

The Phoenix Capital Improvement Program 2016-21



City of Phoenix



City of Phoenix

2016-21 Capital Improvement Program

Mayor and City Council

Greg Stanton
Mayor

Kate Gallego
Vice Mayor
District 8

Thelda Williams
District 1

Jim Waring
District 2

Debra Stark
District 3

Laura Pastor
District 4

Daniel Valenzuela
District 5

Sal DiCiccio
District 6

Michael Nowakowski
District 7

Mayor's Office

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Co-Chief of Staff

Seth Scott
Co-Chief of Staff

Tracee Crockett
Deputy Chief of Staff

City Council Office

Penny Parrella
Executive Assistant to
City Council

Management Staff

Ed Zuercher
City Manager

Milton Dohoney
Assistant City Manager

Mario Paniagua
Deputy City Manager

Karen Peters
Deputy City Manager

Paul Blue
Deputy City Manager

Deanna Jonovich
Deputy City Manager

Toni Maccarone
Special Assistant to the City Manager

Tom Remes
Government Relations Director

Department Heads

Jeff Barton
Budget and Research Director

James Bennett
Director of Aviation Services

John Chan
Phoenix Convention Center Director

Debbie Cotton
Chief Information Officer

Ray Dovalina
Street Transportation Director

Inger Erickson
Parks and Recreation
Director

Moises Gallegos
Human Services Director

Bill Greene
City Auditor

Chris Hallett
Neighborhood Services Director

Rita Hamilton
City Librarian

Brad Holm
City Attorney

Maria Hyatt
Public Transit Director

Blair Johnson
Human Resources Director

Kara Kalkbrenner
Fire Chief

Donald Logan
Equal Opportunity Director

Christine Mackay
Community and Economic Development
Director

Cris Meyer
City Clerk

Denise Olson
Chief Financial Officer

Kathryn Sorensen
Water Services Director

Alan J. Stephenson
Planning and Development
Director

Cindy Stotler
Housing Director

John Trujillo
Public Works Director

Julie Watters
Communications Director

Joe Yahner
Police Chief

Chief Presiding Judge

B. Don Taylor III

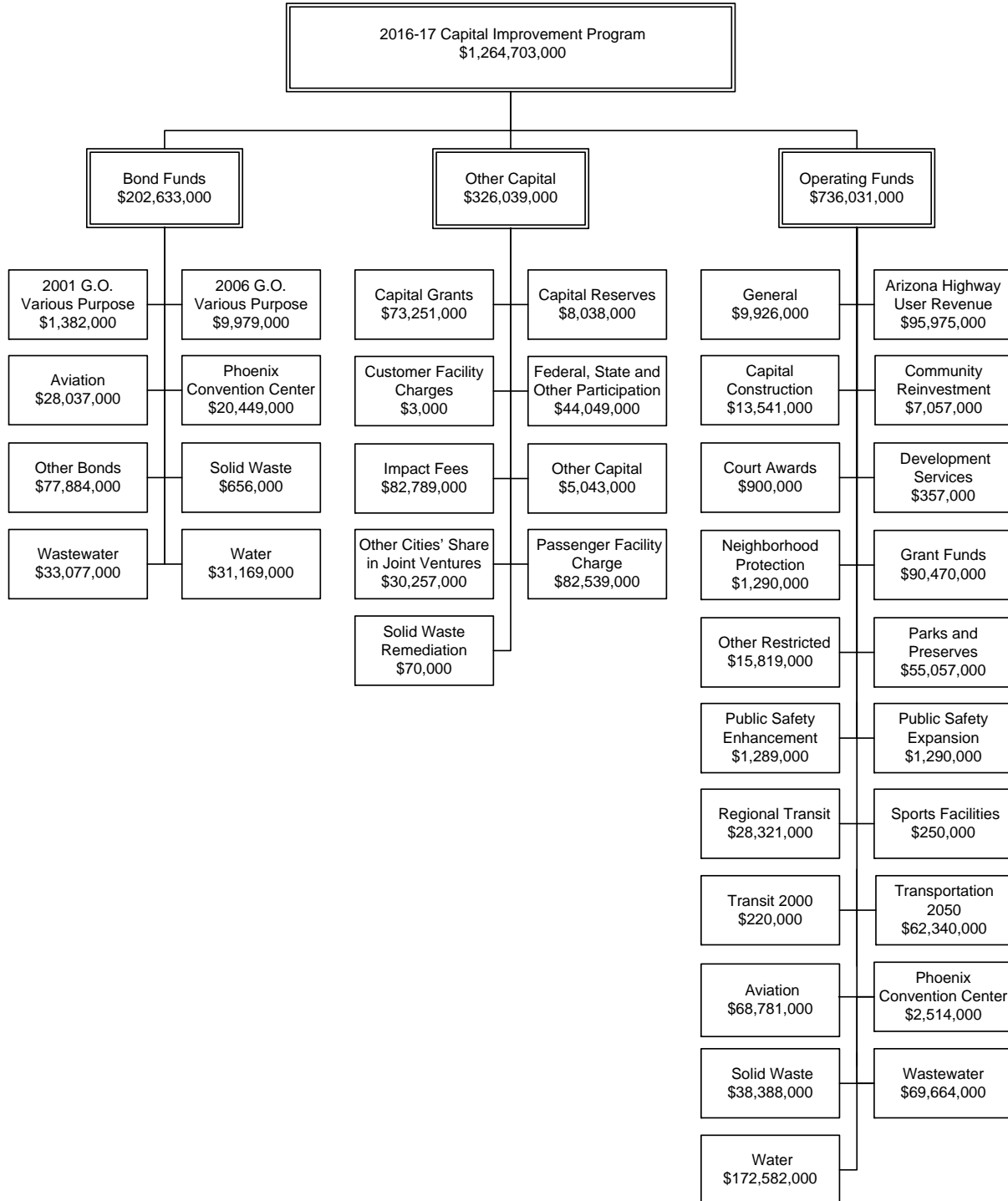
Adoption of the 2016-21 Capital
Improvement Program by the
City Council
June 1, 2016

Adoption of the 2016-21 Capital
Funds Budget
By the City Council
June 15, 2016



City of Phoenix

2016-17 Capital Improvement Program Organization Chart





City of Phoenix

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City of Phoenix

BUDGET DOCUMENT OVERVIEW

This overview outlines the 2016-17 Annual Budget. This budget document can be accessed at phoenix.gov/budget, or copies of the document are available by contacting the city of Phoenix Budget and Research Department at 602-262-4800, TTY: use 7-1-1. To request this in alternate formats (large print, braille, audio cassette or compact disc), please contact the Budget and Research Department.

[2016-17 Summary Budget Document](#)

The summary budget contains a narrative description of Phoenix programs and services planned for the fiscal year 2016-17. Also included is a narrative description of all revenue sources and a description of major financial policies.

[2016-17 Detail Budget Document](#)

The detail budget presents extensive statistical data (including multiyear comparisons) for each city department and fund. The statistical data includes staffing allocations and a detailed reporting of planned expenditures.

[2016-21 Capital Improvement Program](#)

Finally, the 2016-21 Capital Improvement Program provides Phoenix's planned construction program by project and detailed sources of funds.

Glossaries

Definitions of the terms used throughout the budget documents are presented in the glossaries in the Detail Budget and the Capital Improvement Program documents.

If you need further clarification of a concept or term used in the documents, please [contact the Budget and Research Department at 602-262-4800](#).



City of Phoenix

Schedules



City of Phoenix

2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 1
 SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
 BY PROGRAM
 (In Thousands of Dollars)

Program	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Arts and Cultural Facilities	\$ 1,118	\$ -	\$ -	\$ -	\$ 375	\$ 1,493
Aviation	223,029	70,331	36,690	42,333	8,286	380,669
Economic Development	11,331	5,304	4,600	3,700	21,451	46,386
Energy Conservation	1,200	1,200	1,200	1,200	1,200	6,000
Facilities Management	11,414	1,040	1,000	1,000	7,721	22,175
Finance	670	-	-	-	-	670
Fire Protection	14,804	-	-	-	16,058	30,862
Historic Preservation	1,178	-	-	-	1,453	2,631
Housing	22,285	6,392	6,662	6,461	7,682	49,482
Human Services	600	30	-	-	12,632	13,262
Information Technology	57,947	15,712	7,144	5,600	9,640	96,043
Libraries	629	200	200	6,996	6,759	14,784
Neighborhood Services	3,466	-	-	-	6,898	10,364
Parks, Recreation and Mountain Preserves	80,005	27,214	7,000	7,000	27,878	149,097
Phoenix Convention Center	23,213	6,348	7,362	6,878	9,203	53,004
Police Protection	965	-	-	-	22,755	23,720
Public Transit	156,367	38,781	66,427	36,835	55,768	354,178
Regional Wireless Cooperative	8,562	13,874	10,932	10,932	6,000	50,300
Solid Waste Disposal	30,145	7,417	18,905	22,625	3,830	82,922
Street Transportation and Drainage	232,918	143,576	119,358	118,554	161,281	775,687
Wastewater	150,715	104,341	85,520	115,645	58,374	514,595
Water	232,142	139,565	156,593	156,658	152,437	837,395
TOTAL	\$ 1,264,703	\$ 581,325	\$ 529,593	\$ 542,417	\$ 597,681	\$ 3,515,719

2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 2
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
BY SOURCE OF FUNDS
(In Thousands of Dollars)

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Operating Funds						
General Fund						
General Fund	\$ 9,726	\$ 5,914	\$ 7,208	\$ 7,524	\$ 6,329	\$ 36,701
General Fund - Library	200	200	200	200	200	1,000
Special Revenue Funds						
Neighborhood Protection - Fire	1,290	-	-	-	-	1,290
Public Safety Enhancement - Fire	1,289	-	-	-	-	1,289
Public Safety Expansion - Fire	1,290	-	-	-	-	1,290
Parks and Preserves	55,057	27,150	7,000	7,000	8,850	105,057
Transit 2000	220	55	25	-	-	300
Transportation 2050	62,340	36,439	37,159	37,064	62,402	235,404
Court Awards	900	-	-	-	-	900
Development Services	357	190	116	46	46	755
Capital Construction	13,541	11,237	9,351	9,274	9,074	52,477
Sports Facilities	250	-	-	-	-	250
Arizona Highway User Revenue	95,975	74,791	63,733	65,020	60,785	360,304
Regional Transit	28,321	3,991	9,758	4,092	4,003	50,165
Community Reinvestment	7,057	3,504	3,500	2,000	2,799	18,860
Other Restricted	15,819	2,157	1,350	1,950	1,950	23,226
Operating Grants	90,470	26,874	49,815	27,298	27,015	221,472
Enterprise Funds						
Aviation	68,781	27,648	35,960	23,253	5,269	160,911
Water	172,582	106,895	118,737	109,579	98,613	606,406
Wastewater	69,664	43,008	58,641	37,403	49,128	257,844
Solid Waste	38,388	4,238	6,034	5,452	4,132	58,244
Convention Center	2,514	4,908	6,084	4,804	8,325	26,635
Total Operating Funds	\$ 736,031	\$ 379,199	\$ 414,671	\$ 341,959	\$ 348,920	\$ 2,220,780
Bond Funds						
General Obligation Bonds						
1988 General Obligation	\$ -	\$ -	\$ -	\$ -	\$ 2,221	\$ 2,221
2001 General Obligation	1,382	-	-	-	16,385	17,767
2006 General Obligation	9,979	-	-	-	120,454	130,433
Nonprofit Corporation Bonds						
Aviation	28,037	-	-	-	-	28,037
Water	31,169	28,456	31,413	31,747	53,365	176,150
Wastewater	33,077	41,576	13,253	45,082	3,674	136,662
Solid Waste	656	100	-	-	-	756
Convention Center	20,449	-	-	-	-	20,449
Other	77,884	10,114	10,084	18,100	-	116,182
Total Bond Funds	\$ 202,633	\$ 80,246	\$ 54,750	\$ 94,929	\$ 196,099	\$ 628,657
Other Capital Funds						
Impact Fees	\$ 82,789	\$ 6,561	\$ 4,614	\$ 15,421	\$ 5,207	\$ 114,592
Passenger Facility Charge	82,539	11,057	500	500	500	95,096
Customer Facility Charges	3	-	-	-	-	3
Other Cities' Share in Joint Ventures	30,257	32,875	27,523	51,553	10,524	152,732
Solid Waste Remediation	70	1,225	270	475	-	2,040
Capital Grants	73,251	34,458	2,941	21,169	5,107	136,926
Federal, State and Other Participation	44,049	32,652	19,924	16,211	31,124	143,960
Capital Reserves	8,038	3,052	4,400	200	200	15,890
Other Capital	5,043	-	-	-	-	5,043
Total Other Capital Funds	\$ 326,039	\$ 121,880	\$ 60,172	\$ 105,529	\$ 52,662	\$ 666,282
TOTAL	\$ 1,264,703	\$ 581,325	\$ 529,593	\$ 542,417	\$ 597,681	\$ 3,515,719

2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 3
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
FINANCED FROM OPERATING FUNDS
(In Thousands of Dollars)

Program	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Arts and Cultural Facilities	\$ 44	\$ -	\$ -	\$ -	\$ -	44
Aviation	67,467	27,258	35,691	23,105	5,121	158,642
Economic Development	11,331	5,304	4,599	3,700	4,500	29,434
Energy Conservation	1,200	1,200	1,200	1,200	1,200	6,000
Facilities Management	8,179	1,040	1,000	1,000	1,000	12,219
Finance	369	-	-	-	-	369
Fire Protection	14,337	-	-	-	-	14,337
Housing	13,978	3,950	4,220	4,020	4,020	30,188
Human Services	-	30	-	-	-	30
Information Technology	9,263	5,598	6,060	4,500	4,501	29,922
Libraries	200	200	200	200	200	1,000
Neighborhood Services	1,194	-	-	-	-	1,194
Parks, Recreation and Mountain Preserves	59,950	27,214	7,000	7,000	8,850	110,014
Phoenix Convention Center	2,764	6,348	7,362	6,878	9,203	32,555
Police Protection	900	-	-	-	-	900
Public Transit	136,524	38,781	66,427	36,835	55,680	334,247
Solid Waste Disposal	28,944	3,165	5,335	5,150	3,830	46,424
Street Transportation and Drainage	138,112	110,799	99,335	102,143	103,828	554,217
Wastewater	66,911	42,512	58,240	37,002	48,727	253,392
Water	174,364	105,800	118,002	109,226	98,260	605,652
Total Operating Funds	\$ 736,031	\$ 379,199	\$ 414,671	\$ 341,959	\$ 348,920	\$ 2,220,780

Source of Funds

General Fund

General	\$ 9,726	\$ 5,914	\$ 7,208	\$ 7,524	\$ 6,329	\$ 36,701
Library	200	200	200	200	200	1,000

Special Revenue Funds

Neighborhood Protection - Fire	1,290	-	-	-	-	1,290
Public Safety Enhancement - Fire	1,289	-	-	-	-	1,289
Public Safety Expansion - Fire	1,290	-	-	-	-	1,290
Parks and Preserves	55,057	27,150	7,000	7,000	8,850	105,057
Transit 2000	220	55	25	-	-	300
Transportation 2050	62,340	36,439	37,159	37,064	62,402	235,404
Court Awards	900	-	-	-	-	900
Development Services	357	190	116	46	46	755
Capital Construction	13,541	11,237	9,351	9,274	9,074	52,477
Sports Facilities	250	-	-	-	-	250
Arizona Highway User Revenue	95,975	74,791	63,733	65,020	60,785	360,304
Regional Transit	28,321	3,991	9,758	4,092	4,003	50,165
Community Reinvestment	7,057	3,504	3,500	2,000	2,799	18,860
Other Restricted	15,819	2,157	1,350	1,950	1,950	23,226
Operating Grants	90,470	26,874	49,815	27,298	27,015	221,472

Enterprise Funds

Aviation	68,781	27,648	35,960	23,253	5,269	160,911
Water	172,582	106,895	118,737	109,579	98,613	606,406
Wastewater	69,664	43,008	58,641	37,403	49,128	257,844
Solid Waste	38,388	4,238	6,034	5,452	4,132	58,244
Convention Center	2,514	4,908	6,084	4,804	8,325	26,635

Total Operating Funds	\$ 736,031	\$ 379,199	\$ 414,671	\$ 341,959	\$ 348,920	\$ 2,220,780
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2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 4
 SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
 FINANCED FROM BOND FUNDS
 (In Thousands of Dollars)

Program	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Arts and Cultural Facilities	\$ 1,074	\$ -	\$ -	\$ -	\$ 376	\$ 1,450
Aviation	28,037	-	-	-	-	28,037
Economic Development	-	-	-	-	16,952	16,952
Facilities Management	150	-	-	-	6,721	6,871
Fire Protection	467	-	-	-	13,906	14,373
Historic Preservation	1,178	-	-	-	1,453	2,631
Housing	2	-	-	-	1,221	1,223
Human Services	600	-	-	-	12,632	13,232
Information Technology	47,884	10,114	1,084	1,100	5,139	65,321
Libraries	429	-	-	-	5,668	6,097
Neighborhood Services	2,272	-	-	-	6,899	9,171
Parks, Recreation and Mountain Preserves	3,309	-	-	-	19,027	22,336
Phoenix Convention Center	20,449	-	-	-	-	20,449
Police Protection	65	-	-	-	22,755	22,820
Public Transit	-	-	-	-	88	88
Solid Waste Disposal	631	75	9,000	17,000	-	26,706
Street Transportation and Drainage	32,103	25	-	-	26,128	58,256
Wastewater	32,822	41,576	13,253	45,082	3,720	136,453
Water	31,161	28,456	31,413	31,747	53,414	176,191
Total Bond Funds	\$ 202,633	\$ 80,246	\$ 54,750	\$ 94,929	\$ 196,099	\$ 628,657

Source of Funds

General Obligation Bonds

1988 General Obligation	\$ -	\$ -	\$ -	\$ -	\$ 2,221	\$ 2,221
2001 General Obligation	1,382	-	-	-	16,385	17,767
2006 General Obligation	9,979	-	-	-	120,454	130,433

Nonprofit Corporation Bonds

Aviation	28,037	-	-	-	-	28,037
Water	31,169	28,456	31,413	31,747	53,365	176,150
Wastewater	33,077	41,576	13,253	45,082	3,674	136,662
Solid Waste	656	100	-	-	-	756
Phoenix Convention Center	20,449	-	-	-	-	20,449
Other	77,884	10,114	10,084	18,100	-	116,182

Total Bond Funds	\$ 202,633	\$ 80,246	\$ 54,750	\$ 94,929	\$ 196,099	\$ 628,657
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2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 5
 SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
 FINANCED FROM OTHER CAPITAL FUNDS
 (In Thousands of Dollars)

Program	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Aviation	\$ 127,525	\$ 43,072	\$ 999	\$ 19,228	\$ 3,166	\$ 193,990
Facilities Management	3,085	-	-	-	-	3,085
Finance	301	-	-	-	-	301
Fire Protection	-	-	-	-	2,151	2,151
Housing	8,305	2,441	2,442	2,442	2,441	18,071
Information Technology	800	-	-	-	-	800
Libraries	-	-	-	6,796	891	7,687
Parks, Recreation and Mountain Preserves	16,746	-	-	-	-	16,746
Public Transit	19,843	-	-	-	-	19,843
Regional Wireless Cooperative	8,562	13,874	10,932	10,932	6,000	50,300
Solid Waste Disposal	570	4,177	4,570	475	-	9,792
Street Transportation and Drainage	62,703	32,753	20,024	16,411	31,323	163,214
Wastewater	50,982	20,254	14,027	33,560	5,928	124,751
Water	26,617	5,309	7,178	15,685	762	55,551
Total Other Capital Funds	\$ 326,039	\$ 121,880	\$ 60,172	\$ 105,529	\$ 52,662	\$ 666,282

Source of Funds

Impact Fees	\$ 82,789	\$ 6,561	\$ 4,614	\$ 15,421	\$ 5,207	\$ 114,592
Passenger Facility Charge	82,539	11,057	500	500	500	95,096
Customer Facility Charges	3	-	-	-	-	3
Other Cities' Share in Joint Ventures	30,257	32,875	27,523	51,553	10,524	152,732
Solid Waste Remediation	70	1,225	270	475	-	2,040
Capital Grants	73,251	34,458	2,941	21,169	5,107	136,926
Federal, State and Other Participation	44,049	32,652	19,924	16,211	31,124	143,960
Capital Reserves	8,038	3,052	4,400	200	200	15,890
Other Capital	5,043	-	-	-	-	5,043
Total Other Capital Funds	\$ 326,039	\$ 121,880	\$ 60,172	\$ 105,529	\$ 52,662	\$ 666,282

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Northern Areas: Deer Valley, Desert View and North Gateway</u>						
<u>Fire Protection</u>						
FD57100021 FIRE STATION 55 ALONG I-17 FREEWAY						
Design, construct and equip Fire Station 55 along I-17 near the borders of Deer Valley and North Gateway villages.	-	-	-	-	\$ 1,849,390	\$ 1,849,390
AREA PROGRAM TOTAL	-	-	-	-	\$ 1,849,390	\$ 1,849,390
<u>Libraries</u>						
LS71200050 NORTH GATEWAY BRANCH LIBRARY						
Design and construct a new library branch in the North Gateway area. Partial funding identified.	-	-	-	-	\$ 647,120	\$ 647,120
LS71200086 DESERT BROOM LIBRARY EXPANSION						
Design and construct a 15,000 square-foot expansion of Desert Broom Library.	-	-	-	\$ 1,861,967	-	\$ 1,861,967
AREA PROGRAM TOTAL	-	-	-	\$ 1,861,967	\$ 647,120	\$ 2,509,087
<u>Parks, Recreation and Mountain Preserves</u>						
PA75150008 NEW TRAILS						
Construct new trails citywide.	\$ 181,500	-	-	-	-	\$ 181,500
PA75200460 NORTH DESERT VIEW PARKS						
Construct large growth-related park infrastructure in the North Desert View impact fee area.	\$ 2,812,136	-	-	-	-	\$ 2,812,136
PA75200462 NORTH GATEWAY PARKS						
Construct large growth-related park infrastructure in the North Gateway impact fee area.	\$ 2,946,122	-	-	-	-	\$ 2,946,122
AREA PROGRAM TOTAL	\$ 5,939,758	-	-	-	-	\$ 5,939,758
<u>Street Transportation and Drainage</u>						
ST85100270 IMPACT FEE PROJECTS						
Complete major street projects in impact fee areas.	\$ 6,984,191	-	-	-	-	\$ 6,984,191
AREA PROGRAM TOTAL	\$ 6,984,191	-	-	-	-	\$ 6,984,191

