIMIZATION</b>						
							Function: Water Mains
	Construct water main projects to optimize distribution system.						Strategic Plan: Infrastructure
							District: Citywide
	Construction	482,110	381,698	591,113	623,610	600,000	\$2,678,531
	Design	60,000	60,000	60,000	60,000	60,000	\$300,000
	<b>Project total</b>	<b>\$542,110</b>	<b>\$441,698</b>	<b>\$651,113</b>	<b>\$683,610</b>	<b>\$660,000</b>	<b>\$2,978,531</b>
	Water	542,110	441,698	651,113	683,610	660,000	\$2,978,531
	<b>Funding total</b>	<b>\$542,110</b>	<b>\$441,698</b>	<b>\$651,113</b>	<b>\$683,610</b>	<b>\$660,000</b>	<b>\$2,978,531</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85509999</b>	<b>WATER MAIN REPLACEMENT PROGRAM</b>						
Construct water main replacement including new mains, fire hydrants, water taps and on-site plumbing done on an emergency basis through the Water Main Replacement Program.						<b>Function: Water Mains</b>	
						<b>Strategic Plan: Infrastructure</b>	
						<b>District: Citywide</b>	
Construction		-	-	-	-	13,206,085	\$13,206,085
Other		1,655,208	1,655,208	1,655,208	1,655,208	1,655,208	\$8,276,040
	<b>Project total</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$14,861,293</b>	<b>\$21,482,125</b>
Water		1,655,208	1,655,208	1,655,208	1,655,208	14,861,293	\$21,482,125
	<b>Funding total</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$1,655,208</b>	<b>\$14,861,293</b>	<b>\$21,482,125</b>
<b>WS85660003</b>	<b>CUSTOMER INFORMATION SYSTEM UPGRADE</b>						
Upgrade the Customer Information System billing system.						<b>Function: Automation</b>	
						<b>Strategic Plan: Innovation and Efficiency</b>	
						<b>District: Citywide</b>	
Design		2,600,000	-	-	-	500,000	\$3,100,000
Equipment		-	-	-	-	50,000	\$50,000
	<b>Project total</b>	<b>\$2,600,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$550,000</b>	<b>\$3,150,000</b>
Nonprofit Corporation Bonds - Water		2,600,000	-	-	-	550,000	\$3,150,000
	<b>Funding total</b>	<b>\$2,600,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$550,000</b>	<b>\$3,150,000</b>
<b>WS85660037</b>	<b>WORK ORDER AND ASSET MANAGEMENT</b>						
Install and configure a computer maintenance management system to document assets and track the associated maintenance activities.						<b>Function: Automation</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Design		2,772,000	-	321,623	-	-	\$3,093,623
	<b>Project total</b>	<b>\$2,772,000</b>	<b>-</b>	<b>\$321,623</b>	<b>-</b>	<b>-</b>	<b>\$3,093,623</b>
Nonprofit Corporation Bonds - Water		2,772,000	-	321,623	-	-	\$3,093,623
	<b>Funding total</b>	<b>\$2,772,000</b>	<b>-</b>	<b>\$321,623</b>	<b>-</b>	<b>-</b>	<b>\$3,093,623</b>
<b>WS85660041</b>	<b>CUSTOMER CARE AND BILLING SYSTEM UPGRADE</b>						
Upgrade the city's utility billing system to optimize business processes.						<b>Function: Automation</b>	
						<b>Strategic Plan: Technology</b>	
						<b>District: Citywide</b>	
Design		-	-	2,441,168	5,000,000	-	\$7,441,168
Equipment		-	-	350,495	-	-	\$350,495
Other		-	-	2,102,527	-	-	\$2,102,527
Study		-	-	105,810	-	-	\$105,810
	<b>Project total</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>-</b>	<b>\$10,000,000</b>
Solid Waste		-	-	1,550,000	1,550,000	-	\$3,100,000
Wastewater		-	-	1,650,000	1,650,000	-	\$3,300,000
Water		-	-	1,800,000	1,800,000	-	\$3,600,000
	<b>Funding total</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>-</b>	<b>\$10,000,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>WS85700060</b>	<b>REMOTE TELEMETRY UPGRADE</b>						
Upgrade the Water Services Remote Telemetry and Control System.							