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Wastewater</u>						
WS90500175 WASTEWATER IMPACT FEE CONTINGENCY						
Provide available funding for programming various impact fee areas as projects are identified.	\$ 461,995	-	-	-	-	\$ 461,995
WS90500235 NORTHERN WASTEWATER DESERT VIEW INFRASTRUCTURE						
Construct large growth-related wastewater infrastructure in the Desert View impact fee area.	\$ 5,272,464	-	-	-	-	\$ 5,272,464
WS90500236 NORTHERN WASTEWATER NORTH GATEWAY INFRASTRUCTURE						
Construct large growth-related wastewater infrastructure in the North Gateway impact fee area.	\$ 6,081,656	-	-	-	-	\$ 6,081,656
WS90500277 36-INCH GRAVITY SEWER NORTH OF 101 FREEWAY FROM 56TH STREET TO 64TH STREET						
Design and construct a 36-inch gravity sewer, north of the 101 Freeway from 56th Street to 64th Street.	\$ 275,000	\$ 2,670,000	-	-	-	\$ 2,945,000
WS90500278 21-INCH GRAVITY SEWER ALONG 64TH STREET FROM DEER VALLEY DRIVE TO LEGACY BOULEVARD						
Design and construct a 21-inch gravity sewer along 64th Street from Deer Valley Drive to Legacy Boulevard.	-	-	-	-	\$ 65,000	\$ 65,000
WS90500279 15-INCH GRAVITY SEWER ALONG 64TH STREET FROM DEER VALLEY DRIVE TO WILLIAMS DRIVE						
Design and construct a 15-inch gravity sewer along 64th Street from Deer Valley Drive to Williams Drive.	-	-	-	-	\$ 70,000	\$ 70,000
WS90500280 24-INCH GRAVITY SEWER ALONG PINNACLE PEAK ROAD FROM CAVE CREEK ROAD TO 36TH STREET ALIGNMENT						
Design a 24-inch gravity sewer along Pinnacle Peak Road from Cave Creek Road to 36th Street alignment.	-	-	-	-	\$ 190,000	\$ 190,000
WS90500281 18-INCH GRAVITY SEWER ALONG PINNACLE PEAK ROAD FROM 26TH STREET ALIGNMENT TO TATUM BOULEVARD						
Design a 18-inch gravity sewer along Pinnacle Peak Road from 36th Street alignment to Tatum Boulevard.	-	-	-	-	\$ 260,000	\$ 260,000
AREA PROGRAM TOTAL	\$ 12,091,115	\$ 2,670,000	-	-	\$ 585,000	\$ 15,346,115

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Water</u>						
WS85500350 NORTHERN WATER DESERT VIEW IMPACT FEE INFRASTRUCTURE						
Construct large, growth-related water infrastructure in the Desert View development impact fee area.	\$ 4,197,983	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,197,983
WS85500410 WATER MAIN: 24-INCH ZONE 6A						
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
WS85500413 WATER MAIN: 16-INCH ZONE 5E						
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
WS85500414 WATER MAIN: 24-INCH ZONE 6A						
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
WS85500419 WATER MAIN: 16-INCH ZONE 6B						
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
WS85500420 WATER MAIN: 16-INCH ZONE 6A						
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
AREA PROGRAM TOTAL	\$ 4,863,983	\$ 3,891,000	\$ 4,324,000	\$ 4,188,000	\$ 500,000	\$ 17,766,983
IMPACT FEE AREA TOTAL	\$ 29,879,047	\$ 6,561,000	\$ 4,324,000	\$ 6,049,967	\$ 3,581,510	\$ 50,395,524

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Southern Areas: Ahwatukee, Estrella and Laveen</u>						
<u>Fire Protection</u>						
FD57100020 FIRE STATION 74 IN WEST AHWATUKEE FOOTHILLS						
Design, construct and equip Fire Station 74 in West Ahwatukee Foothills.	-	-	-	-	\$ 301,400	\$ 301,400
AREA PROGRAM TOTAL	-	-	-	-	\$ 301,400	\$ 301,400
<u>Libraries</u>						
LS71200043 ESTRELLA LIBRARY						
Design and construct a new library branch in the Estrella area. Partial funding identified.	-	-	-	\$ 4,933,966	-	\$ 4,933,966
LS71200054 WEST AHWATUKEE BRANCH LIBRARY						
Design and construct a new library branch in the West Ahwatukee area. Partial funding identified.	-	-	-	-	\$ 244,250	\$ 244,250
AREA PROGRAM TOTAL	-	-	-	\$ 4,933,966	\$ 244,250	\$ 5,178,216
<u>Parks, Recreation and Mountain Preserves</u>						
PA75200459 SOUTHWEST PARKS						
Construct large growth-related park infrastructure in Southwest impact fee areas.	\$ 5,599,763	-	-	-	-	\$ 5,599,763
PA75200461 SOUTH AHWATUKEE PARKS						
Construct large growth-related park infrastructure in the Ahwatukee impact fee area.	\$ 1,248,917	-	-	-	-	\$ 1,248,917
AREA PROGRAM TOTAL	\$ 6,848,680	-	-	-	-	\$ 6,848,680
<u>Street Transportation and Drainage</u>						
ST83120047 DETENTION BASIN AT 27TH AVENUE AND SOUTH MOUNTAIN.						
Design and construct a detention basin at 27th Avenue and South Mountain.	\$ 104,434	-	-	-	-	\$ 104,434
ST83160002 STORM DRAIN FACILITIES IMPACT FEE CONTINGENCY						
Provide available funding for storm drainage in impact fee areas as projects are identified.	\$ 6,385,882	-	-	-	-	\$ 6,385,882
ST85100270 IMPACT FEE PROJECTS						
Complete major street projects in impact fee areas.	\$ 743,412	-	-	-	-	\$ 743,412
AREA PROGRAM TOTAL	\$ 7,233,728	-	-	-	-	\$ 7,233,728

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Wastewater</u>						
WS90400028 LIFT STATION 43 EXPANSION						
Design and construct improvements to the electrical and mechanical systems to improve capacity and prolong asset life for the 75th Avenue and Southern lift station.	\$ 2,251,700	-	-	-	-	\$ 2,251,700
WS90400072 LIFT STATION 75 DESIGN AND CONTRACT						
Design and construct Lift Station 75 located at 107th Avenue and Roeser Road.	\$ 3,241,000	-	-	-	-	\$ 3,241,000
WS90400073 LIFT STATION 61 EXPANSION						
Lift station 61 expansion and permanent 16 inch back up force main.	-	-	-	-	\$ 350,000	\$ 350,000
WS90500175 WASTEWATER IMPACT FEE CONTINGENCY						
Provide available funding for programming various impact fee areas as projects are identified.	\$ 9,514,620	-	-	-	-	\$ 9,514,620
WS90500237 SOUTHERN WASTEWATER LAVEEN WEST INFRASTRUCTURE						
Construct large growth-related wastewater infrastructure in the Laveen West impact fee area.	\$ 3,827,479	-	-	\$ 3,181,825	-	\$ 7,009,304
WS90500282 15-INCH GRAVITY SEWER ALONG 51ST AVENUE FROM DOBBINS ROAD TO CARVER ROAD						
Design a 15-inch gravity sewer along 51st Avenue from Dobbins Road to Carver Road.	-	-	-	-	\$ 250,000	\$ 250,000
WS90500283 18-INCH GRAVITY SEWER 75TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
Design a 18-inch gravity sewer along 75th Avenue from Lower Buckeye Road to Broadway Road.	-	-	-	-	\$ 160,000	\$ 160,000
WS90500284 18-INCH GRAVITY SEWER 67TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
Design a 18-inch gravity sewer along 67th Avenue from Lower Buckeye Road to Broadway Road.	-	-	-	-	\$ 160,000	\$ 160,000
WS90500285 18-INCH GRAVITY SEWER 59TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
Design a 18-inch gravity sewer along 59th Avenue from Lower Buckeye Road to Broadway Road.	-	-	-	-	\$ 160,000	\$ 160,000
WS90500286 24-INCH GRAVITY SEWER 59TH AVENUE FROM BASELINE ROAD TO DOBBINS ROAD						
Design and construct a 24-inch gravity sewer along 59th Avenue from Baseline Road to Dobbins Road.	-	-	\$ 290,000	\$ 1,255,000	-	\$ 1,545,000
AREA PROGRAM TOTAL	\$ 18,834,799	-	\$ 290,000	\$ 4,436,825	\$ 1,080,000	\$ 24,641,624

2016-2021 CAPITAL IMPROVEMENT PROGRAM
SCHEDULE 6
SUMMARY OF 2016-21 CAPITAL IMPROVEMENT PROGRAM
DEVELOPMENT IMPACT FEES FUNDED PROJECTS

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Water</u>						
WS85500353 SOUTHERN WATER IMPACT FEE INFRASTRUCTURE						
Construct large, growth-related water infrastructure in the Southern development impact area.	\$ 19,992,969	-	-	-	-	\$ 19,992,969
AREA PROGRAM TOTAL	\$ 19,992,969	-	-	-	-	\$ 19,992,969
IMPACT FEE AREA TOTAL	\$ 52,910,176	-	\$ 290,000	\$ 9,370,791	\$ 1,625,650	\$ 64,196,617

2016-2021 CAPITAL IMPROVEMENT PROGRAM

SCHEDULE 7
 RESOURCES AND EXPENDITURES BY CAPITAL FUND
 2016-17 CAPITAL IMPROVEMENT PROGRAM
 (In Thousands of Dollars)

Capital Fund	RESOURCES			EXPENDITURES	FUND BALANCES		
	Beginning Balance	Projected Revenue ¹	Total	Estimated Expenditures	Ending Fund Balance	Projected Resources Beyond 16/17 ²	Funds Available Beyond 16/17
BONDS AND RELATED FUNDS							
2006 Bonds							
Libraries, Senior & Cultural Centers	\$ (2,716)	\$ -	\$ (2,716)	\$ 1,030	\$ (3,746)	\$ 27,190	\$ 23,444
Education	(4,556)	-	(4,556)	8	(4,564)	8,090	3,526
Affordable Housing & Neighborhoods	6,057	-	6,057	3,442	2,615	17,795	20,410
Parks and Open Spaces	5,215	-	5,215	3,319	1,896	13,685	15,581
Police, Fire & Homeland Security	91	-	91	65	26	36,700	36,726
Police, Fire & City Technology	542	-	542	467	75	4,790	4,865
Street and Storm Sewer Improvement	4,713	-	4,713	1,648	3,065	27,495	30,560
2001 Bonds							
Affordable Housing & Homeless Shelter	1,053	-	1,053	-	1,053	-	1,053
Educational, Youth & Cultural Facilities	(108)	-	(108)	1,074	(1,182)	1,700	518
Environmental Improvement & Cleanup	261	-	261	-	261	630	891
Fire Protection Facilities & Equipment	-	-	-	-	-	800	800
Neighborhood Protection & Senior Centers	4,966	-	4,966	84	4,882	2,355	7,237
New & Improved Libraries	3,444	-	3,444	-	3,444	900	4,344
Parks, Open Space & Recreation	(332)	-	(332)	-	(332)	4,425	4,093
Police Protection Facilities & Equipment	(524)	-	(524)	-	(524)	1,115	591
Police, Fire & Computer Technology	(50)	-	(50)	-	(50)	615	565
Preserving Phoenix Heritage	(103)	-	(103)	80	(183)	795	612
Storm Sewers	-	-	-	-	-	50	50
Street Improvements	(457)	-	(457)	144	(601)	2,225	1,624
1989 Historic Preservation	2	-	2	-	2	-	2
1988 Bonds							
Freeway Mitigation, Neighborhood Stabilization, Slum & Blight Elimination	845	-	845	-	845	1,000	1,845
Parks, Recreation & Mountain Preserves	413	-	413	-	413	-	413
Police Protection	27	-	27	-	27	-	27
1984 Fire & Police Protection	2	-	2	-	2	-	2
Nonprofit Corporation Bonds							
Aviation	(232,884)	21,273	(211,611)	28,037	(239,648)	442,235	202,587
Phoenix Convention Center	9,713	20,449	30,162	20,449	9,713	-	9,713
Solid Waste	483	-	483	656	(173)	75,000	74,827
Wastewater	(805)	-	(805)	33,077	(33,882)	405,000	371,118
Water	(59)	-	(59)	31,169	(31,228)	525,000	493,772
Other	(50,271)	(1,026)	(51,297)	77,884	(129,181)	182,345	53,164
OTHER FINANCING							
Impact Fees	129,030	-	129,030	82,789	46,241	-	46,241
Passenger Facility Charge	38,698	80,000	118,698	82,539	36,159	-	36,159
Customer Facility Charge	3,944	25,815	29,759	3	29,756	-	29,756
Other Cities' Participation in Joint Ventures	20,280	30,257	50,537	30,257	20,280	-	20,280
Solid Waste Remediation	4,731	-	4,731	70	4,661	-	4,661
Capital Grants	(19,537)	73,251	53,714	73,251	(19,537)	19,537	-
Federal, State & Other Participation	(5,282)	44,049	38,767	44,049	(5,282)	5,282	-
Capital Gifts	172	-	172	-	172	-	172
Capital Reserves	307,863	(1,400)	306,463	8,038	298,425	-	298,425
Other Capital	9,508	-	9,508	5,043	4,465	-	4,465
TOTAL	\$ 234,368	\$ 292,668	\$ 527,036	\$ 528,672	\$ (1,636)	\$ 1,806,754	\$ 1,805,118

¹ Includes bond proceeds and funds which "pass through" bond funds such as grants, land sales and other agency and private participation.

² Includes bonds authorized and available for sale, pledged resources and cost recovery for projects billed and/or reimbursed on a cash flow basis.

Program Detail



City of Phoenix

Arts and Cultural Facilities

The Arts and Cultural Facilities program totals \$1.5 million and is funded with 2001 and 2006 General Obligation Bond and other restricted funds.

The Arts and Cultural Facilities program seeks to preserve and expand the enjoyment of the arts and culture within the city of Phoenix.

General Obligation Bond funded projects total \$1.4 million, \$0.4 million of which is delayed indefinitely due to property tax revenue reductions.

General Obligation Bond funded projects that are delayed indefinitely include:

- Hispanic Cultural Center (a portion of the project budget)
- Study to renovate Santa Rita Hall for use as a cultural center

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Arts and Cultural Facilities
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Cultural Facilities	1,117,899	-	-	-	351,500	\$1,469,399
Percent for Art	-	-	-	-	24,000	\$24,000
Total	\$1,117,899	-	-	-	\$375,500	\$1,493,399
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Other Restricted	43,899	-	-	-	-	\$43,899
Total Operating Funds	\$43,899	-	-	-	-	\$43,899
<u>Bond Funds</u>						
2001 General Obligation Bonds	1,074,000	-	-	-	316,000	\$1,390,000
2006 General Obligation Bonds	-	-	-	-	59,500	\$59,500
Total Bond Funds	\$1,074,000	-	-	-	\$375,500	\$1,449,500
Program Total	\$1,117,899	-	-	-	\$375,500	\$1,493,399

Arts and Cultural Facilities

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR00000005	HISPANIC CULTURAL CENTER						
	Construct or renovate a facility for a Hispanic cultural center.						
	Estimated full-year ongoing operating costs:	\$15,000					
	Construction	1,074,000	-	-	-	302,000	\$1,376,000
	Project total	\$1,074,000	-	-	-	\$302,000	\$1,376,000
	2001 Education, Youth and Cultural Facilities Bonds	1,074,000	-	-	-	302,000	\$1,376,000
	Funding total	\$1,074,000	-	-	-	\$302,000	\$1,376,000
AR00000012	CARVER MUSEUM						
	Renovate the Carver Museum located at 415 East Grant Street.						
	Construction	43,899	-	-	-	-	\$43,899
	Project total	\$43,899	-	-	-	-	\$43,899
	Other Restricted	43,899	-	-	-	-	\$43,899
	Funding total	\$43,899	-	-	-	-	\$43,899
AR00000015	CHICANOS POR LA CAUSA						
	Study to renovate Santa Rita Hall as a cultural center located at 1017 East Hadley Street.						
	Study	-	-	-	-	49,500	\$49,500
	Project total	-	-	-	-	\$49,500	\$49,500
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	49,500	\$49,500
	Funding total	-	-	-	-	\$49,500	\$49,500
AR45000001	CULTURAL FACILITIES PERCENT FOR ART						
	Design and fabricate artwork for a cultural facility bond project.						
	Construction	-	-	-	-	24,000	\$24,000
	Project total	-	-	-	-	\$24,000	\$24,000
	2001 Education, Youth and Cultural Facilities Bonds	-	-	-	-	14,000	\$14,000
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	10,000	\$10,000
	Funding total	-	-	-	-	\$24,000	\$24,000



City of Phoenix

Aviation

The Aviation program totals \$380.7 million and is funded with Aviation operating revenue, capital grants and Passenger Facility Charge funds. The program includes projects for Phoenix Sky Harbor International Airport and satellite airports including Phoenix Deer Valley, Phoenix Goodyear and Phoenix Mesa Gateway.

Major improvements for Sky Harbor International Airport include:

- Modernize Terminal 3 with updated infrastructure
- Restore, modify or expand ramps, roadways, aprons, pavement areas, runways and utility access points
- Provide for general airport infrastructure improvement or enhancement including various technology improvements
- Conduct various studies and develop planning assessments, provide for monitoring and remediation services
- Design and construct various Terminal 4 infrastructure improvements including restroom remodels, terrazzo floor installation, retail infrastructure improvements and expansion of international facilities
- Design and construct the communications and emergency operations center
- Update the Rental Car facility
- Improve and expand air cargo infrastructure
- Provide for contingency project funding and debt service payments

The Aviation program also includes ramp, runup area and infrastructure improvements, a master plan update, land acquisition to enhance the protection of people and property within runway protection zones at the Phoenix Goodyear and Phoenix Deer Valley airports and support for Phoenix-Mesa Gateway Airport development.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
Air Cargo Facilities	225,000	4,929,000	713,000	12,629,000	-	\$18,496,000
Aviation Contingency	15,914,606	16,864,200	15,469,800	10,687,000	2,995,000	\$61,930,606
Debt Service	70,180,213	-	-	-	-	\$70,180,213
Developmental Studies and Environmental Proj	9,663,300	1,491,300	1,491,300	1,491,300	1,491,300	\$15,628,500
General Aviation	1,338,000	-	-	-	-	\$1,338,000
Percent for Art	4,830,280	30,000	-	-	-	\$4,860,280
Phoenix Deer Valley Airport	12,592,000	2,310,000	-	-	-	\$14,902,000
Phoenix Goodyear Airport	7,595,203	-	-	5,396,000	-	\$12,991,203
Phoenix-Mesa Gateway Airport	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	\$6,500,000
PHX Sky Train	100,000	-	-	-	-	\$100,000
Rental Car Center and Parking Facilities	15,075,000	-	-	-	-	\$15,075,000
Roads, Bridges, and Drainage	233,000	-	-	-	-	\$233,000
Runway, Apron and Taxiway Improvements	34,867,566	28,060,000	4,000,000	2,500,000	2,500,000	\$71,927,566
Security Facilities	19,394,978	-	-	-	-	\$19,394,978
Technology	4,226,860	-	-	-	-	\$4,226,860
Terminal 4	10,692,680	3,347,000	4,612,000	3,319,000	-	\$21,970,680
Terminal Redevelopment	14,800,000	12,000,000	9,103,500	5,010,706	-	\$40,914,206
Total	\$223,028,686	\$70,331,500	\$36,689,600	\$42,333,006	\$8,286,300	\$380,669,092
Source of Funds						
<u>Operating Funds</u>						
Aviation	67,466,730	27,258,820	35,690,500	23,105,066	5,120,750	\$158,641,866
Total Operating Funds	\$67,466,730	\$27,258,820	\$35,690,500	\$23,105,066	\$5,120,750	\$158,641,866
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Aviation	28,037,186	-	-	-	-	\$28,037,186
Total Bond Funds	\$28,037,186	-	-	-	-	\$28,037,186
<u>Other Capital Funds</u>						
Capital Grants	44,982,280	32,015,980	499,100	18,727,940	2,665,550	\$98,890,850
Customer Facility Charges	3,250	-	-	-	-	\$3,250
Passenger Facility Charge	82,539,240	11,056,700	500,000	500,000	500,000	\$95,095,940
Total Other Capital Funds	\$127,524,770	\$43,072,680	\$999,100	\$19,227,940	\$3,165,550	\$193,990,040
Program Total	\$223,028,686	\$70,331,500	\$36,689,600	\$42,333,006	\$8,286,300	\$380,669,092

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV06000022	WEST AIR CARGO APRON RECONSTRUCTION						
	Design and construct the west air cargo apron area at Phoenix Sky Harbor International Airport with asphalt concrete and subbase reconditioning.						
							District: 8
	Construction	-	4,277,820	-	-	-	\$4,277,820
	Design	202,500	158,280	-	-	-	\$360,780
	Other	22,500	492,900	-	-	-	\$515,400
	Project total	\$225,000	\$4,929,000	-	-	-	\$5,154,000
	Capital Grants	157,500	3,450,300	-	-	-	\$3,607,800
	Passenger Facility Charge	67,500	1,478,700	-	-	-	\$1,546,200
	Funding total	\$225,000	\$4,929,000	-	-	-	\$5,154,000
AV06000024	SOUTH CARGO RAMP EXPANSION						
	Expand the south air cargo ramp to add additional aircraft parking positions.						
							District: 8
	Construction	-	-	-	12,629,000	-	\$12,629,000
	Design	-	-	713,000	-	-	\$713,000
	Project total	-	-	\$713,000	\$12,629,000	-	\$13,342,000
	Aviation	-	-	213,900	3,788,700	-	\$4,002,600
	Capital Grants	-	-	499,100	8,840,300	-	\$9,339,400
	Funding total	-	-	\$713,000	\$12,629,000	-	\$13,342,000
AV08000009	AIRSIDE ASPHALT PAVEMENT RESTORATION						
	Restore asphalt pavement on taxiways and aprons at Phoenix Sky Harbor International Airport.						
							District: 8
	Construction	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
	Project total	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
	Aviation	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$10,000,000
	Funding total	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
AV08000072	TERMINAL 4 NORTH APRON RECONSTRUCTION						
	Reconstruct Terminal 4 north apron concrete at Phoenix Sky Harbor International Airport.						
							District: 8
	Construction	14,397,887	23,515,200	-	-	-	\$37,913,087
	Other	1,661,679	2,044,800	-	-	-	\$3,706,479
	Project total	\$16,059,566	\$25,560,000	-	-	-	\$41,619,566
	Capital Grants	9,688,000	17,892,000	-	-	-	\$27,580,000
	Passenger Facility Charge	6,371,566	7,668,000	-	-	-	\$14,039,566
	Funding total	\$16,059,566	\$25,560,000	-	-	-	\$41,619,566

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV08000074	UTILITY VAULT UPGRADE AND INFIELD PAVING						
	Raise the airfield utility vault elevation for stormwater considerations and conduct infield paving.						
							District: 8
	Construction	6,438,250	-	-	-	-	\$6,438,250
	Other	901,750	500,000	500,000	500,000	500,000	\$2,901,750
	Project total	\$7,340,000	\$500,000	\$500,000	\$500,000	\$500,000	\$9,340,000
	Capital Grants	5,523,250	-	-	-	-	\$5,523,250
	Passenger Facility Charge	1,816,750	500,000	500,000	500,000	500,000	\$3,816,750
	Funding total	\$7,340,000	\$500,000	\$500,000	\$500,000	\$500,000	\$9,340,000
AV08000076	AIRFIELD ACUTE ANGLE CONNECTOR LED UPGRADE						
	Purchase and install new LED style L-852B taxiway centerline lighting, including the correct size transformers for energy savings and cost-efficient maintenance.						
							District: 8
	Construction	100,000	-	-	-	-	\$100,000
	Other	50,000	-	-	-	-	\$50,000
	Project total	\$150,000	-	-	-	-	\$150,000
	Aviation	150,000	-	-	-	-	\$150,000
	Funding total	\$150,000	-	-	-	-	\$150,000
AV08000077	AIRFIELD SIGNAGE REGULATORY COMPLIANCE						
	Ensure airfield signage is in compliance with regulatory standards.						
							District: 8
	Design	-	-	1,500,000	-	-	\$1,500,000
	Project total	-	-	\$1,500,000	-	-	\$1,500,000
	Aviation	-	-	1,500,000	-	-	\$1,500,000
	Funding total	-	-	\$1,500,000	-	-	\$1,500,000
AV08000078	RUNWAY KEEL RECONSTRUCTION						
	Remove and replace concrete panels on the keel section of Runway 8-26 at Phoenix Sky Harbor International Airport.						
							District: 8
	Construction	8,673,000	-	-	-	-	\$8,673,000
	Other	645,000	-	-	-	-	\$645,000
	Project total	\$9,318,000	-	-	-	-	\$9,318,000
	Capital Grants	6,551,600	-	-	-	-	\$6,551,600
	Passenger Facility Charge	2,766,400	-	-	-	-	\$2,766,400
	Funding total	\$9,318,000	-	-	-	-	\$9,318,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV09000009	HYDRANT FUEL SYSTEM ASSESSMENT						
Assess the hydrant fuel system at Phoenix Sky Harbor International Airport.				Function: Developmental Studies and Environmental Projects			
				Strategic Plan: Infrastructure			
				District: 8			
Study		250,800	250,800	250,800	250,800	250,800	\$1,254,000
	Project total	\$250,800	\$250,800	\$250,800	\$250,800	\$250,800	\$1,254,000
Aviation		250,800	250,800	250,800	250,800	250,800	\$1,254,000
	Funding total	\$250,800	\$250,800	\$250,800	\$250,800	\$250,800	\$1,254,000
AV09000065	AMERICANS WITH DISABILITIES ACT TRANSITION PLAN IMPROVEMENTS						
Modify aviation facilities to comply with Americans with Disabilities Act (ADA) compliance requirements at Phoenix Sky Harbor International Airport, Phoenix Deer Valley Airport and Phoenix Goodyear Airport.				Function: Developmental Studies and Environmental Projects			
				Strategic Plan: Infrastructure			
				District: Citywide			
Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Project total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Aviation		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Funding total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
AV09000075	HONEYWELL REMEDIATION AGREEMENT						
Manage remediation efforts of Honeywell leaking underground storage tank (LUST) project at Phoenix Sky Harbor International Airport.				Function: Developmental Studies and Environmental Projects			
				Strategic Plan: Infrastructure			
				District: 8			
Other		392,200	392,200	392,200	392,200	392,200	\$1,961,000
	Project total	\$392,200	\$392,200	\$392,200	\$392,200	\$392,200	\$1,961,000
Aviation		392,200	392,200	392,200	392,200	392,200	\$1,961,000
	Funding total	\$392,200	\$392,200	\$392,200	\$392,200	\$392,200	\$1,961,000
AV09000078	FACILITIES CONDITION ASSESSMENT STUDY						
Perform a facilities assessment on Terminal 2 and 3 and outlying buildings at Phoenix Sky Harbor International Airport.				Function: Developmental Studies and Environmental Projects			
				Strategic Plan: Infrastructure			
				District: 8			
Other		40,000	-	-	-	-	\$40,000
	Project total	\$40,000	-	-	-	-	\$40,000
Aviation		40,000	-	-	-	-	\$40,000
	Funding total	\$40,000	-	-	-	-	\$40,000
AV09000079	MONITORING SERVICES						
Provide for inspection and monitoring services for terminal area monitoring system at Phoenix Sky Harbor International Airport.				Function: Developmental Studies and Environmental Projects			
				Strategic Plan: Infrastructure			
				District: 8			
Other		348,300	348,300	348,300	348,300	348,300	\$1,741,500
	Project total	\$348,300	\$348,300	\$348,300	\$348,300	\$348,300	\$1,741,500
Aviation		348,300	348,300	348,300	348,300	348,300	\$1,741,500
	Funding total	\$348,300	\$348,300	\$348,300	\$348,300	\$348,300	\$1,741,500

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV09000085	AIRPORT COMPATIBLE LAND REUSE PLAN						
	Develop plans and recommendations for the compatible-reuse potential of approximately 800 previously acquired parcels west of the Phoenix Sky Harbor International Airport.						
							District: 8
	Other	292,000	-	-	-	-	\$292,000
	Project total	\$292,000	-	-	-	-	\$292,000
	Passenger Facility Charge	292,000	-	-	-	-	\$292,000
	Funding total	\$292,000	-	-	-	-	\$292,000
AV09000086	AIRPORT COMPATIBLE LAND REDEVELOPMENT PROGRAM						
	Validate and redevelop areas based on the Compatible Land Reuse plan recommendations and FAA approval.						
							District: 8
	Other	775,000	-	-	-	-	\$775,000
	Project total	\$775,000	-	-	-	-	\$775,000
	Passenger Facility Charge	775,000	-	-	-	-	\$775,000
	Funding total	\$775,000	-	-	-	-	\$775,000
AV09000087	STORM DAMAGE REPAIR						
	Repair the areas at the Phoenix Sky Harbor International Airport damaged by the severe storm in September 2014.						
							District: 8
	Other	150,000	-	-	-	-	\$150,000
	Project total	\$150,000	-	-	-	-	\$150,000
	Aviation	150,000	-	-	-	-	\$150,000
	Funding total	\$150,000	-	-	-	-	\$150,000
AV09000088	2016 AIRSIDE PAVEMENT ASSESSMENT						
	Update the Pavement Management program in compliance with the Federal Aviation Administration requirements.						
							District: 8
	Other	70,000	-	-	-	-	\$70,000
	Project total	\$70,000	-	-	-	-	\$70,000
	Aviation	70,000	-	-	-	-	\$70,000
	Funding total	\$70,000	-	-	-	-	\$70,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV09000089	RUNWAY INCURSION MITIGATION ANALYSIS AND AIRPORT LAYOUT PLAN UPDATE						
	Complete a Runway Incursion Mitigation (RIM) Analysis and Airport Layout Plan (ALP) update at Phoenix Sky Harbor International Airport.						
							District: 8
	Other	285,000	-	-	-	-	\$285,000
	Study	700,000	-	-	-	-	\$700,000
	Project total	\$985,000	-	-	-	-	\$985,000
	Capital Grants	700,000	-	-	-	-	\$700,000
	Passenger Facility Charge	285,000	-	-	-	-	\$285,000
	Funding total	\$985,000	-	-	-	-	\$985,000
AV09000090	PHOENIX 20 YEAR MASTER PLAN						
	Collaborate with Federal Aviation Administration to complete a 20 year master plan.						
							District: 8
	Other	875,000	-	-	-	-	\$875,000
	Study	4,985,000	-	-	-	-	\$4,985,000
	Project total	\$5,860,000	-	-	-	-	\$5,860,000
	Capital Grants	4,102,000	-	-	-	-	\$4,102,000
	Passenger Facility Charge	1,758,000	-	-	-	-	\$1,758,000
	Funding total	\$5,860,000	-	-	-	-	\$5,860,000
AV10000010	PHX SKY TRAIN STAGE 1A						
	Construct PHX Sky Train segment from Terminal 4 to Terminal 3 at Phoenix Sky Harbor International Airport.						
	Estimated full-year ongoing operating costs:	\$2,300,000					
							District: 8
	Other	100,000	-	-	-	-	\$100,000
	Project total	\$100,000	-	-	-	-	\$100,000
	Passenger Facility Charge	100,000	-	-	-	-	\$100,000
	Funding total	\$100,000	-	-	-	-	\$100,000
AV13000002	TERMINAL 3 MODERNIZATION						
	Modernize Terminal 3 with updated infrastructure including a consolidated checkpoint, improved ticket counters, baggage carousels and expand concessions at Phoenix Sky Harbor International Airport.						
							District: 8
	Estimated full-year ongoing operating costs:	\$7,600,000					
	Other	14,800,000	12,000,000	9,103,500	5,010,706	-	\$40,914,206
	Project total	\$14,800,000	\$12,000,000	\$9,103,500	\$5,010,706	-	\$40,914,206
	Aviation	14,800,000	12,000,000	9,103,500	5,010,706	-	\$40,914,206
	Funding total	\$14,800,000	\$12,000,000	\$9,103,500	\$5,010,706	-	\$40,914,206

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV1400023	REPLACE AIRPORT MONUMENT SIGNS						
	Replace airport monument signs at Phoenix Sky Harbor International Airport.						
							Function: Roads, Bridges, and Drainage
							Strategic Plan: Infrastructure
							District: 8
Other		108,000	-	-	-	-	\$108,000
Project total		\$108,000	-	-	-	-	\$108,000
Aviation		108,000	-	-	-	-	\$108,000
Funding total		\$108,000	-	-	-	-	\$108,000
AV1400025	TERMINAL 4 ROADWAY LIGHT FIXTURE REPLACEMENT						
	Replace existing lighting fixtures with a high efficiency and low maintenance Light Emitting Diode (LED) lighting system.						
							Function: Roads, Bridges, and Drainage
							Strategic Plan: Innovation and Efficiency
							District: 8
Other		125,000	-	-	-	-	\$125,000
Project total		\$125,000	-	-	-	-	\$125,000
Aviation		125,000	-	-	-	-	\$125,000
Funding total		\$125,000	-	-	-	-	\$125,000
AV1500070	EAST ECONOMY GARAGE LIGHTING UPGRADE						
	Replace existing lighting fixtures with LEDs at the Phoenix Sky Harbor International Airport East Economy Garage.						
							Function: Rental Car Center and Parking Facilities
							Strategic Plan: Infrastructure
							District: 8
Other		75,000	-	-	-	-	\$75,000
Project total		\$75,000	-	-	-	-	\$75,000
Aviation		75,000	-	-	-	-	\$75,000
Funding total		\$75,000	-	-	-	-	\$75,000
AV1500071	RENTAL CAR CENTER BUILDING IMPROVEMENT AND TENANT RELOCATION						
	Rental Car Center building improvements to accommodate consolidation and market changes.						
							Function: Rental Car Center and Parking Facilities
							Strategic Plan: Infrastructure
							District: 8
Construction		15,000,000	-	-	-	-	\$15,000,000
Project total		\$15,000,000	-	-	-	-	\$15,000,000
Aviation		15,000,000	-	-	-	-	\$15,000,000
Funding total		\$15,000,000	-	-	-	-	\$15,000,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV17000043	COMMUNICATIONS CENTER AND EMERGENCY OPERATIONS EXPANSION						
	Expand an adjoining structure to the Emergency Operations Center (EOC) at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: Security Facilities
							Strategic Plan: Public Safety
Equipment		1,132,338	-	-	-	-	\$1,132,338
Other		212,640	-	-	-	-	\$212,640
Project total		\$1,344,978	-	-	-	-	\$1,344,978
Aviation		1,344,978	-	-	-	-	\$1,344,978
Funding total		\$1,344,978	-	-	-	-	\$1,344,978
AV17000048	COMMUNICATIONS AND EMERGENCY OPERATIONS CENTER						
	Construct a communications and emergency operations center at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: Security Facilities
							Strategic Plan: Infrastructure
Estimated full-year ongoing operating costs:		\$450,000					
Construction		15,600,000	-	-	-	-	\$15,600,000
Other		2,350,000	-	-	-	-	\$2,350,000
Project total		\$17,950,000	-	-	-	-	\$17,950,000
Passenger Facility Charge		17,950,000	-	-	-	-	\$17,950,000
Funding total		\$17,950,000	-	-	-	-	\$17,950,000
AV17000049	REPLACE PERIMETER GATES WEDGE BARRIERS						
	Construct and replace 15 wedge barriers with high security above ground hydraulic drop arms at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: Security Facilities
							Strategic Plan: Infrastructure
Construction		100,000	-	-	-	-	\$100,000
Project total		\$100,000	-	-	-	-	\$100,000
Passenger Facility Charge		100,000	-	-	-	-	\$100,000
Funding total		\$100,000	-	-	-	-	\$100,000
AV19000026	WEST SKY HARBOR FUELING FACILITY LUST						
	Assess future monitoring and remediation for leaking underground storage tanks (LUST) at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: General Aviation
							Strategic Plan: Infrastructure
Other		93,000	-	-	-	-	\$93,000
Project total		\$93,000	-	-	-	-	\$93,000
Aviation		93,000	-	-	-	-	\$93,000
Funding total		\$93,000	-	-	-	-	\$93,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV19000032	MESA HANGAR FIRE PROTECTION UPGRADE						
	Complete fire protection upgrades including installation of a fire pump, two 45,000 gallon water storage tanks, piping and nozzles to disperse foam suppressant and other components at the Mesa Airlines Hangar at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: General Aviation
							Strategic Plan: Infrastructure
	Other	25,000	-	-	-	-	\$25,000
	Project total	\$25,000	-	-	-	-	\$25,000
	Aviation	25,000	-	-	-	-	\$25,000
	Funding total	\$25,000	-	-	-	-	\$25,000
AV19000033	DEPARTMENT PUBLIC SAFETY/SALT RIVER PROJECT CORPORATE HANGAR FIRE PROTECTION UPGRADE						
	Upgrade the existing fire suppression system to meet current fire code requirements.						
							District: 8
							Function: General Aviation
							Strategic Plan: Infrastructure
	Construction	976,000	-	-	-	-	\$976,000
	Other	244,000	-	-	-	-	\$244,000
	Project total	\$1,220,000	-	-	-	-	\$1,220,000
	Aviation	1,220,000	-	-	-	-	\$1,220,000
	Funding total	\$1,220,000	-	-	-	-	\$1,220,000
AV21000075	TERMINAL 4 RESTROOM REMODEL						
	Remodel Terminal 4 men's and women's restrooms at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: Terminal 4
							Strategic Plan: Infrastructure
	Construction	539,000	-	-	-	-	\$539,000
	Other	146,000	-	-	-	-	\$146,000
	Project total	\$685,000	-	-	-	-	\$685,000
	Aviation	685,000	-	-	-	-	\$685,000
	Funding total	\$685,000	-	-	-	-	\$685,000
AV21000086	TERMINAL 4 SIGNAGE MASTER PLAN						
	Replace Terminal 4 interior and curbside signage and incorporate PHX Sky Train messaging at Phoenix Sky Harbor International Airport.						
							District: 8
							Function: Terminal 4
							Strategic Plan: Infrastructure
	Other	100,000	-	-	-	-	\$100,000
	Project total	\$100,000	-	-	-	-	\$100,000
	Aviation	100,000	-	-	-	-	\$100,000
	Funding total	\$100,000	-	-	-	-	\$100,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV21000089	TERMINAL 4 TERRAZZO FLOORING						
	Replace carpet with terrazzo hard flooring in high traffic areas in Terminal 4 at Phoenix Sky Harbor International Airport.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Construction		2,610,000	2,270,000	4,152,000	2,979,000	-	\$12,011,000
Other		540,000	260,000	460,000	340,000	-	\$1,600,000
Project total		\$3,150,000	\$2,530,000	\$4,612,000	\$3,319,000	-	\$13,611,000
Aviation		3,150,000	2,530,000	4,612,000	3,319,000	-	\$13,611,000
Funding total		\$3,150,000	\$2,530,000	\$4,612,000	\$3,319,000	-	\$13,611,000
AV21000091	TERMINAL 4 INTERNATIONAL MODERNIZATION						
	Modernize international arrivals and United States Customs and Border Protection facilities within Terminal 4 at Phoenix Sky Harbor International Airport.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Design		900,000	-	-	-	-	\$900,000
Other		4,792,574	-	-	-	-	\$4,792,574
Project total		\$5,692,574	-	-	-	-	\$5,692,574
Aviation		4,217,481	-	-	-	-	\$4,217,481
Passenger Facility Charge		1,475,093	-	-	-	-	\$1,475,093
Funding total		\$5,692,574	-	-	-	-	\$5,692,574
AV21000093	TERMINAL 4 MOVING WALKWAYS REFURBISHMENTS						
	Refurbish Terminal 4 moving walkways.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Other		10,000	-	-	-	-	\$10,000
Project total		\$10,000	-	-	-	-	\$10,000
Aviation		10,000	-	-	-	-	\$10,000
Funding total		\$10,000	-	-	-	-	\$10,000
AV21000094	TERMINAL 4 RETAIL INFRASTRUCTURE IMPROVEMENTS						
	Construct Terminal 4 retail infrastructure improvements.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Construction		855,106	735,000	-	-	-	\$1,590,106
Other		80,000	82,000	-	-	-	\$162,000
Project total		\$935,106	\$817,000	-	-	-	\$1,752,106
Aviation		935,106	817,000	-	-	-	\$1,752,106
Funding total		\$935,106	\$817,000	-	-	-	\$1,752,106

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV21000095	TERMINAL 4 ELECTRONIC GROUND SERVICE EQUIPMENT INFRASTRUCTURE IMPROVEMENTS						
	Install electrical charging stations for airline tenants electronic ground service equipment at Terminal 4 at Phoenix Sky Harbor International Airport.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Other		80,000	-	-	-	-	\$80,000
Project total		\$80,000	-	-	-	-	\$80,000
Aviation		80,000	-	-	-	-	\$80,000
Funding total		\$80,000	-	-	-	-	\$80,000
AV21000096	NAVIGATOR OFFICE RELOCATION						
	Relocate the Navigator Office in Phoenix Sky Harbor Airport Terminal 4.						
							Function: Terminal 4
							Strategic Plan: Infrastructure
							District: 8
Other		40,000	-	-	-	-	\$40,000
Project total		\$40,000	-	-	-	-	\$40,000
Aviation		40,000	-	-	-	-	\$40,000
Funding total		\$40,000	-	-	-	-	\$40,000
AV26000042	AIRPORT GEOGRAPHIC INFORMATION SYSTEM AND AIRSPACE ANALYSIS						
	Create Phoenix Sky Harbor International Airport Geographic Information System (GIS) data and Airport Airspace analysis in compliance with FAA regulations.						
							Function: Technology
							Strategic Plan: Technology
							District: 8
Other		280,000	-	-	-	-	\$280,000
Study		700,000	-	-	-	-	\$700,000
Project total		\$980,000	-	-	-	-	\$980,000
Capital Grants		700,000	-	-	-	-	\$700,000
Passenger Facility Charge		280,000	-	-	-	-	\$280,000
Funding total		\$980,000	-	-	-	-	\$980,000
AV26000043	PASSENGER INFORMATION PAGING SYSTEM (PIPS) REPLACEMENT						
	Replace the obsolete hardware/equipment of the Passenger Information Paging System.						
							Function: Technology
							Strategic Plan: Technology
							District: 8
Construction		1,623,116	-	-	-	-	\$1,623,116
Other		202,744	-	-	-	-	\$202,744
Project total		\$1,825,860	-	-	-	-	\$1,825,860
Passenger Facility Charge		1,825,860	-	-	-	-	\$1,825,860
Funding total		\$1,825,860	-	-	-	-	\$1,825,860

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV26000044	CUSTOMER SELF SERVICE SYSTEM						
	Implement SAP Module Biller Direct and a portal to allow customers to transact business with the airport.						
							Function: Technology
							Strategic Plan: Technology
							District: 1
Construction		851,000	-	-	-	-	\$851,000
Design		485,000	-	-	-	-	\$485,000
Other		85,000	-	-	-	-	\$85,000
Project total		\$1,421,000	-	-	-	-	\$1,421,000
Aviation		1,421,000	-	-	-	-	\$1,421,000
Funding total		\$1,421,000	-	-	-	-	\$1,421,000
AV31000082	PHOENIX DEER VALLEY AIRPORT RUNUP AREAS						
	Study and construct new runup areas at each end of Runway 7R/25L adjacent to Taxiway C at Phoenix Deer Valley Airport.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
Construction		-	2,055,900	-	-	-	\$2,055,900
Design		178,000	-	-	-	-	\$178,000
Other		22,000	254,100	-	-	-	\$276,100
Project total		\$200,000	\$2,310,000	-	-	-	\$2,510,000
Aviation		22,000	254,100	-	-	-	\$276,100
Capital Grants		178,000	2,055,900	-	-	-	\$2,233,900
Funding total		\$200,000	\$2,310,000	-	-	-	\$2,510,000
AV31000084	PHOENIX DEER VALLEY AIRPORT NORTH RAMP RECONSTRUCTION						
	Reconstruct and rehabilitate the north ramp using a 2" mill and overlay for full depth repair of large cracks at Phoenix Deer Valley Airport.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
Construction		6,960,170	-	-	-	-	\$6,960,170
Other		759,830	-	-	-	-	\$759,830
Project total		\$7,720,000	-	-	-	-	\$7,720,000
Aviation		759,830	-	-	-	-	\$759,830
Capital Grants		6,960,170	-	-	-	-	\$6,960,170
Funding total		\$7,720,000	-	-	-	-	\$7,720,000
AV31000085	PHOENIX DEER VALLEY AIRPORT TERMINAL PARKING LOT RECONSTRUCTION						
	Reconstruct the main terminal parking lot pavement at Phoenix Deer Valley Airport.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
Construction		15,000	-	-	-	-	\$15,000
Project total		\$15,000	-	-	-	-	\$15,000
Aviation		15,000	-	-	-	-	\$15,000
Funding total		\$15,000	-	-	-	-	\$15,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV31000086	PHOENIX DEER VALLEY AIRPORT WEST PERIMETER ROAD PHASE I						
	Reconstruct the West Perimeter Road at Phoenix Deer Valley Airport.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
	Construction	630,000	-	-	-	-	\$630,000
	Other	120,000	-	-	-	-	\$120,000
	Project total	\$750,000	-	-	-	-	\$750,000
	Aviation	750,000	-	-	-	-	\$750,000
	Funding total	\$750,000	-	-	-	-	\$750,000
AV31000087	PHOENIX DEER VALLEY AIRPORT HANGAR SWITCHGEAR REPLACEMENT						
	Replace the electrical Service Entrance Sections (SES) and branch circuit panels supplying power to the T-hangars and executive hangars at Phoenix Deer Valley Airport.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
	Construction	1,067,000	-	-	-	-	\$1,067,000
	Other	80,000	-	-	-	-	\$80,000
	Project total	\$1,147,000	-	-	-	-	\$1,147,000
	Aviation	1,147,000	-	-	-	-	\$1,147,000
	Funding total	\$1,147,000	-	-	-	-	\$1,147,000
AV31000088	PHOENIX DEER VALLEY AIRPORT CONNECTOR RELOCATION						
	Relocate and build the B3 Connector as recommended by the Deer Valley Airport Master Plan Update.						
							Function: Phoenix Deer Valley Airport
							Strategic Plan: Infrastructure
							District: 1
	Construction	2,455,000	-	-	-	-	\$2,455,000
	Other	305,000	-	-	-	-	\$305,000
	Project total	\$2,760,000	-	-	-	-	\$2,760,000
	Aviation	484,200	-	-	-	-	\$484,200
	Capital Grants	2,275,800	-	-	-	-	\$2,275,800
	Funding total	\$2,760,000	-	-	-	-	\$2,760,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AV41000071	PHOENIX GOODYEAR AIRPORT RUNWAY PROTECTION ZONE LAND ACQUISITION						
							Function: Phoenix Goodyear Airport
							Strategic Plan: Infrastructure
							District: Citywide
	Land Acquisition	-	-	-	5,032,640	-	\$5,032,640
	Other	135,000	-	-	363,360	-	\$498,360
	Study	1,794,000	-	-	-	-	\$1,794,000
	Project total	\$1,929,000	-	-	\$5,396,000	-	\$7,325,000
	Aviation	249,000	-	-	863,360	-	\$1,112,360
	Capital Grants	1,680,000	-	-	4,532,640	-	\$6,212,640
	Funding total	\$1,929,000	-	-	\$5,396,000	-	\$7,325,000
AV41000072	PHOENIX GOODYEAR AIRPORT MASTER PLAN UPDATE						
							Function: Phoenix Goodyear Airport
							Strategic Plan: Infrastructure
							District: Citywide
	Other	64,703	-	-	-	-	\$64,703
	Study	667,500	-	-	-	-	\$667,500
	Project total	\$732,203	-	-	-	-	\$732,203
	Aviation	64,703	-	-	-	-	\$64,703
	Capital Grants	667,500	-	-	-	-	\$667,500
	Funding total	\$732,203	-	-	-	-	\$732,203
AV41000073	PHOENIX GOODYEAR AIRPORT APRON RECONSTRUCTION						
							Function: Phoenix Goodyear Airport
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	1,424,000	-	-	-	-	\$1,424,000
	Design	355,500	-	-	-	-	\$355,500
	Other	190,500	-	-	-	-	\$190,500
	Project total	\$1,970,000	-	-	-	-	\$1,970,000
	Aviation	190,500	-	-	-	-	\$190,500
	Capital Grants	1,779,500	-	-	-	-	\$1,779,500
	Funding total	\$1,970,000	-	-	-	-	\$1,970,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
BCAVN2010E	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2010 Aviation bonds.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	42,458,831	-	-	-	-	\$42,458,831
	Project total	\$42,458,831	-	-	-	-	\$42,458,831
	Passenger Facility Charge	42,458,831	-	-	-	-	\$42,458,831
	Funding total	\$42,458,831	-	-	-	-	\$42,458,831
BCAVN2010F	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2010 Aviation bonds.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	1,409,940	-	-	-	-	\$1,409,940
	Project total	\$1,409,940	-	-	-	-	\$1,409,940
	Passenger Facility Charge	1,409,940	-	-	-	-	\$1,409,940
	Funding total	\$1,409,940	-	-	-	-	\$1,409,940
BCAVN2014E	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2014 Aviation bonds.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	621,075	-	-	-	-	\$621,075
	Project total	\$621,075	-	-	-	-	\$621,075
	Nonprofit Corporation Bonds - Aviation	621,075	-	-	-	-	\$621,075
	Funding total	\$621,075	-	-	-	-	\$621,075
BCAVN2014F	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2014 Aviation bonds.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	1,004,850	-	-	-	-	\$1,004,850
	Project total	\$1,004,850	-	-	-	-	\$1,004,850
	Nonprofit Corporation Bonds - Aviation	1,004,850	-	-	-	-	\$1,004,850
	Funding total	\$1,004,850	-	-	-	-	\$1,004,850
BCAVN2014G	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2014 Aviation bonds.						
							Function: Debt Service Strategic Plan: Financial Excellence District: Citywide
	Other	621,075	-	-	-	-	\$621,075
	Project total	\$621,075	-	-	-	-	\$621,075
	Nonprofit Corporation Bonds - Aviation	621,075	-	-	-	-	\$621,075
	Funding total	\$621,075	-	-	-	-	\$621,075