Design		3,429,400	-	-	-	-	\$3,429,400
Other		300,000	-	-	-	-	\$300,000
<b>Project total</b>		<b>\$3,729,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,729,400</b>
Water		3,729,400	-	-	-	-	\$3,729,400
<b>Funding total</b>		<b>\$3,729,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$3,729,400</b>
<b>WS85710001</b>	<b>WATER RESILIENCY PROGRAM</b>						
Program to ensure adequate water supplies to our customers during times of shortage or drought.							
Construction		5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	\$25,000,000
<b>Project total</b>		<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$25,000,000</b>
Nonprofit Corporation Bonds - Water		5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	\$25,000,000
<b>Funding total</b>		<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$25,000,000</b>
<b>WS85710002</b>	<b>AQUIFER STORAGE</b>						
Store excess water resources within the underground aquifers.							
Design		8,400,000	8,800,000	9,200,000	9,600,000	10,200,000	\$46,200,000
<b>Project total</b>		<b>\$8,400,000</b>	<b>\$8,800,000</b>	<b>\$9,200,000</b>	<b>\$9,600,000</b>	<b>\$10,200,000</b>	<b>\$46,200,000</b>
Nonprofit Corporation Bonds - Water		8,400,000	8,800,000	9,200,000	9,600,000	10,200,000	\$46,200,000
<b>Funding total</b>		<b>\$8,400,000</b>	<b>\$8,800,000</b>	<b>\$9,200,000</b>	<b>\$9,600,000</b>	<b>\$10,200,000</b>	<b>\$46,200,000</b>
<b>WS85800007</b>	<b>REAL-TIME WATER QUALITY MONITORING</b>						
Study and implement real-time monitoring upgrades to monitor water quality in canals and the distribution system.							
Design		125,000	125,000	125,000	-	-	\$375,000
Equipment		50,000	50,000	50,000	-	-	\$150,000
Other		55,000	55,000	55,000	-	-	\$165,000
Study		50,000	50,000	50,000	-	-	\$150,000
<b>Project total</b>		<b>\$280,000</b>	<b>\$280,000</b>	<b>\$280,000</b>	<b>-</b>	<b>-</b>	<b>\$840,000</b>
Water		280,000	280,000	280,000	-	-	\$840,000
<b>Funding total</b>		<b>\$280,000</b>	<b>\$280,000</b>	<b>\$280,000</b>	<b>-</b>	<b>-</b>	<b>\$840,000</b>

**City of Phoenix, Arizona**  
**2019-2024 Preliminary Capital Improvement Program**  
**Water**

Project No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24	Total
<b>BIWAT20120</b>	<b>DEBT ISSUANCE COSTS – WATER BONDS</b>						
Debt issuance costs for Water bonds.							
						Function: Debt Service	
						Strategic Plan: Financial Excellence	
						District: Citywide	
Other		500,000	-	-	-	-	\$500,000
	<b>Project total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Nonprofit Corporation Bonds - Water		500,000	-	-	-	-	\$500,000
	<b>Funding total</b>	<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>AR84850013</b>	<b>WATER PUBLIC ART PLAN – PERCENT FOR ART</b>						
Develop a master plan for water-related public art projects citywide.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Construction		1,261,317	-	-	-	-	\$1,261,317
	<b>Project total</b>	<b>\$1,261,317</b>	-	-	-	-	<b>\$1,261,317</b>
Nonprofit Corporation Bonds - Wastewater		1,261,317	-	-	-	-	\$1,261,317
	<b>Funding total</b>	<b>\$1,261,317</b>	-	-	-	-	<b>\$1,261,317</b>
<b>Program total</b>		<b>\$362,728,075</b>	<b>\$516,473,654</b>	<b>\$246,547,597</b>	<b>\$271,424,565</b>	<b>\$284,168,167</b>	<b>\$1,681,342,058</b>