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
BCAVN2015E	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2015 Aviation bonds.						
							Function: Debt Service
							Strategic Plan: Financial Excellence
							District: Citywide
Other		1,855,050	-	-	-	-	\$1,855,050
Project total		\$1,855,050	-	-	-	-	\$1,855,050
Passenger Facility Charge		1,855,050	-	-	-	-	\$1,855,050
Funding total		\$1,855,050	-	-	-	-	\$1,855,050
BCAVN2015G	DEBT SERVICE - AVIATION						
	Provide for debt service payments for 2015 Aviation bonds.						
							Function: Debt Service
							Strategic Plan: Financial Excellence
							District: Citywide
Other		932,750	-	-	-	-	\$932,750
Project total		\$932,750	-	-	-	-	\$932,750
Passenger Facility Charge		932,750	-	-	-	-	\$932,750
Funding total		\$932,750	-	-	-	-	\$932,750
AR66000015	AVIATION MASTER PLAN PERCENT FOR ART						
	Refine the master plan for future public art at Phoenix Sky Harbor International Airport.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Study		54,649	-	-	-	-	\$54,649
Project total		\$54,649	-	-	-	-	\$54,649
Aviation		54,649	-	-	-	-	\$54,649
Funding total		\$54,649	-	-	-	-	\$54,649
AR66000021	PORTABLE ARTWORK PERCENT FOR ART						
	Commission portable artwork for the Aviation Department.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		86,725	30,000	-	-	-	\$116,725
Project total		\$86,725	\$30,000	-	-	-	\$116,725
Aviation		86,725	30,000	-	-	-	\$116,725
Funding total		\$86,725	\$30,000	-	-	-	\$116,725
AR66000023	TERMINAL MODERNIZATIONS PERCENT FOR ART						
	Integrate artwork into the design of airport terminal redevelopment.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		333,118	-	-	-	-	\$333,118
Project total		\$333,118	-	-	-	-	\$333,118
Nonprofit Corporation Bonds - Aviation		333,118	-	-	-	-	\$333,118
Funding total		\$333,118	-	-	-	-	\$333,118

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Aviation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR66000036	TERMINAL 3 MODERNIZATION WEST ATRIUM PERCENT FOR ART						
	Integrate artwork into the modernization of Terminal 3 at the West Atrium at Phoenix Sky Harbor International Airport.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
	Construction	300,729	-	-	-	-	\$300,729
	Project total	\$300,729	-	-	-	-	\$300,729
	Aviation	172,112	-	-	-	-	\$172,112
	Nonprofit Corporation Bonds - Aviation	128,617	-	-	-	-	\$128,617
	Funding total	\$300,729	-	-	-	-	\$300,729
AR66000037	TERMINAL 3 MODERNIZATION NORTH CONCOURSE BRIDGE PERCENT FOR ART						
	Integrate artwork into the modernization of the Terminal 3 North concourse bridge at Phoenix Sky Harbor International Airport.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
	Construction	2,000,000	-	-	-	-	\$2,000,000
	Project total	\$2,000,000	-	-	-	-	\$2,000,000
	Nonprofit Corporation Bonds - Aviation	2,000,000	-	-	-	-	\$2,000,000
	Funding total	\$2,000,000	-	-	-	-	\$2,000,000
AR66000038	TERMINAL 3 MODERNIZATION SOUTH CONCOURSE BRIDGE PERCENT FOR ART						
	Integrate artwork into the modernization of the Terminal 3 South concourse bridge at Phoenix Sky Harbor International Airport.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
	Construction	375,000	-	-	-	-	\$375,000
	Project total	\$375,000	-	-	-	-	\$375,000
	Nonprofit Corporation Bonds - Aviation	375,000	-	-	-	-	\$375,000
	Funding total	\$375,000	-	-	-	-	\$375,000
AR66000039	TERMINAL 3 MODERNIZATION EAST ATRIUM PERCENT FOR ART						
	Integrate artwork into the modernization of Terminal 3 at the East Atrium at Phoenix Sky Harbor International Airport.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
	Construction	1,680,059	-	-	-	-	\$1,680,059
	Project total	\$1,680,059	-	-	-	-	\$1,680,059
	Nonprofit Corporation Bonds - Aviation	1,680,059	-	-	-	-	\$1,680,059
	Funding total	\$1,680,059	-	-	-	-	\$1,680,059



City of Phoenix

Economic Development

The \$46.4 million Economic Development program is funded with Downtown Community Reinvestment funds, other restricted funds, Water operating funds, Arizona Highway User Revenues and 2006 General Obligation Bond funds. Major projects include:

- Downtown Redevelopment Area project facilitation and assistance
- Arizona State University Center for Law and Society development assistance
- Phoenix Biomedical Campus maintenance, improvements and repair

\$17.0 million in projects utilizing 2006 General Obligation Bond funding are delayed indefinitely due to reductions in property tax revenue. These projects include:

- West Phoenix Revitalization
- HOPE VI/Rio Salado Downtown Connectors
- State Fair Redevelopment
- Downtown Land Acquisition
- Life Science Research Park
- Phoenix Biomedical Campus Improvements
- ASU Post Office Improvements
- Downtown infrastructure improvements to sidewalks, landscaping and lighting
- Artist Storefront Program
- Public infrastructure improvements for retail development

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Economic Development
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Downtown Development	9,551,500	3,801,500	3,100,000	3,700,000	11,033,000	\$31,186,000
Economic Development	1,770,000	1,502,000	1,500,000	-	10,044,000	\$14,816,000
Percent for Art	9,179	-	-	-	374,605	\$383,784
Total	\$11,330,679	\$5,303,500	\$4,600,000	\$3,700,000	\$21,451,605	\$46,385,784
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Arizona Highway User Revenue	15,000	-	-	-	-	\$15,000
Community Reinvestment	7,056,500	3,503,500	3,500,000	2,000,000	2,800,000	\$18,860,000
Other Restricted	4,250,000	1,800,000	1,100,000	1,700,000	1,700,000	\$10,550,000
Water	9,179	-	-	-	-	\$9,179
Total Operating Funds	\$11,330,679	\$5,303,500	\$4,600,000	\$3,700,000	\$4,500,000	\$29,434,179
<u>Bond Funds</u>						
2006 General Obligation Bonds	-	-	-	-	16,951,605	\$16,951,605
Total Bond Funds	-	-	-	-	\$16,951,605	\$16,951,605
Program Total	\$11,330,679	\$5,303,500	\$4,600,000	\$3,700,000	\$21,451,605	\$46,385,784

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Economic Development

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CD1000001	DOWNTOWN COMMUNITY REINVESTMENT						
Facilitate and assist development of projects within the Downtown Redevelopment Area.							
		Function: Downtown Development					
		Strategic Plan: Economic Development and Education					
		District: 7 & 8					
Construction		5,500,000	2,000,000	2,000,000	2,000,000	2,000,000	\$13,500,000
Project total		\$5,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,500,000
Community Reinvestment		5,500,000	2,000,000	2,000,000	2,000,000	2,000,000	\$13,500,000
Funding total		\$5,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,500,000
CD1000005	KNIFE HOUSE REHABILITATION						
Rehabilitate and stabilize the historic Knipe House near 2nd Street and Portland Street in downtown Phoenix.							
		Function: Economic Development					
		Strategic Plan: Neighborhoods and Livability					
		District: 7					
Construction		10,000	-	-	-	-	\$10,000
Project total		\$10,000	-	-	-	-	\$10,000
Community Reinvestment		10,000	-	-	-	-	\$10,000
Funding total		\$10,000	-	-	-	-	\$10,000
CD1000007	ASU ARIZONA CENTER FOR LAW AND SOCIETY						
Assist in the development of the downtown ASU Law School.							
		Function: Economic Development					
		Strategic Plan: Economic Development and Education					
		District: 7					
Construction		1,500,000	1,500,000	1,500,000	-	-	\$4,500,000
Project total		\$1,500,000	\$1,500,000	\$1,500,000	-	-	\$4,500,000
Community Reinvestment		1,500,000	1,500,000	1,500,000	-	-	\$4,500,000
Funding total		\$1,500,000	\$1,500,000	\$1,500,000	-	-	\$4,500,000
CD1000009	GENOMICS FACILITY						
Provide maintenance, improvements and repair of the TGen building.							
		Function: Downtown Development					
		Strategic Plan: Economic Development and Education					
		District: 8					
Construction		4,000,000	1,800,000	1,100,000	1,700,000	1,700,000	\$10,300,000
Project total		\$4,000,000	\$1,800,000	\$1,100,000	\$1,700,000	\$1,700,000	\$10,300,000
Other Restricted		4,000,000	1,800,000	1,100,000	1,700,000	1,700,000	\$10,300,000
Funding total		\$4,000,000	\$1,800,000	\$1,100,000	\$1,700,000	\$1,700,000	\$10,300,000
CD1000010	WEST FILLMORE MASTER PLANS						
Provide for maintenance and pre-development costs of the West Fillmore Properties.							
		Function: Downtown Development					
		Strategic Plan: Infrastructure					
		District: 7					
Construction		1,500	1,500	-	-	-	\$3,000
Project total		\$1,500	\$1,500	-	-	-	\$3,000
Community Reinvestment		1,500	1,500	-	-	-	\$3,000
Funding total		\$1,500	\$1,500	-	-	-	\$3,000

Economic Development

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CD1000013	PHOENIX BIOMEDICAL CAMPUS						
Enhance the Phoenix Biomedical Campus's visibility, character and marketing opportunities.							
							District: 8
Construction		100,000	-	-	-	-	\$100,000
Project total		\$100,000	-	-	-	-	\$100,000
Other Restricted		100,000	-	-	-	-	\$100,000
Funding total		\$100,000	-	-	-	-	\$100,000
CD1000015	355 NORTH 5TH AVENUE						
Acquire land for the Pappas property.							
							District: 7
Land Acquisition		10,000	2,000	-	-	-	\$12,000
Project total		\$10,000	\$2,000	-	-	-	\$12,000
Community Reinvestment		10,000	2,000	-	-	-	\$12,000
Funding total		\$10,000	\$2,000	-	-	-	\$12,000
CD1000019	ARTIST STOREFRONT PROGRAM						
Stimulate the arts and art-related businesses, and eliminate slum and blight downtown.							
							District: 7 & 8
Construction		-	-	-	-	408,000	\$408,000
Project total		-	-	-	-	\$408,000	\$408,000
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	408,000	\$408,000
Funding total		-	-	-	-	\$408,000	\$408,000
CD1000031	DOWNTOWN RAILROAD QUIET ZONE						
Facilitate permanent railroad quiet zones for downtown area railroad crossings.							
							District: 8
Pre-Design		30,000	-	-	-	-	\$30,000
Project total		\$30,000	-	-	-	-	\$30,000
Arizona Highway User Revenue		15,000	-	-	-	-	\$15,000
Community Reinvestment		15,000	-	-	-	-	\$15,000
Funding total		\$30,000	-	-	-	-	\$30,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Economic Development

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CD30000002	PHOENIX BIOMEDICAL CAMPUS IMPROVEMENTS						
	Construct infrastructure improvements at the Phoenix Biomedical Campus.						
		Function: Downtown Development					
		Strategic Plan: Economic Development and Education					
		District: 8					
	Construction	-	-	-	-	1,600,000	\$1,600,000
	Project total	-	-	-	-	\$1,600,000	\$1,600,000
	2006 Education Bonds	-	-	-	-	800,000	\$800,000
	Community Reinvestment	-	-	-	-	800,000	\$800,000
	Funding total	-	-	-	-	\$1,600,000	\$1,600,000
CD30000005	ASU POST OFFICE						
	Renovate the downtown Post Office facility to accommodate student services.						
		Function: Economic Development					
		Strategic Plan: Economic Development and Education					
		District: 7					
	Construction	-	-	-	-	1,043,000	\$1,043,000
	Project total	-	-	-	-	\$1,043,000	\$1,043,000
	2006 Parks and Open Spaces Bonds	-	-	-	-	1,043,000	\$1,043,000
	Funding total	-	-	-	-	\$1,043,000	\$1,043,000
CD30000009	DOWNTOWN LAND ACQUISITION - HOUSING/MIXED USE						
	Acquire land in the downtown area to assist in the development of residential projects.						
		Function: Economic Development					
		Strategic Plan: Economic Development and Education					
		District: 7 & 8					
	Land Acquisition	-	-	-	-	1,837,000	\$1,837,000
	Project total	-	-	-	-	\$1,837,000	\$1,837,000
	2006 Affordable Housing and Neighborhoods Bonds	-	-	-	-	1,837,000	\$1,837,000
	Funding total	-	-	-	-	\$1,837,000	\$1,837,000
CD30000011	DOWNTOWN GATEWAYS AND OASIS						
	Construct shade structures and signage leading into and around downtown.						
		Function: Downtown Development					
		Strategic Plan: Neighborhoods and Livability					
		District: 7 & 8					
	Construction	-	-	-	-	988,000	\$988,000
	Project total	-	-	-	-	\$988,000	\$988,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	988,000	\$988,000
	Funding total	-	-	-	-	\$988,000	\$988,000

Economic Development

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CD30000012	LIFE SCIENCE RESEARCH PARK						
	Support the development of bioscience research including academic, clinical and office uses.						
							District: 8
	Construction	-	-	-	-	1,188,000	\$1,188,000
	Project total	-	-	-	-	\$1,188,000	\$1,188,000
	2006 Education Bonds	-	-	-	-	1,188,000	\$1,188,000
	Funding total	-	-	-	-	\$1,188,000	\$1,188,000
CD30000015	HOPE VI/RIO SALADO CONNECTORS DOWNTOWN						
	Construct wide sidewalks, attractive and desert appropriate landscaping and decorative and practical lighting to make the area pedestrian-friendly.						
							District: 7 & 8
	Construction	-	-	-	-	3,149,000	\$3,149,000
	Project total	-	-	-	-	\$3,149,000	\$3,149,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	3,149,000	\$3,149,000
	Funding total	-	-	-	-	\$3,149,000	\$3,149,000
CD30000024	ROOSEVELT ROW / EVANS CHURCHILL ENHANCED MUNICIPAL SERVICES DISTRICT STUDY						
	Study the feasibility of a new business improvement district in downtown Phoenix.						
							District: 7 & 8
	Study	20,000	-	-	-	-	\$20,000
	Project total	\$20,000	-	-	-	-	\$20,000
	Community Reinvestment	20,000	-	-	-	-	\$20,000
	Funding total	\$20,000	-	-	-	-	\$20,000
ED10000018	STATE LAND INFRASTRUCTURE PROJECT						
	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.						
							District: Citywide
	Construction	-	-	-	-	198,000	\$198,000
	Project total	-	-	-	-	\$198,000	\$198,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	198,000	\$198,000
	Funding total	-	-	-	-	\$198,000	\$198,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Economic Development

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ED1000019	STATE FAIR REDEVELOPMENT						
Contribute to master planning activities, consulting and acquisition of property for the state fairground relocation, and facilitate redevelopment of the existing fairground site.							
							District: 4 & 7
							Function: Economic Development
							Strategic Plan: Infrastructure
Construction		-	-	-	-	2,584,000	\$2,584,000
Project total		-	-	-	-	\$2,584,000	\$2,584,000
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	2,584,000	\$2,584,000
Funding total		-	-	-	-	\$2,584,000	\$2,584,000
ED1000020	WEST PHOENIX REVITALIZATION						
Facilitate external improvements including facade enhancements, landscaping, lighting, signage and public infrastructure enhancements at existing commercial properties within west Phoenix.							
							District: 1, 4, 5 & 7
							Function: Economic Development
							Strategic Plan: Neighborhoods and Livability
Construction		-	-	-	-	4,382,000	\$4,382,000
Project total		-	-	-	-	\$4,382,000	\$4,382,000
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	4,382,000	\$4,382,000
Funding total		-	-	-	-	\$4,382,000	\$4,382,000
ED3000007	STRATEGIC ECONOMIC DEVELOPMENT FUND						
Support and advance Phoenix's competitive position in the global economy by pursuing redevelopment opportunities in critical areas of the City.							
							District: Citywide
							Function: Economic Development
							Strategic Plan: Economic Development and Education
Construction		150,000	-	-	-	-	\$150,000
Project total		\$150,000	-	-	-	-	\$150,000
Other Restricted		150,000	-	-	-	-	\$150,000
Funding total		\$150,000	-	-	-	-	\$150,000
AR8700007	PHOENIX BIOMEDICAL CAMPUS PERCENT FOR ART						
Construct outdoor artwork for the Phoenix Biomedical Campus.							
							District: 8
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
Construction		9,179	-	-	-	374,605	\$383,784
Project total		\$9,179	-	-	-	\$374,605	\$383,784
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	60,600	\$60,600
2006 Education Bonds		-	-	-	-	168,404	\$168,404
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	3,600	\$3,600
2006 Parks and Open Spaces Bonds		-	-	-	-	25,000	\$25,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	117,001	\$117,001
Water		9,179	-	-	-	-	\$9,179
Funding total		\$9,179	-	-	-	\$374,605	\$383,784



City of Phoenix

Energy Conservation

The \$6.0 million Energy Conservation Program is funded with General, Solid Waste, Wastewater and Water operating funds.

The Energy Conservation Program continues the city of Phoenix efforts at energy conservation that have been in place for more than 20 years. The program is designed to focus efforts on energy efficient retrofits, energy efficient design and management, metering for efficient operations and implementation of new technology.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Energy Conservation
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Energy Projects	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	\$6,000,000
Total	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000
<u>Source of Funds</u>						
<u>Operating Funds</u>						
General Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
Solid Waste	200,000	200,000	200,000	200,000	200,000	\$1,000,000
Wastewater	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Water	200,000	200,000	200,000	200,000	200,000	\$1,000,000
Total Operating Funds	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000
Program Total	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

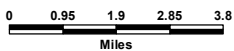
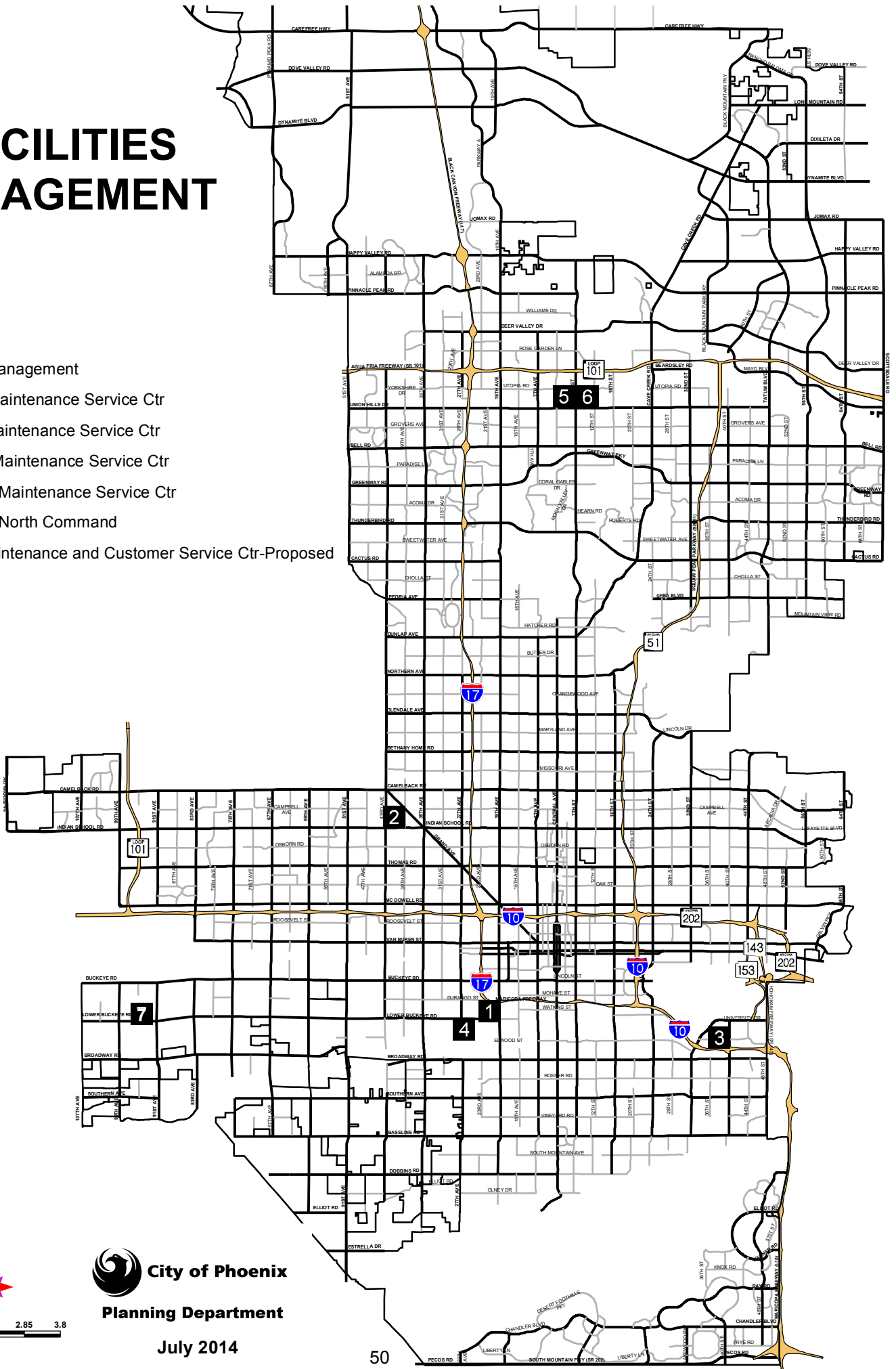
Energy Conservation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW34030060	ENERGY CONSERVATION-CITYWIDE						
Construct citywide energy conservation projects to be determined.						Function: Energy Projects Strategic Plan: Infrastructure District: Citywide	
Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Project total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
General Fund		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Funding total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
PW34030061	ENERGY CONSERVATION-WASTEWATER						
Construct wastewater energy conservation projects to be determined.						Function: Energy Projects Strategic Plan: Infrastructure District: Citywide	
Construction		300,000	300,000	300,000	300,000	300,000	\$1,500,000
	Project total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Wastewater		300,000	300,000	300,000	300,000	300,000	\$1,500,000
	Funding total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
PW34030062	ENERGY CONSERVATION-WATER						
Construct water energy conservation projects to be determined.						Function: Energy Projects Strategic Plan: Infrastructure District: Citywide	
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
	Project total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Water		200,000	200,000	200,000	200,000	200,000	\$1,000,000
	Funding total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
PW34030063	ENERGY CONSERVATION-SOLID WASTE						
Construct solid waste energy conservation projects to be determined.						Function: Energy Projects Strategic Plan: Infrastructure District: Citywide	
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
	Project total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Solid Waste		200,000	200,000	200,000	200,000	200,000	\$1,000,000
	Funding total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

FACILITIES MANAGEMENT

Legend

- 1** Facilities Management
- 2** Glenrosa Maintenance Service Ctr
- 3** Okemah Maintenance Service Ctr
- 4** Salt River Maintenance Service Ctr
- 5** Union Hills Maintenance Service Ctr
- 6** Union Hills North Command
- 7** Estrella Maintenance and Customer Service Ctr-Proposed



City of Phoenix

Planning Department

July 2014

Facilities Management

The Facilities Management program totals \$22.2 million and is funded with General funds, other restricted operating funds, Solid Waste operating funds, 2001 and 2006 General Obligation Bond funds, and other capital funds.

The Facilities Management program includes various projects to make major facility repairs, maintain service centers and city facilities citywide, and upgrade CNG fueling sites.

General Obligation Bond funded projects total \$6.9 million, \$6.7 million of which is delayed indefinitely due to reductions in property tax revenue.

General Obligation Bond funded projects that are delayed indefinitely include:

- Phoenix City Hall System Modernization
- Phoenix City Hall reconfiguration for work space efficiency
- Estrella Service Center Unleaded Fuel Site
- Brownfields Development for environmental-impaired properties

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Facilities Management
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Brownfields Sites	150,000	-	-	-	2,428,129	\$2,578,129
Downtown Facilities Management	615,000	500,000	500,000	500,000	4,450,850	\$6,565,850
Environmental Projects	215,000	-	-	-	-	\$215,000
Equipment Management	6,888,707	-	-	-	185,380	\$7,074,087
Metro-Facilities Management	460,000	540,000	500,000	500,000	500,000	\$2,500,000
Other Facilities	3,085,000	-	-	-	-	\$3,085,000
Percent for Art	-	-	-	-	156,650	\$156,650
Total	\$11,413,707	\$1,040,000	\$1,000,000	\$1,000,000	\$7,721,009	\$22,174,716
<u>Source of Funds</u>						
<u>Operating Funds</u>						
General Fund	1,075,000	1,040,000	1,000,000	1,000,000	1,000,000	\$5,115,000
Other Restricted	1,045,000	-	-	-	-	\$1,045,000
Solid Waste	6,058,707	-	-	-	-	\$6,058,707
Total Operating Funds	\$8,178,707	\$1,040,000	\$1,000,000	\$1,000,000	\$1,000,000	\$12,218,707
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	185,380	\$185,380
2006 General Obligation Bonds	150,000	-	-	-	6,535,629	\$6,685,629
Total Bond Funds	\$150,000	-	-	-	\$6,721,009	\$6,871,009
<u>Other Capital Funds</u>						
Other Capital	3,085,000	-	-	-	-	\$3,085,000
Total Other Capital Funds	\$3,085,000	-	-	-	-	\$3,085,000
Program Total	\$11,413,707	\$1,040,000	\$1,000,000	\$1,000,000	\$7,721,009	\$22,174,716

Facilities Management

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
EP6060000	BROWNFIELDS REDEVELOPMENT						
Acquire, investigate, cleanup, and provide redevelopment assistance for environmentally-impaired properties for city and private projects.							
							Function: Brownfields Sites
							Strategic Plan: Economic Development and Education
							District: Citywide
Land Acquisition		150,000	-	-	-	2,428,129	\$2,578,129
Project total		\$150,000	-	-	-	\$2,428,129	\$2,578,129
2006 Affordable Housing and Neighborhoods Bonds		150,000	-	-	-	2,428,129	\$2,578,129
Funding total		\$150,000	-	-	-	\$2,428,129	\$2,578,129
PW2101002	LEAKING UNDERGROUND STORAGE TANKS/UNDERGROUND STORAGE TANKS REMEDIATION PROGRAM						
Remediate soil contaminated by leaking underground storage tanks.							
							Function: Environmental Projects
							Strategic Plan: Infrastructure
							District: Citywide
Construction		215,000	-	-	-	-	\$215,000
Project total		\$215,000	-	-	-	-	\$215,000
Other Restricted		215,000	-	-	-	-	\$215,000
Funding total		\$215,000	-	-	-	-	\$215,000
PW2101003	PUBLIC WORKS FACILITY EMERGENCY REPAIR						
Provide emergency repairs at City of Phoenix facilities.							
							Function: Metro-Facilities Management
							Strategic Plan: Infrastructure
							District: Citywide
Construction		460,000	540,000	500,000	500,000	500,000	\$2,500,000
Project total		\$460,000	\$540,000	\$500,000	\$500,000	\$500,000	\$2,500,000
General Fund		460,000	540,000	500,000	500,000	500,000	\$2,500,000
Funding total		\$460,000	\$540,000	\$500,000	\$500,000	\$500,000	\$2,500,000
PW2215001	GENOMICS FACILITY						
Provide for maintenance and repair of the Phoenix Biomedical Campus.							
							Function: Other Facilities
							Strategic Plan: Infrastructure
							District: 8
Construction		2,250,000	-	-	-	-	\$2,250,000
Project total		\$2,250,000	-	-	-	-	\$2,250,000
Other Capital		2,250,000	-	-	-	-	\$2,250,000
Funding total		\$2,250,000	-	-	-	-	\$2,250,000
PW2215002	411 N CENTRAL BUILDING MAINTENANCE						
Provide for maintenance and repair at ASU and other related facilities.							
							Function: Other Facilities
							Strategic Plan: Infrastructure
							District: 8
Construction		835,000	-	-	-	-	\$835,000
Project total		\$835,000	-	-	-	-	\$835,000
Other Capital		835,000	-	-	-	-	\$835,000
Funding total		\$835,000	-	-	-	-	\$835,000

Facilities Management

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW23200002	438 BUILDING - HVAC REPLACEMENT						
Replace HVAC rooftop units at the 438 West Adams building.							
						Function: Downtown Facilities Management	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		75,000	-	-	-	-	\$75,000
	Project total	\$75,000	-	-	-	-	\$75,000
General Fund		75,000	-	-	-	-	\$75,000
	Funding total	\$75,000	-	-	-	-	\$75,000
PW23240003	PHOENIX CITY HALL - SYSTEM MODERNIZATION						
Replace critical facility and support systems.							
						Function: Downtown Facilities Management	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		-	-	-	-	2,875,850	\$2,875,850
	Project total	-	-	-	-	\$2,875,850	\$2,875,850
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	2,875,850	\$2,875,850
	Funding total	-	-	-	-	\$2,875,850	\$2,875,850
PW23240004	PHOENIX CITY HALL - SPACE EFFICIENCY / RECONFIGURATION						
Increase work space efficiencies through partial restacking.							
						Function: Downtown Facilities Management	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		-	-	-	-	1,075,000	\$1,075,000
	Project total	-	-	-	-	\$1,075,000	\$1,075,000
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	1,075,000	\$1,075,000
	Funding total	-	-	-	-	\$1,075,000	\$1,075,000
PW23240008	PHOENIX CITY HALL - LIFE AND SAFETY SYSTEM						
Perform preventative maintenance to include repair and replacement of sprinkler piping and alarm system components.							
						Function: Downtown Facilities Management	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Project total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
General Fund		500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Funding total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
PW23290002	PERSONNEL BUILDING - RESEAL SIDEWALK						
Repair sidewalk at the Personnel Building to prevent water leaks into the basement.							
						Function: Downtown Facilities Management	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		40,000	-	-	-	-	\$40,000
	Project total	\$40,000	-	-	-	-	\$40,000
General Fund		40,000	-	-	-	-	\$40,000
	Funding total	\$40,000	-	-	-	-	\$40,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Facilities Management

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW25100001	ESTRELLA SERVICE CENTER UNLEADED FUEL SITE						
Construct an unleaded fuel site at Estrella Service Center.							
Function: Equipment Management						Strategic Plan: Infrastructure	
						District: 7	
Construction		-	-	-	-	185,380	\$185,380
Project total		-	-	-	-	\$185,380	\$185,380
2001 Environmental Improvement and Cleanup Bonds		-	-	-	-	185,380	\$185,380
Funding total		-	-	-	-	\$185,380	\$185,380
PW25100004	SALT RIVER SERVICE COMPRESSED NATURAL GAS UPGRADE						
Upgrade shop lighting, heating and ventilation to comply with Fire Code and construct additional service bays to accommodate increased Solid Waste truck maintenance.							
Function: Equipment Management						Strategic Plan: Infrastructure	
						District: 7	
Construction		588,000	-	-	-	-	\$588,000
Project total		\$588,000	-	-	-	-	\$588,000
Solid Waste		588,000	-	-	-	-	\$588,000
Funding total		\$588,000	-	-	-	-	\$588,000
PW25100005	GLENROSA COMPRESSED NATURAL GAS UPGRADE						
Construct new maintenance facility for compressed natural gas (CNG) Solid Waste vehicles.							
Function: Equipment Management						Strategic Plan: Infrastructure	
						District: 5	
Construction		4,980,707	-	-	-	-	\$4,980,707
Project total		\$4,980,707	-	-	-	-	\$4,980,707
Solid Waste		4,980,707	-	-	-	-	\$4,980,707
Funding total		\$4,980,707	-	-	-	-	\$4,980,707
PW25100007	UNION HILLS SERVICE CENTER COMPRESSED NATURAL GAS UPGRADE						
Upgrade maintenance facility to comply with fire code and construct additional service bays for increased Solid Waste CNG fleet maintenance.							
Function: Equipment Management						Strategic Plan: Infrastructure	
						District: 2	
Construction		490,000	-	-	-	-	\$490,000
Project total		\$490,000	-	-	-	-	\$490,000
Solid Waste		490,000	-	-	-	-	\$490,000
Funding total		\$490,000	-	-	-	-	\$490,000

Facilities Management

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW25100008	FLEET SERVICES FUEL AND INFRASTRUCTURE IMPROVEMENT						
Construct citywide fuel and infrastructure improvement projects to be determined.							
							Function: Equipment Management
							Strategic Plan: Infrastructure
							District: Citywide
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	Construction	830,000	-	-	-	-	\$830,000
	Project total	\$830,000	-	-	-	-	\$830,000
	Other Restricted	830,000	-	-	-	-	\$830,000
	Funding total	\$830,000	-	-	-	-	\$830,000
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AR70200001	PUBLIC WORKS PERCENT FOR ART						
Design and fabricate artwork for Public Works projects.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
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	Construction	-	-	-	-	156,650	\$156,650
	Project total	-	-	-	-	\$156,650	\$156,650
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	156,650	\$156,650
	Funding total	-	-	-	-	\$156,650	\$156,650
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Finance

The Finance program totals \$0.7 million and is funded with capital reserves and various enterprise operating funds. The program includes e-Procurement and budget technology projects.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Finance

Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Finance	669,511	-	-	-	-	\$669,511
Total	\$669,511	-	-	-	-	\$669,511
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Aviation	133,902	-	-	-	-	\$133,902
Solid Waste	33,475	-	-	-	-	\$33,475
Wastewater	46,866	-	-	-	-	\$46,866
Water	153,988	-	-	-	-	\$153,988
Total Operating Funds	\$368,231	-	-	-	-	\$368,231
<u>Other Capital Funds</u>						
Capital Reserves	301,280	-	-	-	-	\$301,280
Total Other Capital Funds	\$301,280	-	-	-	-	\$301,280
Program Total	\$669,511	-	-	-	-	\$669,511

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Finance

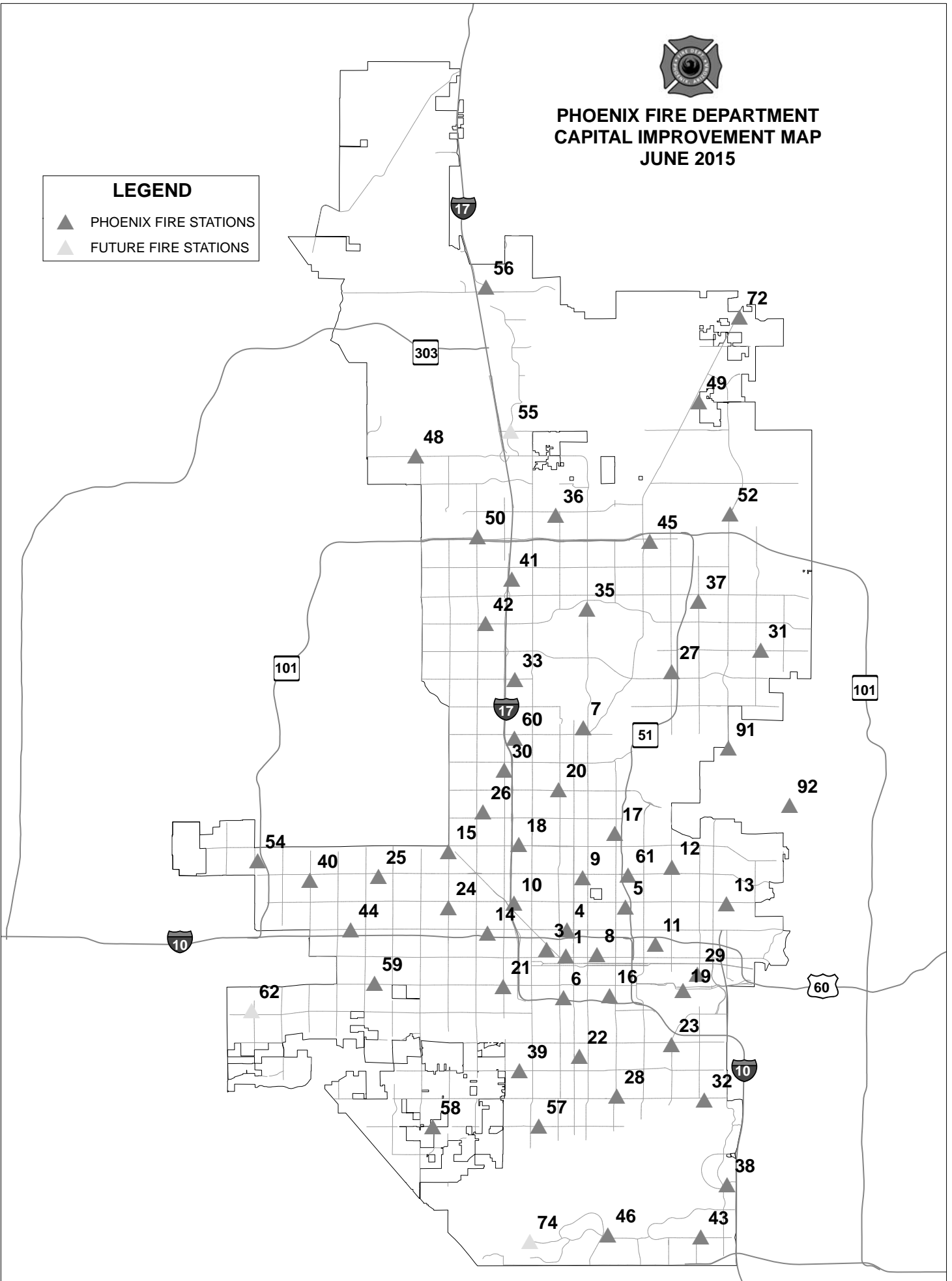
Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
FA10900006	E-PROCUREMENT TRANSPARENCY/BUDGET INTEGRATION						
	Implement E-Procurement and budget systems.						
							Function: Finance
							Strategic Plan: Technology
							District: Citywide
Other		669,511	-	-	-	-	\$669,511
Project total		\$669,511	-	-	-	-	\$669,511
Aviation		133,902	-	-	-	-	\$133,902
Capital Reserves		301,280	-	-	-	-	\$301,280
Solid Waste		33,475	-	-	-	-	\$33,475
Wastewater		46,866	-	-	-	-	\$46,866
Water		153,988	-	-	-	-	\$153,988
Funding total		\$669,511	-	-	-	-	\$669,511



PHOENIX FIRE DEPARTMENT CAPITAL IMPROVEMENT MAP JUNE 2015

LEGEND

- ▲ PHOENIX FIRE STATIONS
- ▲ FUTURE FIRE STATIONS



Fire Protection

The \$30.9 million Fire Protection program is funded with 2001 and 2006 General Obligation Bond funds, development impact fees, Neighborhood Protection, Public Safety Enhancement, Public Safety Expansion, other restricted operating and General funds.

The Fire Protection program includes replacement of the Communications Aided Dispatch (CAD) system.

General Obligation Bond funded projects total \$14.4 million, \$13.9 million of which is delayed indefinitely due to reductions in property tax revenue.

General Obligation Bond funded projects that are delayed indefinitely include:

- New Station 55 near the borders of the Deer Valley and North Gateway villages along the I-17 corridor
- New Station 59 in Estrella Village
- New Station 74 in West Ahwatukee Foothills
- Station 62 in Southwest Phoenix – right-of-way improvements
- Training technology and driver education facility improvements

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Fire Protection
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Communications, Command and Control	14,337,250	-	-	-	-	\$14,337,250
Fire Training	-	-	-	-	299,979	\$299,979
New Fire Station Development	-	-	-	-	15,530,114	\$15,530,114
Opticom System	467,162	-	-	-	-	\$467,162
Percent for Art	-	-	-	-	227,000	\$227,000
Total	\$14,804,412	-	-	-	\$16,057,093	\$30,861,505
<u>Source of Funds</u>						
<u>Operating Funds</u>						
General Fund	3,869,125	-	-	-	-	\$3,869,125
Neighborhood Protection	1,289,709	-	-	-	-	\$1,289,709
Other Restricted	6,600,000	-	-	-	-	\$6,600,000
Public Safety Enhancement	1,288,708	-	-	-	-	\$1,288,708
Public Safety Expansion	1,289,708	-	-	-	-	\$1,289,708
Total Operating Funds	\$14,337,250	-	-	-	-	\$14,337,250
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	1,000,979	\$1,000,979
2006 General Obligation Bonds	467,162	-	-	-	12,905,324	\$13,372,486
Total Bond Funds	\$467,162	-	-	-	\$13,906,303	\$14,373,465
<u>Other Capital Funds</u>						
Impact Fees	-	-	-	-	2,150,790	\$2,150,790
Total Other Capital Funds	-	-	-	-	\$2,150,790	\$2,150,790
Program Total	\$14,804,412	-	-	-	\$16,057,093	\$30,861,505

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Fire Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
FD57100011	FIRE STATION 62 AT 99TH AVENUE AND LOWER BUCKEYE ROAD						
	Improve sidewalks and curbing for the future Fire Station 62 at 99th Avenue and Lower Buckeye Road.						
							District: 7
	Construction	-	-	-	-	598,000	\$598,000
	Project total	-	-	-	-	\$598,000	\$598,000
	2001 Fire Protection Bonds	-	-	-	-	598,000	\$598,000
	Funding total	-	-	-	-	\$598,000	\$598,000
FD57100020	FIRE STATION 74 IN WEST AHWATUKEE FOOTHILLS						
	Design, construct and equip Fire Station 74 in West Ahwatukee Foothills.						
	Estimated full-year ongoing operating costs:	\$1,750,000					
							District: 6
	Construction	-	-	-	-	3,278,690	\$3,278,690
	Design	-	-	-	-	1,083,060	\$1,083,060
	Equipment	-	-	-	-	694,000	\$694,000
	Project total	-	-	-	-	\$5,055,750	\$5,055,750
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	4,754,350	\$4,754,350
	Impact Fees	-	-	-	-	301,400	\$301,400
	Funding total	-	-	-	-	\$5,055,750	\$5,055,750
FD57100021	FIRE STATION 55 ALONG I-17 FREEWAY						
	Design, construct and equip Fire Station 55 along I-17 near the borders of Deer Valley and North Gateway villages.						
	Estimated full-year ongoing operating costs:	\$1,750,000					
							District: 2
	Construction	-	-	-	-	7,292,729	\$7,292,729
	Design	-	-	-	-	1,000,000	\$1,000,000
	Equipment	-	-	-	-	930,000	\$930,000
	Project total	-	-	-	-	\$9,222,729	\$9,222,729
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	7,373,339	\$7,373,339
	Impact Fees	-	-	-	-	1,849,390	\$1,849,390
	Funding total	-	-	-	-	\$9,222,729	\$9,222,729
FD57100022	FIRE STATION 59 IN ESTRELLA VILLAGE						
	Construct Fire Station 59 in Estrella Village.						
							District: 7
	Construction	-	-	-	-	653,635	\$653,635
	Project total	-	-	-	-	\$653,635	\$653,635
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	653,635	\$653,635
	Funding total	-	-	-	-	\$653,635	\$653,635

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Fire Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
FD57120003	PUBLIC SAFETY DRIVER EDUCATION FACILITY						
Equip the Public Safety Driver Education Facility.							
						Function: Fire Training	
						Strategic Plan: Public Safety	
						District: 7	
Equipment		-	-	-	-	98,686	\$98,686
Project total		-	-	-	-	\$98,686	\$98,686
2001 Fire Protection Bonds		-	-	-	-	98,686	\$98,686
Funding total		-	-	-	-	\$98,686	\$98,686
FD57120005	FIREFIGHTER TRAINING TECHNOLOGY						
Acquire technology to improve firefighter training.							
						Function: Fire Training	
						Strategic Plan: Technology	
						District: Citywide	
Equipment		-	-	-	-	201,293	\$201,293
Project total		-	-	-	-	\$201,293	\$201,293
2001 Police, Fire and Computer Technology Bonds		-	-	-	-	201,293	\$201,293
Funding total		-	-	-	-	\$201,293	\$201,293
FD57140006	COMPUTER AIDED DISPATCH (CAD) REPLACEMENT						
Purchase new software and equipment for the CAD system for City of Phoenix and CAD partners.							
						Function: Communications, Command and Control	
						Strategic Plan: Public Safety	
						District: Citywide	
Equipment		10,468,125	-	-	-	-	\$10,468,125
Study		3,869,125	-	-	-	-	\$3,869,125
Project total		\$14,337,250	-	-	-	-	\$14,337,250
General Fund		3,869,125	-	-	-	-	\$3,869,125
Neighborhood Protection		1,289,709	-	-	-	-	\$1,289,709
Other Restricted		6,600,000	-	-	-	-	\$6,600,000
Public Safety Enhancement		1,288,708	-	-	-	-	\$1,288,708
Public Safety Expansion		1,289,708	-	-	-	-	\$1,289,708
Funding total		\$14,337,250	-	-	-	-	\$14,337,250
FD57160004	TRAFFIC PREEMPTION						
Install traffic signal preemption equipment to facilitate rapid emergency vehicle response.							
						Function: Opticom System	
						Strategic Plan: Public Safety	
						District: Citywide	
Equipment		467,162	-	-	-	-	\$467,162
Project total		\$467,162	-	-	-	-	\$467,162
2006 Police, Fire and City Technology Bonds		467,162	-	-	-	-	\$467,162
Funding total		\$467,162	-	-	-	-	\$467,162

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Fire Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR57000007	FIRE STATION 55 PERCENT FOR ART						
Develop enhancements for public areas of the fire station.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: 2	
Construction		-	-	-	-	107,000	\$107,000
Project total		-	-	-	-	\$107,000	\$107,000
2006 Police, Fire and Homeland Security Bonds		-	-	-	-	107,000	\$107,000
Funding total		-	-	-	-	\$107,000	\$107,000
AR57000009	FIRE STATION 74 PERCENT FOR ART						
Develop enhancements for public areas of the fire station.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: 6	
Construction		-	-	-	-	120,000	\$120,000
Project total		-	-	-	-	\$120,000	\$120,000
2001 Fire Protection Bonds		-	-	-	-	103,000	\$103,000
2006 Police, Fire and Homeland Security Bonds		-	-	-	-	17,000	\$17,000
Funding total		-	-	-	-	\$120,000	\$120,000



City of Phoenix

Historic Preservation

The Historic Preservation program totals \$2.6 million and is funded with 2001 and 2006 General Obligation Bond funds.

The Historic Preservation program includes four grant programs that provide matching grants to property owners to rehabilitate their historic properties.

General Obligation Bond funded projects total approximately \$2.6 million, \$1.5 million of which is delayed indefinitely due to property tax revenue reductions.

General Obligation Bond funded projects that are delayed indefinitely include:

- Rehabilitation of historic buildings at Matthew Henson HOPE VI project for parks and youth activities
- Rehabilitation of historic buildings at South Mountain Park

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Historic Preservation
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
City Facilities	-	-	-	-	589,000	\$589,000
Demonstration Projects	79,452	-	-	-	-	\$79,452
Exterior Rehabilitation	734,875	-	-	-	-	\$734,875
Parks Historic Preservation	-	-	-	-	831,600	\$831,600
Percent for Art	10,405	-	-	-	32,154	\$42,559
Threatened Buildings Citywide	353,750	-	-	-	-	\$353,750
Total	\$1,178,482	-	-	-	\$1,452,754	\$2,631,236
<u>Source of Funds</u>						
<u>Bond Funds</u>						
2001 General Obligation Bonds	125,452	-	-	-	589,000	\$714,452
2006 General Obligation Bonds	1,053,030	-	-	-	863,754	\$1,916,784
Total Bond Funds	\$1,178,482	-	-	-	\$1,452,754	\$2,631,236
Program Total	\$1,178,482	-	-	-	\$1,452,754	\$2,631,236

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Historic Preservation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
HP13000001	MATTHEW HENSON HOUSING DEVELOPMENT						
Rehabilitate historic buildings at HOPE VI project for parks and youth activities.							
							District: 8
Construction		-	-	-	-	831,600	\$831,600
Project total		-	-	-	-	\$831,600	\$831,600
2006 Parks and Open Spaces Bonds		-	-	-	-	831,600	\$831,600
Funding total		-	-	-	-	\$831,600	\$831,600
HP20000004	LOW INCOME PROPERTY REHABILITATION						
Provide matching grants for low to moderate-income property owners to rehabilitate historic homes.							
							District: Citywide
Construction		280,000	-	-	-	-	\$280,000
Project total		\$280,000	-	-	-	-	\$280,000
2006 Affordable Housing and Neighborhoods Bonds		280,000	-	-	-	-	\$280,000
Funding total		\$280,000	-	-	-	-	\$280,000
HP20000011	EXTERIOR REHABILITATION GRANT						
Provide grants for exterior rehabilitation.							
							District: Citywide
Construction		89,762	-	-	-	-	\$89,762
Project total		\$89,762	-	-	-	-	\$89,762
2006 Affordable Housing and Neighborhoods Bonds		89,762	-	-	-	-	\$89,762
Funding total		\$89,762	-	-	-	-	\$89,762
HP30000004	SOUTH MOUNTAIN COMPLEX						
Rehabilitate historic buildings at South Mountain Park entrance.							
							District: 8
Construction		-	-	-	-	500,000	\$500,000
Design		-	-	-	-	89,000	\$89,000
Project total		-	-	-	-	\$589,000	\$589,000
2001 Preserving Phoenix Heritage Bonds		-	-	-	-	589,000	\$589,000
Funding total		-	-	-	-	\$589,000	\$589,000
HP70000001	DEMONSTRATION PROJECTS						
Provide matching grants for commercial and institutional property owners to rehabilitate historic properties.							
							District: Citywide
Design		79,452	-	-	-	-	\$79,452
Project total		\$79,452	-	-	-	-	\$79,452
2001 Preserving Phoenix Heritage Bonds		79,452	-	-	-	-	\$79,452
Funding total		\$79,452	-	-	-	-	\$79,452

Historic Preservation

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
HP80000001	THREATENED BUILDINGS REHABILITATION						
Provide matching grants to property owners to rehabilitate threatened historic buildings.							
							Function: Threatened Buildings Citywide Strategic Plan: Neighborhoods and Livability District: Citywide
Construction		353,750	-	-	-	-	\$353,750
Project total		\$353,750	-	-	-	-	\$353,750
2006 Affordable Housing and Neighborhoods Bonds		353,750	-	-	-	-	\$353,750
Funding total		\$353,750	-	-	-	-	\$353,750
HP90000001	EXTERIOR PROPERTY REHABILITATION						
Provide matching grants to private property owners for exterior rehabilitation work on historic residences.							
							Function: Exterior Rehabilitation Strategic Plan: Neighborhoods and Livability District: Citywide
Construction		365,113	-	-	-	-	\$365,113
Project total		\$365,113	-	-	-	-	\$365,113
2001 Neighborhood Protection and Senior Centers Bonds		46,000	-	-	-	-	\$46,000
2006 Affordable Housing and Neighborhoods Bonds		319,113	-	-	-	-	\$319,113
Funding total		\$365,113	-	-	-	-	\$365,113
AR46000002	HISTORIC PRESERVATION PERCENT FOR ART						
Commission artwork for the Historic Preservation Department.							
							Function: Percent for Art Strategic Plan: Neighborhoods and Livability District: Citywide
Construction		-	-	-	-	32,154	\$32,154
Project total		-	-	-	-	\$32,154	\$32,154
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	5,272	\$5,272
2006 Education Bonds		-	-	-	-	4,000	\$4,000
2006 Parks and Open Spaces Bonds		-	-	-	-	22,882	\$22,882
Funding total		-	-	-	-	\$32,154	\$32,154
AR46000003	HISTORIC PHOENIX LANDMARKS II PERCENT FOR ART						
Develop artwork about historic Phoenix landmarks.							
							Function: Percent for Art Strategic Plan: Neighborhoods and Livability District: Citywide
Equipment		10,405	-	-	-	-	\$10,405
Project total		\$10,405	-	-	-	-	\$10,405
2006 Affordable Housing and Neighborhoods Bonds		2,090	-	-	-	-	\$2,090
2006 Education Bonds		8,315	-	-	-	-	\$8,315
Funding total		\$10,405	-	-	-	-	\$10,405



City of Phoenix







HOUSING

HOUSING











AFFORDABLE HOUSING

-  Ambassador West
-  Camelback Properties
-  Cypress Manor
-  Deck Park Vista
-  Desert Meadows
-  Foothills on the Preserve
-  La Cascada I
-  La Cascada II
-  Paradise Greens
-  Red Mountain Springs
-  Sand Dollar
-  Yale Court
-  Windrose Village
-  Paradise Village
-  Sahuaro West
-  Foothills Court
-  Reflections on Portland
-  Park Lee
-  The Summit
-  Pine Crest




SENIOR HOUSING

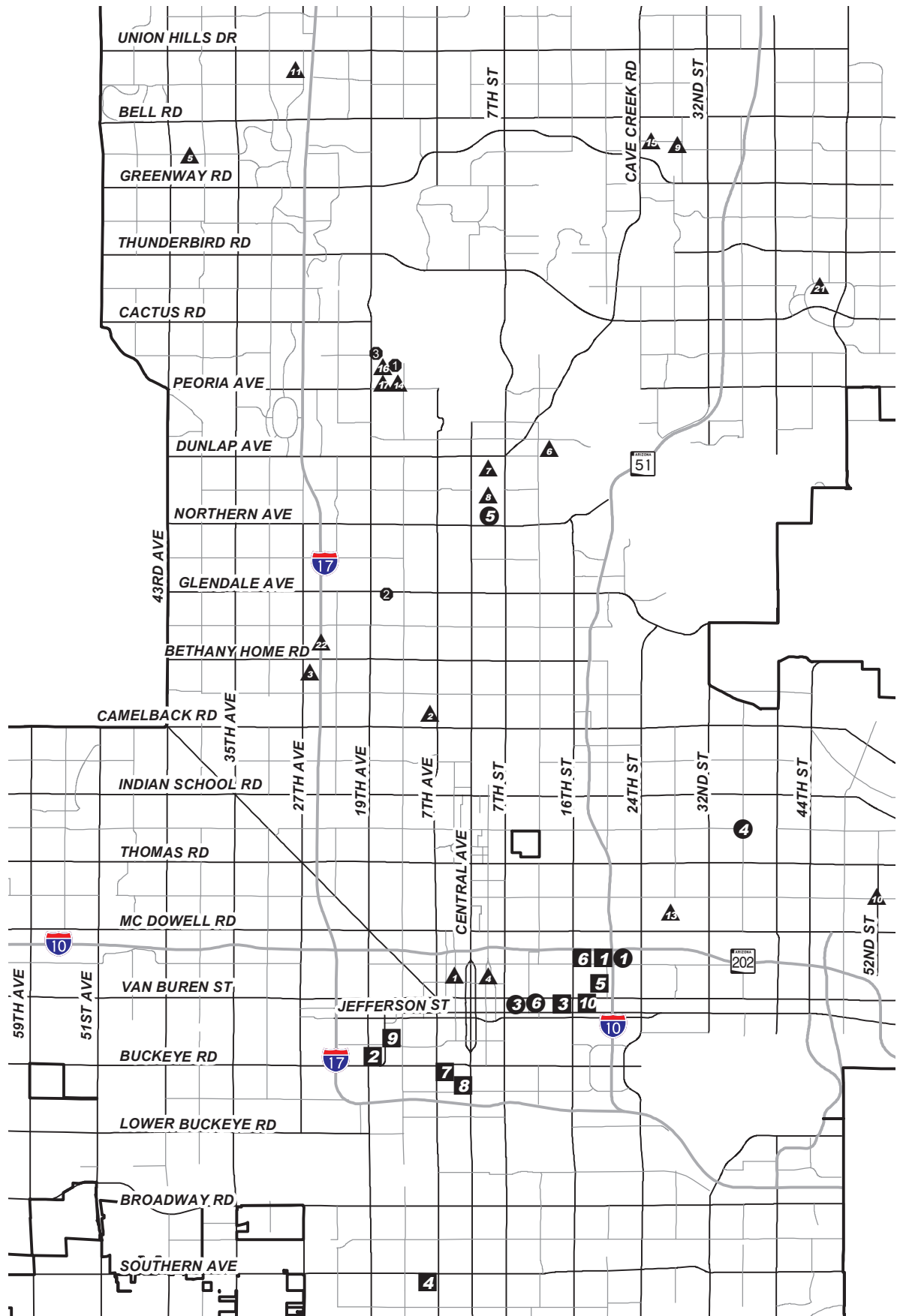
-  Fillmore Gardens
-  Maryvale Parkway Terrace
-  McCarty on Monroe
-  Pine Towers
-  Sunnyslope Manor
-  Washington Manor

CONVENTIONAL HOUSING

-  A.L. Krohn Homes
-  The Symphony
-  A.L. Krohn Homes
-  Foothills Village
-  Frank Luke Homes
-  Aeroterra
-  Marcos de Niza
-  Marcos de Niza Addn
-  Henson Village
-  Sidney P. Osborn Homes

PRIDE

-  Ladera del Norte
-  Sante Fe Springs
-  Whispering Willows



June 2016

Housing

The Housing program totals \$49.5 million and is funded primarily by federal grants and program income, as well as 2006 General Obligation Bond funds and Water Operating funds.

The Housing program provides for the purchase 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.

The program includes repair and renovation work for the East Public Housing, Foothills Village, Fillmore Gardens, Sunnyslope Manor, Maryvale Terrace, Washington Manor, Pine Tower, and Northern Gardens housing sites. The Housing program also administers the Frank Luke Addition, Affordable Housing Development, HOME Community Housing Development Organization, HOME Multifamily and Special Project Loan programs and provides for single family public housing units. General Obligation Bond funds provide \$1.2 million in funding for one project, United Methodist Outreach Ministries New Day Center homeless shelter for families, which is delayed indefinitely due to reductions in property tax revenue.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Affordable Housing Development	300,000	-	-	-	-	\$300,000
HOME Multifamily	8,511,410	2,250,000	2,520,000	2,520,000	2,520,000	\$18,321,410
HOME Special Project	1,200,000	900,000	900,000	900,000	2,121,000	\$6,021,000
HOPE VI	5,124,762	-	-	-	-	\$5,124,762
Housing Remodeling	3,850,712	2,441,635	2,441,635	2,441,635	2,441,635	\$13,617,252
Percent for Art	5,034	-	-	-	-	\$5,034
Rental Housing Development	1,592,970	-	-	-	-	\$1,592,970
Senior Housing Modernization	1,700,000	800,000	800,000	600,000	600,000	\$4,500,000
Total	\$22,284,888	\$6,391,635	\$6,661,635	\$6,461,635	\$7,682,635	\$49,482,428
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Operating Grants	13,080,410	3,950,000	4,220,000	4,020,000	4,020,000	\$29,290,410
Other Restricted	894,571	-	-	-	-	\$894,571
Water	3,084	-	-	-	-	\$3,084
Total Operating Funds	\$13,978,065	\$3,950,000	\$4,220,000	\$4,020,000	\$4,020,000	\$30,188,065
<u>Bond Funds</u>						
2006 General Obligation Bonds	1,950	-	-	-	1,221,000	\$1,222,950
Total Bond Funds	\$1,950	-	-	-	\$1,221,000	\$1,222,950
<u>Other Capital Funds</u>						
Capital Grants	8,304,873	2,441,635	2,441,635	2,441,635	2,441,635	\$18,071,413
Total Other Capital Funds	\$8,304,873	\$2,441,635	\$2,441,635	\$2,441,635	\$2,441,635	\$18,071,413
Program Total	\$22,284,888	\$6,391,635	\$6,661,635	\$6,461,635	\$7,682,635	\$49,482,428

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AH10120080	SUNNYSLOPE MANOR IMPROVEMENTS						
Construct remodeling projects at the Sunnyslope Manor senior housing site located at 205 East Ruth Street.							
		Function: Senior Housing Modernization					
		Strategic Plan: Neighborhoods and Livability					
		District: 6					
Construction		700,000	300,000	300,000	300,000	300,000	\$1,900,000
Project total		\$700,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,900,000
Operating Grants		700,000	300,000	300,000	300,000	300,000	\$1,900,000
Funding total		\$700,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,900,000
AH10120091	FILLMORE GARDENS IMPROVEMENTS						
Repair and renovate the Fillmore Gardens senior housing site located at 802 North 22nd Place.							
		Function: Senior Housing Modernization					
		Strategic Plan: Neighborhoods and Livability					
		District: 8					
Construction		1,000,000	500,000	500,000	300,000	300,000	\$2,600,000
Project total		\$1,000,000	\$500,000	\$500,000	\$300,000	\$300,000	\$2,600,000
Operating Grants		1,000,000	500,000	500,000	300,000	300,000	\$2,600,000
Funding total		\$1,000,000	\$500,000	\$500,000	\$300,000	\$300,000	\$2,600,000
AH10150001	REPAIR AND RENOVATE FOOTHILLS VILLAGE FAMILY APARTMENTS						
Modernize Foothills Village Family Apartments located at 920 West Alta Vista.							
		Function: Housing Remodeling					
		Strategic Plan: Neighborhoods and Livability					
		District: 7					
Construction		645,700	712,735	799,300	394,535	394,535	\$2,946,805
Project total		\$645,700	\$712,735	\$799,300	\$394,535	\$394,535	\$2,946,805
Capital Grants		645,700	712,735	799,300	394,535	394,535	\$2,946,805
Funding total		\$645,700	\$712,735	\$799,300	\$394,535	\$394,535	\$2,946,805
AH10150002	REPAIR AND RENOVATE MARYVALE TERRACE SENIOR APARTMENTS						
Modernize Maryvale Terrace Senior Apartments located at 4545 North Maryvale Parkway.							
		Function: Housing Remodeling					
		Strategic Plan: Neighborhoods and Livability					
		District: 5					
Construction		86,635	86,000	320,000	220,000	220,000	\$932,635
Project total		\$86,635	\$86,000	\$320,000	\$220,000	\$220,000	\$932,635
Capital Grants		86,635	86,000	320,000	220,000	220,000	\$932,635
Funding total		\$86,635	\$86,000	\$320,000	\$220,000	\$220,000	\$932,635
AH10150003	REPAIR AND RENOVATE SINGLE FAMILY PUBLIC HOUSING UNITS						
Modernize public housing units citywide.							
		Function: Housing Remodeling					
		Strategic Plan: Neighborhoods and Livability					
		District: Citywide					
Construction		130,000	135,000	194,535	150,000	150,000	\$759,535
Project total		\$130,000	\$135,000	\$194,535	\$150,000	\$150,000	\$759,535
Capital Grants		130,000	135,000	194,535	150,000	150,000	\$759,535
Funding total		\$130,000	\$135,000	\$194,535	\$150,000	\$150,000	\$759,535

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AH10150004	REPAIR AND RENOVATE FAMILY APARTMENTS						
Modernize public housing units.							
						Function: Housing Remodeling	
						Strategic Plan: Neighborhoods and Livability	
						District: 8	
Construction		580,000	45,000	86,000	839,000	839,000	\$2,389,000
Project total		\$580,000	\$45,000	\$86,000	\$839,000	\$839,000	\$2,389,000
Capital Grants		580,000	45,000	86,000	839,000	839,000	\$2,389,000
Funding total		\$580,000	\$45,000	\$86,000	\$839,000	\$839,000	\$2,389,000
AH10150005	REPAIR AND RENOVATE WASHINGTON MANOR SENIOR APARTMENTS						
Modernize Washington Manor Senior Apartments located at 1123 East Monroe Street.							
						Function: Housing Remodeling	
						Strategic Plan: Neighborhoods and Livability	
						District: 8	
Construction		227,900	154,000	85,000	68,000	68,000	\$602,900
Project total		\$227,900	\$154,000	\$85,000	\$68,000	\$68,000	\$602,900
Capital Grants		227,900	154,000	85,000	68,000	68,000	\$602,900
Funding total		\$227,900	\$154,000	\$85,000	\$68,000	\$68,000	\$602,900
AH10150006	REPAIR AND RENOVATE PINE TOWER SENIOR APARTMENTS						
Modernize Pine Tower Senior Apartments located at 2936 North 36th Street.							
						Function: Housing Remodeling	
						Strategic Plan: Neighborhoods and Livability	
						District: 8	
Construction		89,635	440,000	250,000	54,000	54,000	\$887,635
Project total		\$89,635	\$440,000	\$250,000	\$54,000	\$54,000	\$887,635
Capital Grants		89,635	440,000	250,000	54,000	54,000	\$887,635
Funding total		\$89,635	\$440,000	\$250,000	\$54,000	\$54,000	\$887,635
AH10150007	CAPITAL FUND PROGRAM LABOR COSTS						
Provide for citywide labor costs associated with grant funds.							
						Function: Housing Remodeling	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Other		1,500,442	192,000	65,400	160,000	160,000	\$2,077,842
Project total		\$1,500,442	\$192,000	\$65,400	\$160,000	\$160,000	\$2,077,842
Capital Grants		1,500,442	192,000	65,400	160,000	160,000	\$2,077,842
Funding total		\$1,500,442	\$192,000	\$65,400	\$160,000	\$160,000	\$2,077,842
AH10150008	CAPITAL FUND PROGRAM ADMINISTRATION						
Provide for citywide administration costs associated with grant funds.							
						Function: Housing Remodeling	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Other		244,100	244,100	244,100	244,100	244,100	\$1,220,500
Project total		\$244,100	\$244,100	\$244,100	\$244,100	\$244,100	\$1,220,500
Capital Grants		244,100	244,100	244,100	244,100	244,100	\$1,220,500
Funding total		\$244,100	\$244,100	\$244,100	\$244,100	\$244,100	\$1,220,500

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AH20620001	RENTAL HOUSING DEVELOPMENT LOAN PROGRAM						
	Provide for construction costs related to new loan programs as leverage for affordable properties.						
	Function: Rental Housing Development						
	Strategic Plan: Neighborhoods and Livability						
	District: Citywide						
Construction		1,592,970	-	-	-	-	\$1,592,970
Project total		\$1,592,970	-	-	-	-	\$1,592,970
Capital Grants		998,399	-	-	-	-	\$998,399
Other Restricted		594,571	-	-	-	-	\$594,571
Funding total		\$1,592,970	-	-	-	-	\$1,592,970
AH20640001	UNITED METHODIST OUTREACH MINISTRIES (UMOM) NEW DAY CENTER						
	Construct new transitional housing units at the United Methodist Outreach Ministries - New Day Center located at 3333 East Van Buren.						
	Function: HOME Special Project						
	Strategic Plan: Neighborhoods and Livability						
	District: 8						
Construction		-	-	-	-	1,221,000	\$1,221,000
Project total		-	-	-	-	\$1,221,000	\$1,221,000
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	1,221,000	\$1,221,000
Funding total		-	-	-	-	\$1,221,000	\$1,221,000
AH30100000	HOME MULTIFAMILY LOAN PROGRAM						
	Provide HOME grant funds to nonprofit organizations for construction costs of affordable housing properties.						
	Function: HOME Multifamily						
	Strategic Plan: Neighborhoods and Livability						
	District: Citywide						
Construction		6,841,410	2,250,000	2,520,000	2,520,000	2,520,000	\$16,651,410
Project total		\$6,841,410	\$2,250,000	\$2,520,000	\$2,520,000	\$2,520,000	\$16,651,410
Operating Grants		6,841,410	2,250,000	2,520,000	2,520,000	2,520,000	\$16,651,410
Funding total		\$6,841,410	\$2,250,000	\$2,520,000	\$2,520,000	\$2,520,000	\$16,651,410
AH30100007	29 PALMS APARTMENTS						
	Conduct a second phase of rehabilitation of 21 affordable housing rental units at 4901 East Holly Street, including energy improvements.						
	Function: HOME Multifamily						
	Strategic Plan: Neighborhoods and Livability						
	District: 6						
Construction		170,000	-	-	-	-	\$170,000
Project total		\$170,000	-	-	-	-	\$170,000
Operating Grants		170,000	-	-	-	-	\$170,000
Funding total		\$170,000	-	-	-	-	\$170,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AH30100008	NORTHERN GARDENS PHASE I						
	Provide gap financing for a new Low Income Housing Tax Credit 66-unit multi-family apartment community designed for seniors and disabled persons. Supportive services will be provided.						
							Function: HOME Multifamily
							Strategic Plan: Neighborhoods and Livability
							District: 5
Construction		1,500,000	-	-	-	-	\$1,500,000
Project total		\$1,500,000	-	-	-	-	\$1,500,000
Operating Grants		1,500,000	-	-	-	-	\$1,500,000
Funding total		\$1,500,000	-	-	-	-	\$1,500,000
AH30400000	HOME PROGRAM INCOME PROJECTS						
	Provide HOME grant funds to nonprofit organizations for construction costs of affordable housing properties.						
							Function: HOME Special Project
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		1,200,000	900,000	900,000	900,000	900,000	\$4,800,000
Project total		\$1,200,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,800,000
Operating Grants		1,200,000	900,000	900,000	900,000	900,000	\$4,800,000
Funding total		\$1,200,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,800,000
AH60100001	FRANK LUKE ADDITION ADMINISTRATIVE COSTS						
	Provide for administrative costs associated with the Frank Luke Addition.						
							Function: HOPE VI
							Strategic Plan: Neighborhoods and Livability
							District: 8
Other		1,215,000	-	-	-	-	\$1,215,000
Project total		\$1,215,000	-	-	-	-	\$1,215,000
Operating Grants		1,215,000	-	-	-	-	\$1,215,000
Funding total		\$1,215,000	-	-	-	-	\$1,215,000
AH60100004	FRANK LUKE ADDITION CSS						
	Provide for case management services for residents of Frank Luke Addition.						
							Function: HOPE VI
							Strategic Plan: Social Services Delivery
							District: 8
Other		454,000	-	-	-	-	\$454,000
Project total		\$454,000	-	-	-	-	\$454,000
Operating Grants		454,000	-	-	-	-	\$454,000
Funding total		\$454,000	-	-	-	-	\$454,000
AH60100020	HOPE VI FRANK LUKE ADDITION PHASE II						
	Construct a 56 unit multi-family mixed income rental housing development.						
							Function: HOPE VI
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		2,100,000	-	-	-	-	\$2,100,000
Project total		\$2,100,000	-	-	-	-	\$2,100,000
Capital Grants		2,100,000	-	-	-	-	\$2,100,000
Funding total		\$2,100,000	-	-	-	-	\$2,100,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Housing

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AH60100030	HOPE VI FRANK LUKE ADDITION PHASE III						
	Construct a 74 unit multi-family mixed income rental housing development.						
							Function: HOPE VI
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		1,355,762	-	-	-	-	\$1,355,762
Project total		\$1,355,762	-	-	-	-	\$1,355,762
Capital Grants		1,355,762	-	-	-	-	\$1,355,762
Funding total		\$1,355,762	-	-	-	-	\$1,355,762
AR88000005	MATTHEW A. HENSON/HOPE VI HOUSING PROJECT PERCENT FOR ART						
	Complete installation of gates and fences for community gardens.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		5,034	-	-	-	-	\$5,034
Project total		\$5,034	-	-	-	-	\$5,034
2006 Affordable Housing and Neighborhoods Bonds		1,950	-	-	-	-	\$1,950
Water		3,084	-	-	-	-	\$3,084
Funding total		\$5,034	-	-	-	-	\$5,034

Human Services

The \$13.3 million Human Services program is funded with 2001 and 2006 General Obligation Bond funds, and Wastewater operating funds.

The Human Services program includes various projects to improve senior and family service centers citywide, as well as renovations to a portion of the family advocacy center to enhance services provided to the community.

General Obligation Bond funded projects total approximately \$13.2 million, \$12.6 million of which is delayed indefinitely due to reductions in property tax revenue.

General Obligation Bond funded projects that are delayed indefinitely include:

- Construction of 51st Avenue Senior Center
- Land acquisition for 16th Street Senior Center
- Renovate an existing space for a family services presence in the North Valley
- Design, construct and equip the Southwest Family Services Center
- Assistance to co-locate Native American Connections, Phoenix Indian Center and Native Health to provide human services in one central location
- Renovate a portion of the Family Advocacy Center

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Human Services
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Community Services Projects	-	-	-	-	5,904,757	\$5,904,757
Family Advocacy Center	-	-	-	-	1,495,276	\$1,495,276
Nonprofit Projects	-	-	-	-	1,641,000	\$1,641,000
Percent for Art	-	30,000	-	-	57,263	\$87,263
Senior Services Projects	600,000	-	-	-	3,533,540	\$4,133,540
Total	\$600,000	\$30,000	-	-	\$12,631,836	\$13,261,836
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Wastewater	-	30,000	-	-	-	\$30,000
Total Operating Funds	-	\$30,000	-	-	-	\$30,000
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	5,944,927	\$5,944,927
2006 General Obligation Bonds	600,000	-	-	-	6,686,909	\$7,286,909
Total Bond Funds	\$600,000	-	-	-	\$12,631,836	\$13,231,836
Program Total	\$600,000	\$30,000	-	-	\$12,631,836	\$13,261,836

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Human Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
HS60050001	51ST AVENUE SENIOR CENTER						
	Design and construct a new 12,000 square foot multi-purpose senior center to be located adjacent to the new Southwest Family Services Center.						
							District: 7
	Estimated full-year ongoing operating costs:	\$920,000					
	Construction	-	-	-	-	1,889,540	\$1,889,540
	Design	600,000	-	-	-	-	\$600,000
	Project total	\$600,000	-	-	-	\$1,889,540	\$2,489,540
	2006 Libraries, Senior and Cultural Centers Bonds	600,000	-	-	-	1,889,540	\$2,489,540
	Funding total	\$600,000	-	-	-	\$1,889,540	\$2,489,540
HS60050002	16TH STREET SENIOR CENTER						
	Purchase land for construction of a new 12,000 square foot multi-purpose senior center near 16th Street and Ocotillo Road.						
							District: 6
	Land Acquisition	-	-	-	-	1,644,000	\$1,644,000
	Project total	-	-	-	-	\$1,644,000	\$1,644,000
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	1,644,000	\$1,644,000
	Funding total	-	-	-	-	\$1,644,000	\$1,644,000
HS80050005	NORTH FAMILY SERVICES CENTER						
	Renovate an existing space for a family services presence in the North Valley.						
							District: 2
	Construction	-	-	-	-	229,447	\$229,447
	Design	-	-	-	-	412,546	\$412,546
	Project total	-	-	-	-	\$641,993	\$641,993
	2001 Neighborhood Protection and Senior Centers Bonds	-	-	-	-	641,993	\$641,993
	Funding total	-	-	-	-	\$641,993	\$641,993
HS80050007	SOUTHWEST FAMILY SERVICES CENTER						
	Design, construct and equip the Southwest Family Services Center.						
							District: 7
	Estimated full-year ongoing operating costs:	\$2,580,000					
	Construction	-	-	-	-	4,722,764	\$4,722,764
	Design	-	-	-	-	500,000	\$500,000
	Equipment	-	-	-	-	40,000	\$40,000
	Project total	-	-	-	-	\$5,262,764	\$5,262,764
	2001 Neighborhood Protection and Senior Centers Bonds	-	-	-	-	5,262,764	\$5,262,764
	Funding total	-	-	-	-	\$5,262,764	\$5,262,764

Human Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
HS99000003	NATIVE AMERICAN BUSINESS AND CULTURAL CENTER						
	Assist with a project to co-locate Native American Connections, Phoenix Indian Center and Native Health to provide human services in one central location.						
							District: Citywide
	Land Acquisition	-	-	-	-	1,641,000	\$1,641,000
	Project total	-	-	-	-	\$1,641,000	\$1,641,000
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	1,641,000	\$1,641,000
	Funding total	-	-	-	-	\$1,641,000	\$1,641,000
PD00000041	FAMILY ADVOCACY CENTER						
	Renovate a portion of the Family Advocacy Center.						
							District: 4
	Construction	-	-	-	-	1,495,276	\$1,495,276
	Project total	-	-	-	-	\$1,495,276	\$1,495,276
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	1,495,276	\$1,495,276
	Funding total	-	-	-	-	\$1,495,276	\$1,495,276
AR89000003	SOUTHWEST FAMILY SERVICE CENTER PERCENT FOR ART						
	Design and install a terrazzo floor for the new center at 51st Avenue and Lower Buckeye Road.						
							District: 7
	Construction	-	30,000	-	-	57,263	\$87,263
	Project total	-	\$30,000	-	-	\$57,263	\$87,263
	2001 Neighborhood Protection and Senior Centers Bonds	-	-	-	-	40,170	\$40,170
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	17,093	\$17,093
	Wastewater	-	30,000	-	-	-	\$30,000
	Funding total	-	\$30,000	-	-	\$57,263	\$87,263

Information Technology

The \$96.0 million Information Technology program is funded with 2001 and 2006 General Obligation Bond funds, enterprise operating funds, Transit 2000 and Transportation 2050 revenues, nonprofit corporation bonds funds, capital reserves and General funds.

The Information Technology program includes replacing the outdated telephone system and data network, enhancement of the city's business intelligence and business analysis capabilities, and replacing FCC mandated equipment with 700 MHz radios and consoles.

General Obligation Bond funded projects total \$5.1 million, all of which is delayed indefinitely due to reductions of property tax revenue.

General Obligation Bond funded projects that are delayed indefinitely due to reductions of property tax revenue include:

- Integrate e-government telephone and online services
- Improve the city's Geographic Information System
- Improve accessible voting
- Wireless system security
- Future enhancements to business continuity and data center operations

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
Citywide Projects	9,996,127	6,594,234	5,144,311	3,599,943	2,500,000	\$27,834,615
Debt Service	800,000	-	-	-	-	\$800,000
Election Projects	-	-	-	-	595,000	\$595,000
Financial System Projects	101,961	-	-	-	-	\$101,961
GIS	-	-	-	-	1,777,492	\$1,777,492
Network Support	396,344	-	-	-	653,383	\$1,049,727
Phoenix Web	-	-	-	-	1,060,000	\$1,060,000
Technology Management	375,431	-	-	-	949,259	\$1,324,690
Telecommunications	46,277,536	9,118,086	2,000,000	2,000,000	2,104,227	\$61,499,849
Total	\$57,947,399	\$15,712,320	\$7,144,311	\$5,599,943	\$9,639,361	\$96,043,334
Source of Funds						
<u>Operating Funds</u>						
Aviation	1,179,995	389,288	269,542	148,393	148,393	\$2,135,611
Development Services	356,797	190,491	115,649	45,801	45,801	\$754,539
General Fund	4,281,488	2,934,796	4,429,779	3,950,669	3,950,669	\$19,547,401
Solid Waste	1,311,072	873,468	499,261	101,500	101,500	\$2,886,801
Transit 2000	70,698	54,898	24,961	-	-	\$150,557
Transportation 2050	199,081	159,581	84,739	-	-	\$443,401
Wastewater	385,907	101,455	101,455	101,455	101,455	\$791,727
Water	1,478,355	894,343	535,103	152,182	152,182	\$3,212,165
Total Operating Funds	\$9,263,393	\$5,598,320	\$6,060,489	\$4,500,000	\$4,500,000	\$29,922,202
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	352,033	\$352,033
2006 General Obligation Bonds	-	-	-	-	4,787,328	\$4,787,328
Nonprofit Corporation Bonds - Other	47,884,006	10,114,000	1,083,822	1,099,943	-	\$60,181,771
Total Bond Funds	\$47,884,006	\$10,114,000	\$1,083,822	\$1,099,943	\$5,139,361	\$65,321,132
<u>Other Capital Funds</u>						
Capital Reserves	800,000	-	-	-	-	\$800,000
Total Other Capital Funds	\$800,000	-	-	-	-	\$800,000
Program Total	\$57,947,399	\$15,712,320	\$7,144,311	\$5,599,943	\$9,639,361	\$96,043,334

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CK10002006	ELECTIONS ACCESSIBLE VOTING						
	Purchase equipment to expand availability of accessible voting.						
	Estimated full-year ongoing operating costs:	\$3,000					
	Equipment	-	-	-	-	595,000	\$595,000
	Project total	-	-	-	-	\$595,000	\$595,000
	2006 Police, Fire and City Technology Bonds	-	-	-	-	595,000	\$595,000
	Funding total	-	-	-	-	\$595,000	\$595,000
FA10700002	TAX AND LICENSE INFORMATION SYSTEM (TALIS)						
	Implement a replacement tax and license information system.						
	Other	101,961	-	-	-	-	\$101,961
	Project total	\$101,961	-	-	-	-	\$101,961
	Nonprofit Corporation Bonds - Other	101,961	-	-	-	-	\$101,961
	Funding total	\$101,961	-	-	-	-	\$101,961
IT00000001	CYBERSECURITY						
	Enhance security of critical city information technology infrastructure and systems.						
	Equipment	1,150,000	-	-	-	-	\$1,150,000
	Project total	\$1,150,000	-	-	-	-	\$1,150,000
	Aviation	468,395	-	-	-	-	\$468,395
	General Fund	220,685	-	-	-	-	\$220,685
	Solid Waste	153,640	-	-	-	-	\$153,640
	Wastewater	122,902	-	-	-	-	\$122,902
	Water	184,378	-	-	-	-	\$184,378
	Funding total	\$1,150,000	-	-	-	-	\$1,150,000
IT00000005	SQL DATABASE CLOUD SERVICES						
	Implement MS SQL database services to support city applications and phoenix.gov.						
	Equipment	190,000	-	-	-	-	\$190,000
	Project total	\$190,000	-	-	-	-	\$190,000
	Aviation	27,648	-	-	-	-	\$27,648
	Development Services	3,670	-	-	-	-	\$3,670
	General Fund	91,756	-	-	-	-	\$91,756
	Solid Waste	12,878	-	-	-	-	\$12,878
	Wastewater	21,619	-	-	-	-	\$21,619
	Water	32,429	-	-	-	-	\$32,429
	Funding total	\$190,000	-	-	-	-	\$190,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
IT00000006	ACCESS MANAGEMENT						
Increase security of city information technology infrastructure and systems by strengthening access management capabilities.							Function: Citywide Projects
							Strategic Plan: Technology
							District: Citywide
Equipment		868,001	-	-	-	-	\$868,001
Project total		\$868,001	-	-	-	-	\$868,001
Aviation		51,414	-	-	-	-	\$51,414
Development Services		15,314	-	-	-	-	\$15,314
General Fund		677,811	-	-	-	-	\$677,811
Solid Waste		35,282	-	-	-	-	\$35,282
Wastewater		35,277	-	-	-	-	\$35,277
Water		52,903	-	-	-	-	\$52,903
Funding total		\$868,001	-	-	-	-	\$868,001
IT00000007	CUSTOMER RELATIONSHIP MANAGEMENT (CRM)						
Replace existing city listserve and study options for a citywide customer relationship management system.							Function: Citywide Projects
							Strategic Plan: Technology
							District: Citywide
Equipment		373,929	-	-	-	-	\$373,929
Project total		\$373,929	-	-	-	-	\$373,929
Aviation		54,413	-	-	-	-	\$54,413
Development Services		7,221	-	-	-	-	\$7,221
General Fund		180,580	-	-	-	-	\$180,580
Solid Waste		25,346	-	-	-	-	\$25,346
Wastewater		42,548	-	-	-	-	\$42,548
Water		63,821	-	-	-	-	\$63,821
Funding total		\$373,929	-	-	-	-	\$373,929
IT00000009	LARGE DATA - BUSINESS INTELLIGENCE						
Enhance the city's business intelligence and business analysis capabilities.							Function: Citywide Projects
Estimated full-year ongoing operating costs: \$1,921,210							Strategic Plan: Technology
							District: Citywide
Equipment		3,847,320	3,057,320	1,560,489	-	-	\$8,465,129
Project total		\$3,847,320	\$3,057,320	\$1,560,489	-	-	\$8,465,129
Aviation		304,095	240,895	121,149	-	-	\$666,139
Development Services		184,190	144,690	69,848	-	-	\$398,728
General Fund		1,188,027	943,127	479,110	-	-	\$2,610,264
Solid Waste		969,469	771,968	397,761	-	-	\$2,139,198
Transit 2000		70,698	54,898	24,961	-	-	\$150,557
Transportation 2050		199,081	159,581	84,739	-	-	\$443,401
Water		931,760	742,161	382,921	-	-	\$2,056,842
Funding total		\$3,847,320	\$3,057,320	\$1,560,489	-	-	\$8,465,129

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
IT00000010	MICROWAVE REPLACEMENT						
Replace obsolete microwave infrastructure supporting city networks, including data, voice, process control and public safety communications.							Function: Citywide Projects
							Strategic Plan: Technology
							District: Citywide
Equipment		1,127,165	1,036,914	1,083,822	1,099,943	-	\$4,347,844
Project total		\$1,127,165	\$1,036,914	\$1,083,822	\$1,099,943	-	\$4,347,844
Nonprofit Corporation Bonds - Other		1,127,165	1,036,914	1,083,822	1,099,943	-	\$4,347,844
Funding total		\$1,127,165	\$1,036,914	\$1,083,822	\$1,099,943	-	\$4,347,844
IT00000011	TECHNOLOGY PROJECTS						
Fund citywide technology projects.							Function: Citywide Projects
							Strategic Plan: Technology
							District: Citywide
Equipment		2,096,631	2,500,000	2,500,000	2,500,000	2,500,000	\$12,096,631
Project total		\$2,096,631	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,096,631
Aviation		124,450	148,393	148,393	148,393	148,393	\$718,022
Development Services		38,411	45,801	45,801	45,801	45,801	\$221,615
General Fund		1,635,934	1,950,669	1,950,669	1,950,669	1,950,669	\$9,438,610
Solid Waste		85,123	101,500	101,500	101,500	101,500	\$491,123
Wastewater		85,085	101,455	101,455	101,455	101,455	\$490,905
Water		127,628	152,182	152,182	152,182	152,182	\$736,356
Funding total		\$2,096,631	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,096,631
IT00000012	PEOPLESOFT HCM 9.2 UPGRADE						
Upgrade the City's PeopleSoft (eCHRIS) software to ensure the City is on a supported application.							Function: Citywide Projects
							Strategic Plan: Technology
							District: Citywide
Equipment		343,081	-	-	-	-	\$343,081
Project total		\$343,081	-	-	-	-	\$343,081
Aviation		20,364	-	-	-	-	\$20,364
Development Services		6,285	-	-	-	-	\$6,285
General Fund		267,695	-	-	-	-	\$267,695
Solid Waste		13,929	-	-	-	-	\$13,929
Wastewater		13,924	-	-	-	-	\$13,924
Water		20,884	-	-	-	-	\$20,884
Funding total		\$343,081	-	-	-	-	\$343,081
IT10101000	E-GOVERNMENT ENHANCEMENTS						
Provide improved customer service by integrating e-government telephone and online services.							Function: Phoenix Web
							Strategic Plan: Technology
							District: Citywide
Estimated full-year ongoing operating costs:		\$34,000					
Equipment		-	-	-	-	1,060,000	\$1,060,000
Project total		-	-	-	-	\$1,060,000	\$1,060,000
2006 Police, Fire and City Technology Bonds		-	-	-	-	1,060,000	\$1,060,000
Funding total		-	-	-	-	\$1,060,000	\$1,060,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
IT10200002	SECURITY MANAGEMENT						
	Acquire information security management software tools and associated hardware.						
	Estimated full-year ongoing operating costs:	\$232,300					
	Equipment	-	-	-	-	31,046	\$31,046
	Project total	-	-	-	-	\$31,046	\$31,046
	2001 Police, Fire and Computer Technology Bonds	-	-	-	-	31,046	\$31,046
	Funding total	-	-	-	-	\$31,046	\$31,046
IT10201000	BUSINESS DATA LIFECYCLE MANAGEMENT TOOLS						
	Enhance the city's ability to continue operations and services within a reasonable time in case of emergency or disaster.						
	Estimated full-year ongoing operating costs:	\$348,000					
	Equipment	307,801	-	-	-	534,000	\$841,801
	Project total	\$307,801	-	-	-	\$534,000	\$841,801
	2006 Police, Fire and City Technology Bonds	-	-	-	-	534,000	\$534,000
	Aviation	106,236	-	-	-	-	\$106,236
	Development Services	82,776	-	-	-	-	\$82,776
	Solid Waste	12,665	-	-	-	-	\$12,665
	Wastewater	53,062	-	-	-	-	\$53,062
	Water	53,062	-	-	-	-	\$53,062
	Funding total	\$307,801	-	-	-	\$534,000	\$841,801
IT10201100	ALTERNATE INFORMATION TECHNOLOGY OPERATIONS CENTER						
	Establish a secondary equipment data center to ensure business continuity.						
	Estimated full-year ongoing operating costs:	\$124,000					
	Equipment	67,630	-	-	-	384,213	\$451,843
	Project total	\$67,630	-	-	-	\$384,213	\$451,843
	2006 Police, Fire and City Technology Bonds	-	-	-	-	384,213	\$384,213
	Aviation	22,980	-	-	-	-	\$22,980
	Development Services	18,930	-	-	-	-	\$18,930
	Solid Waste	2,740	-	-	-	-	\$2,740
	Wastewater	11,490	-	-	-	-	\$11,490
	Water	11,490	-	-	-	-	\$11,490
	Funding total	\$67,630	-	-	-	\$384,213	\$451,843

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Information Technology

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
IT20101100	IDENTITY MANAGEMENT						
	Implement processes and technology to secure user identities in city systems.						
	Estimated full-year ongoing operating costs:	\$14,000					
	Equipment	396,344	-	-	-	341,213	\$737,557
	Project total	\$396,344	-	-	-	\$341,213	\$737,557
	2001 Police, Fire and Computer Technology Bonds	-	-	-	-	216,760	\$216,760
	2006 Police, Fire and City Technology Bonds	-	-	-	-	124,453	\$124,453
	Nonprofit Corporation Bonds - Other	396,344	-	-	-	-	\$396,344
	Funding total	\$396,344	-	-	-	\$341,213	\$737,557
IT20101101	WIRELESS ACCESS						
	Secure city wireless infrastructure to establish public broadband hot spots.						
	Equipment	-	-	-	-	312,170	\$312,170
	Project total	-	-	-	-	\$312,170	\$312,170
	2006 Police, Fire and City Technology Bonds	-	-	-	-	312,170	\$312,170
	Funding total	-	-	-	-	\$312,170	\$312,170
IT20200010	800MHZ RADIOS						
	Replace 800MHZ radios that have reached the end of their useful lives or have become obsolete.						
	Equipment	19,000	41,000	2,000,000	2,000,000	2,000,000	\$6,060,000
	Project total	\$19,000	\$41,000	\$2,000,000	\$2,000,000	\$2,000,000	\$6,060,000
	General Fund	19,000	41,000	2,000,000	2,000,000	2,000,000	\$6,060,000
	Funding total	\$19,000	\$41,000	\$2,000,000	\$2,000,000	\$2,000,000	\$6,060,000
IT20200013	REGIONAL WIRELESS COOPERATIVE CONSOLE REPLACEMENT						
	Replace gold elite dispatch consoles in the Regional Wireless Cooperative network due to federal mandate and outdated equipment.						
	Equipment	854,700	-	-	-	-	\$854,700
	Project total	\$854,700	-	-	-	-	\$854,700
	Nonprofit Corporation Bonds - Other	854,700	-	-	-	-	\$854,700
	Funding total	\$854,700	-	-	-	-	\$854,700

Information Technology

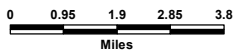
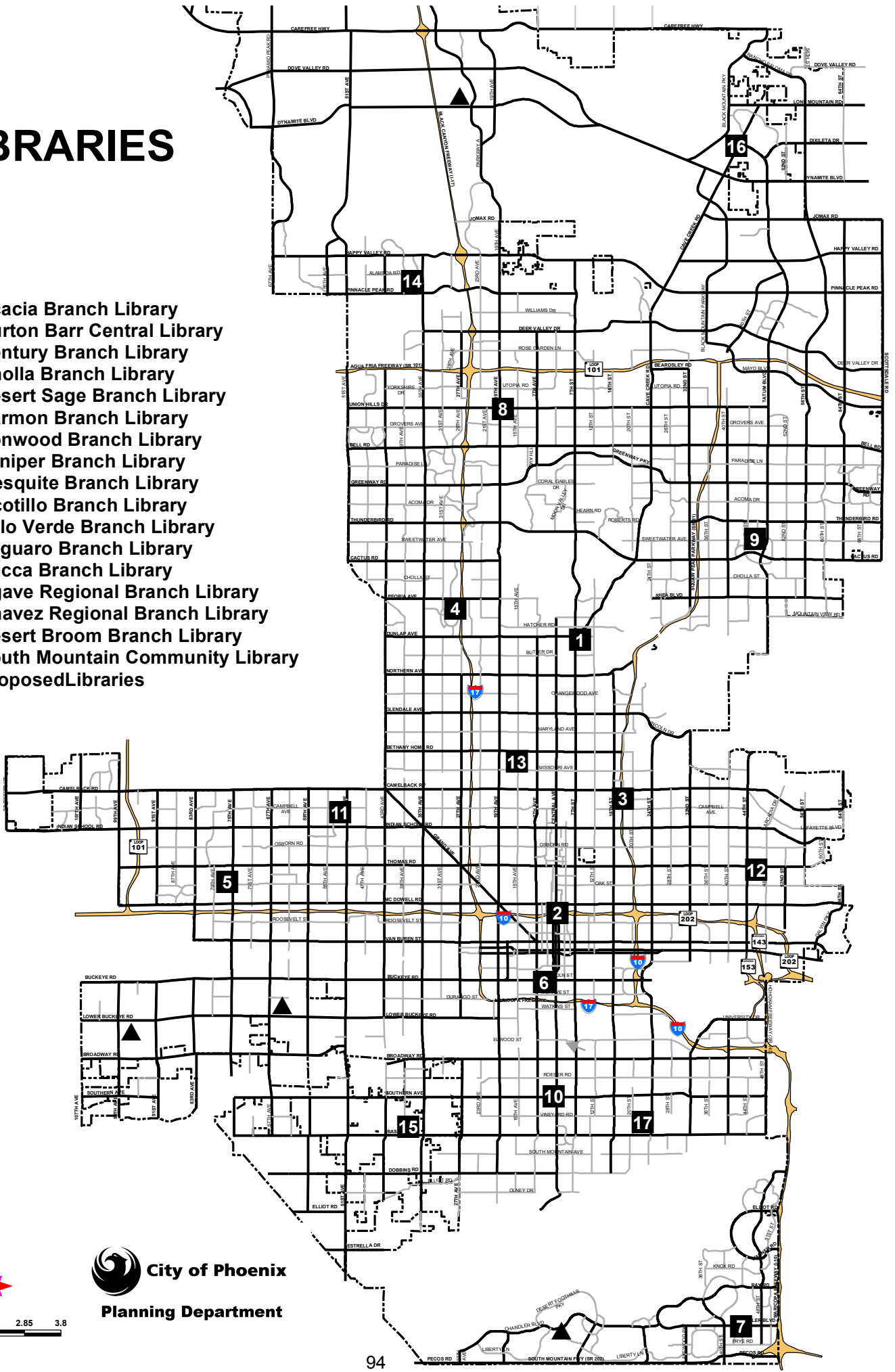
Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
IT20200014	REGIONAL WIRELESS COOPERATIVE SUBSCRIBER REPLACEMENT						
	Replace existing mobile and portable radios due to federal mandate and aging subscriber fleet.						
							Function: Telecommunications
							Strategic Plan: Public Safety
							District: Citywide
	Equipment	10,053,836	9,077,086	-	-	-	\$19,130,922
	Project total	\$10,053,836	\$9,077,086	-	-	-	\$19,130,922
	Nonprofit Corporation Bonds - Other	10,053,836	9,077,086	-	-	-	\$19,130,922
	Funding total	\$10,053,836	\$9,077,086	-	-	-	\$19,130,922
IT20300001	STABILIZE TELEPHONE SYSTEM						
	Acquire equipment and services to stabilize the city's telephone system.						
							Function: Telecommunications
							Strategic Plan: Technology
							District: Citywide
	Estimated full-year ongoing operating costs:	\$132,000					
	Equipment	-	-	-	-	104,227	\$104,227
	Project total	-	-	-	-	\$104,227	\$104,227
	2001 Police, Fire and Computer Technology Bonds	-	-	-	-	104,227	\$104,227
	Funding total	-	-	-	-	\$104,227	\$104,227
IT20300002	TELEPHONE SYSTEM/DATA NETWORK REPLACEMENT						
	Replace the dated telephone system and upgrade the data network to facilitate voice, video and data for staff use in support of service to the community.						
							Function: Telecommunications
							Strategic Plan: Technology
							District: Citywide
	Equipment	35,350,000	-	-	-	-	\$35,350,000
	Project total	\$35,350,000	-	-	-	-	\$35,350,000
	Nonprofit Corporation Bonds - Other	35,350,000	-	-	-	-	\$35,350,000
	Funding total	\$35,350,000	-	-	-	-	\$35,350,000
IT40001000	GEOGRAPHIC INFORMATION SYSTEM (GIS) ENHANCEMENTS						
	Improve the city's Geographic Information System.						
							Function: GIS
							Strategic Plan: Technology
							District: Citywide
	Estimated full-year ongoing operating costs:	\$13,000					
	Equipment	-	-	-	-	1,777,492	\$1,777,492
	Project total	-	-	-	-	\$1,777,492	\$1,777,492
	2006 Police, Fire and City Technology Bonds	-	-	-	-	1,777,492	\$1,777,492
	Funding total	-	-	-	-	\$1,777,492	\$1,777,492
BIPTS0000N	BOND ISSUANCE COSTS						
	Provide for bond issuance costs.						
							Function: Debt Service
							Strategic Plan: Financial Excellence
							District: Citywide
	Other	800,000	-	-	-	-	\$800,000
	Project total	\$800,000	-	-	-	-	\$800,000
	Capital Reserves	800,000	-	-	-	-	\$800,000
	Funding total	\$800,000	-	-	-	-	\$800,000



City of Phoenix

LIBRARIES

- 1** Acacia Branch Library
- 2** Burton Barr Central Library
- 3** Century Branch Library
- 4** Cholla Branch Library
- 5** Desert Sage Branch Library
- 6** Harmon Branch Library
- 7** Ironwood Branch Library
- 8** Juniper Branch Library
- 9** Mesquite Branch Library
- 10** Ocotillo Branch Library
- 11** Palo Verde Branch Library
- 12** Saguaro Branch Library
- 13** Yucca Branch Library
- 14** Agave Regional Branch Library
- 15** Chavez Regional Branch Library
- 16** Desert Broom Branch Library
- 17** South Mountain Community Library
- ▲** Proposed Libraries



Libraries

The Libraries program totals \$14.8 million and is funded with General, 2001 and 2006 General Obligation Bond and Impact Fee funds.

The Libraries program includes improvements to branch libraries to maintain current standards including expanding the Desert Broom library and constructing a new library branch in Estrella.

General Obligation Bond funded projects total \$6.1 million, of which \$5.7 million are delayed indefinitely due to property tax revenue reductions. The delayed projects include:

- New libraries in the North Gateway and West Ahwatukee areas
- Various technology improvements including library patron self-service capabilities
- Improvements to Ironwood and Burton Barr libraries

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Libraries
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Branch Libraries	586,224	200,000	200,000	6,995,933	4,719,216	\$12,701,373
Central Library	-	-	-	-	2,000,000	\$2,000,000
Percent for Art	42,902	-	-	-	40,000	\$82,902
Total	\$629,126	\$200,000	\$200,000	\$6,995,933	\$6,759,216	\$14,784,275
<u>Source of Funds</u>						
<u>Operating Funds</u>						
General Fund - Library	200,000	200,000	200,000	200,000	200,000	\$1,000,000
Total Operating Funds	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	4,131,899	\$4,131,899
2006 General Obligation Bonds	429,126	-	-	-	1,535,947	\$1,965,073
Total Bond Funds	\$429,126	-	-	-	\$5,667,846	\$6,096,972
<u>Other Capital Funds</u>						
Impact Fees	-	-	-	6,795,933	891,370	\$7,687,303
Total Other Capital Funds	-	-	-	\$6,795,933	\$891,370	\$7,687,303
Program Total	\$629,126	\$200,000	\$200,000	\$6,995,933	\$6,759,216	\$14,784,275

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Libraries

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
LS71200007	BRANCH IMPROVEMENTS						
Construct improvements to maintain branch libraries to current standards.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Project total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
General Fund - Library		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Funding total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
LS71200043	ESTRELLA LIBRARY						
Design and construct a new library branch in the Estrella area. Partial funding identified.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: 7 & 8	
Estimated full-year ongoing operating costs:		\$3,844,700					
Construction		-	-	-	4,333,966	-	\$4,333,966
Design		-	-	-	600,000	-	\$600,000
Project total		-	-	-	\$4,933,966	-	\$4,933,966
Impact Fees		-	-	-	4,933,966	-	\$4,933,966
Funding total		-	-	-	\$4,933,966	-	\$4,933,966
LS71200050	NORTH GATEWAY BRANCH LIBRARY						
Design and construct a new library branch in the North Gateway area. Partial funding identified.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: 1 & 2	
Estimated full-year ongoing operating costs:		\$2,519,469					
Construction		-	-	-	-	1,272,645	\$1,272,645
Design		-	-	-	-	647,120	\$647,120
Project total		-	-	-	-	\$1,919,765	\$1,919,765
2001 New & Improved Libraries Bonds		-	-	-	-	1,272,645	\$1,272,645
Impact Fees		-	-	-	-	647,120	\$647,120
Funding total		-	-	-	-	\$1,919,765	\$1,919,765
LS71200054	WEST AHWATUKEE BRANCH LIBRARY						
Design and construct a new library branch in the West Ahwatukee area. Partial funding identified.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: 6	
Estimated full-year ongoing operating costs:		\$2,519,469					
Construction		-	-	-	-	244,250	\$244,250
Design		-	-	-	-	578,814	\$578,814
Project total		-	-	-	-	\$823,064	\$823,064
2001 New & Improved Libraries Bonds		-	-	-	-	578,814	\$578,814
Impact Fees		-	-	-	-	244,250	\$244,250
Funding total		-	-	-	-	\$823,064	\$823,064

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Libraries

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
LS71200070	EXPAND PATRON SELF-SERVICE						
Expand library patron self-service capabilities.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Equipment		-	-	-	-	350,000	\$350,000
Project total		-	-	-	-	\$350,000	\$350,000
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	350,000	\$350,000
Funding total		-	-	-	-	\$350,000	\$350,000
LS71200078	LIBRARY TECHNOLOGY IMPROVEMENTS						
Implement library technology improvements.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Equipment		311,224	-	-	-	1,145,947	\$1,457,171
Project total		\$311,224	-	-	-	\$1,145,947	\$1,457,171
2006 Libraries, Senior and Cultural Centers Bonds		311,224	-	-	-	1,145,947	\$1,457,171
Funding total		\$311,224	-	-	-	\$1,145,947	\$1,457,171
LS71200080	CENTRAL PLANT REPLACEMENT						
Replace the central heating and cooling system at Burton Barr Central Library.							
						Function: Central Library	
						Strategic Plan: Neighborhoods and Livability	
						District: 7	
Construction		-	-	-	-	1,900,000	\$1,900,000
Design		-	-	-	-	100,000	\$100,000
Project total		-	-	-	-	\$2,000,000	\$2,000,000
2001 New & Improved Libraries Bonds		-	-	-	-	2,000,000	\$2,000,000
Funding total		-	-	-	-	\$2,000,000	\$2,000,000
LS71200081	IRONWOOD BRANCH REMODEL						
Construct improvements to Ironwood Branch Library.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: 6	
Construction		-	-	-	-	280,440	\$280,440
Project total		-	-	-	-	\$280,440	\$280,440
2001 New & Improved Libraries Bonds		-	-	-	-	280,440	\$280,440
Funding total		-	-	-	-	\$280,440	\$280,440
LS71200085	BURTON BARR ELEVATOR MAINTENANCE						
Refurbish and rebuild the three public and two freight elevators in the Burton Barr Central Library.							
						Function: Branch Libraries	
						Strategic Plan: Neighborhoods and Livability	
						District: 7	
Construction		75,000	-	-	-	-	\$75,000
Project total		\$75,000	-	-	-	-	\$75,000
2006 Libraries, Senior and Cultural Centers Bonds		75,000	-	-	-	-	\$75,000
Funding total		\$75,000	-	-	-	-	\$75,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Libraries

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
LS71200086	DESERT BROOM LIBRARY EXPANSION						
	Design and construct a 15,000 square-foot expansion of Desert Broom Library.						
							District: 2
	Estimated full-year ongoing operating costs:	\$1,539,936					
	Construction	-	-	-	1,861,967	-	\$1,861,967
	Project total	-	-	-	\$1,861,967	-	\$1,861,967
	Impact Fees	-	-	-	1,861,967	-	\$1,861,967
	Funding total	-	-	-	\$1,861,967	-	\$1,861,967
AR75000004	HARMON BRANCH LIBRARY PHASE II PERCENT FOR ART						
	Develop story-based artwork at Harmon Branch Library.						
							District: 8
	Construction	14,200	-	-	-	-	\$14,200
	Project total	\$14,200	-	-	-	-	\$14,200
	2006 Libraries, Senior and Cultural Centers Bonds	14,200	-	-	-	-	\$14,200
	Funding total	\$14,200	-	-	-	-	\$14,200
AR75000005	SOUTH MOUNTAIN LIBRARY AT WESTERN CANAL PHASE II PERCENT FOR ART						
	Develop story-based artwork at South Mountain Library.						
							District: 8
	Construction	28,702	-	-	-	-	\$28,702
	Project total	\$28,702	-	-	-	-	\$28,702
	2006 Libraries, Senior and Cultural Centers Bonds	28,702	-	-	-	-	\$28,702
	Funding total	\$28,702	-	-	-	-	\$28,702
AR75000006	CULTURAL VOICES-ARIZONA ARTISTS PERCENT FOR ART						
	Interview leading Arizona artists and cultural figures to document Arizona's evolution the past 100 years coordinating with the Library's oral history project.						
							District: Citywide
	Other	-	-	-	-	40,000	\$40,000
	Project total	-	-	-	-	\$40,000	\$40,000
	2006 Libraries, Senior and Cultural Centers Bonds	-	-	-	-	40,000	\$40,000
	Funding total	-	-	-	-	\$40,000	\$40,000



City of Phoenix

Neighborhood Services

The Neighborhood Services program totals \$10.4 million and is funded with operating grant and 2001 and 2006 General Obligation Bond funds, of which \$6.9 million is delayed indefinitely due to property tax revenue reductions.

General Obligation bond funded projects that are delayed indefinitely include:

- Roberta Henry plat infrastructure development
- Property acquisitions and partnerships with other city departments to reduce blight, enhance and revitalize neighborhood infrastructure
- Small Phoenix high schools program development focused on high-demand career fields

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Neighborhood Services
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Acquisition Slum and Blight	534,587	-	-	-	35,750	\$570,337
Isaac Neighborhood	-	-	-	-	727,000	\$727,000
Neighborhood Infrastructure	446,869	-	-	-	-	\$446,869
Neighborhood Resource Centers	18,000	-	-	-	-	\$18,000
Neighborhood Revitalization	1,665,050	-	-	-	4,940,000	\$6,605,050
New Northtown/Sunnyslope	310,888	-	-	-	-	\$310,888
Non Neighborhood Initiative Area	445,637	-	-	-	-	\$445,637
Small High Schools	-	-	-	-	1,195,572	\$1,195,572
South Phoenix Village	45,000	-	-	-	-	\$45,000
Total	\$3,466,031	-	-	-	\$6,898,322	\$10,364,353
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Operating Grants	1,193,653	-	-	-	-	\$1,193,653
Total Operating Funds	\$1,193,653	-	-	-	-	\$1,193,653
<u>Bond Funds</u>						
2001 General Obligation Bonds	38,239	-	-	-	35,750	\$73,989
2006 General Obligation Bonds	2,234,139	-	-	-	6,862,572	\$9,096,711
Total Bond Funds	\$2,272,378	-	-	-	\$6,898,322	\$9,170,700
Program Total	\$3,466,031	-	-	-	\$6,898,322	\$10,364,353

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Neighborhood Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
CM40630001	SMALL HIGH SCHOOL PARTNERSHIPS							
	Establish a program to encourage the creation of small Phoenix high schools designed to prepare students for careers in high-demand fields.							
		Function: Small High Schools						
		Strategic Plan: Neighborhoods and Livability						
		District: Citywide						
	Construction	-	-	-	-	1,195,572	\$1,195,572	
	Project total	-	-	-	-	\$1,195,572	\$1,195,572	
	2006 Education Bonds	-	-	-	-	1,195,572	\$1,195,572	
	Funding total	-	-	-	-	\$1,195,572	\$1,195,572	
ND30000001	INFRASTRUCTURE ENHANCEMENT							
	Improve sidewalks, lighting and landscaping to enhance neighborhoods.							
		Function: Neighborhood Revitalization						
		Strategic Plan: Neighborhoods and Livability						
		District: Citywide						
	Construction	191,119	-	-	-	1,598,000	\$1,789,119	
	Project total	\$191,119	-	-	-	\$1,598,000	\$1,789,119	
	2006 Affordable Housing and Neighborhoods Bonds	191,119	-	-	-	1,598,000	\$1,789,119	
	Funding total	\$191,119	-	-	-	\$1,598,000	\$1,789,119	
ND30000002	REVITALIZATION / BLIGHT							
	Acquire property and provide development incentives for blight elimination and other revitalization purposes.							
		Function: Neighborhood Revitalization						
		Strategic Plan: Neighborhoods and Livability						
		District: Citywide						
	Land Acquisition	417,647	-	-	-	2,114,000	\$2,531,647	
	Project total	\$417,647	-	-	-	\$2,114,000	\$2,531,647	
	2006 Affordable Housing and Neighborhoods Bonds	417,647	-	-	-	2,114,000	\$2,531,647	
	Funding total	\$417,647	-	-	-	\$2,114,000	\$2,531,647	
ND30000003	SUSTAINABILITY							
	Partner with other city departments to implement park development and traffic mitigation improvement projects to enhance neighborhoods.							
		Function: Neighborhood Revitalization						
		Strategic Plan: Neighborhoods and Livability						
		District: Citywide						
	Construction	9,398	-	-	-	1,228,000	\$1,237,398	
	Project total	\$9,398	-	-	-	\$1,228,000	\$1,237,398	
	2006 Affordable Housing and Neighborhoods Bonds	9,398	-	-	-	1,228,000	\$1,237,398	
	Funding total	\$9,398	-	-	-	\$1,228,000	\$1,237,398	

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Neighborhood Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ND30000004	WEST PHOENIX REVITALIZATION						
	Implement blight elimination and infrastructure revitalization initiatives in West Phoenix.						
							Function: Neighborhood Revitalization Strategic Plan: Neighborhoods and Livability District: 1, 4, 5 & 7
	Construction	1,046,886	-	-	-	-	\$1,046,886
	Project total	\$1,046,886	-	-	-	-	\$1,046,886
	2006 Affordable Housing and Neighborhoods Bonds	1,046,886	-	-	-	-	\$1,046,886
	Funding total	\$1,046,886	-	-	-	-	\$1,046,886
ND30010005	NEIGHBORHOOD INFRASTRUCTURE-SPEED HUMPS						
	Add speed humps in various redevelopment areas.						
							Function: Neighborhood Infrastructure Strategic Plan: Infrastructure District: 3
	Land Acquisition	15,200	-	-	-	-	\$15,200
	Project total	\$15,200	-	-	-	-	\$15,200
	2001 Neighborhood Protection and Senior Centers Bonds	15,200	-	-	-	-	\$15,200
	Funding total	\$15,200	-	-	-	-	\$15,200
ND30010016	STREET LIGHTS - FIGHTBACK						
	Install street lights in selected Fight Back areas.						
							Function: Neighborhood Infrastructure Strategic Plan: Neighborhoods and Livability District: Citywide
	Construction	292,669	-	-	-	-	\$292,669
	Project total	\$292,669	-	-	-	-	\$292,669
	2006 Affordable Housing and Neighborhoods Bonds	292,669	-	-	-	-	\$292,669
	Funding total	\$292,669	-	-	-	-	\$292,669
ND30020001	BLIGHT ELIMINATION AND REVITALIZATION ACQUISITION						
	Acquire property for blight elimination and revitalization purposes.						
							Function: Acquisition Slum and Blight Strategic Plan: Neighborhoods and Livability District: Citywide
	Land Acquisition	512,988	-	-	-	35,750	\$548,738
	Project total	\$512,988	-	-	-	\$35,750	\$548,738
	2001 Neighborhood Protection and Senior Centers Bonds	5,039	-	-	-	35,750	\$40,789
	Operating Grants	507,949	-	-	-	-	\$507,949
	Funding total	\$512,988	-	-	-	\$35,750	\$548,738

Neighborhood Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ND30040038	VILLAGE CENTER TRAILER PARK						
Acquire and demolish a trailer park located in the Village Center Neighborhood Initiative Area.							
							District: 3
	Land Acquisition	310,888	-	-	-	-	\$310,888
	Project total	\$310,888	-	-	-	-	\$310,888
	Operating Grants	310,888	-	-	-	-	\$310,888
	Funding total	\$310,888	-	-	-	-	\$310,888
ND30050074	ROBERTA HENRY PLAT, PHASE I - III						
Develop infrastructure for city owned land to develop 27 unit single family homes between 32nd and 33rd Avenues, south of McDowell Road.							
							District: 4
	Construction	-	-	-	-	727,000	\$727,000
	Project total	-	-	-	-	\$727,000	\$727,000
	2006 Affordable Housing and Neighborhoods Bonds	-	-	-	-	727,000	\$727,000
	Funding total	-	-	-	-	\$727,000	\$727,000
ND30070307	2751 EAST MOBILE LANE						
Acquire property located at 2751 East Mobile Lane for future redevelopment.							
							District: 8
	Land Acquisition	45,000	-	-	-	-	\$45,000
	Project total	\$45,000	-	-	-	-	\$45,000
	Operating Grants	45,000	-	-	-	-	\$45,000
	Funding total	\$45,000	-	-	-	-	\$45,000
ND30120006	MARYVALE WEED AND SEED STREET LIGHTS						
Install street lights in Maryvale Weed and Seed areas.							
							District: 5
	Construction	139,000	-	-	-	-	\$139,000
	Project total	\$139,000	-	-	-	-	\$139,000
	2006 Affordable Housing and Neighborhoods Bonds	139,000	-	-	-	-	\$139,000
	Funding total	\$139,000	-	-	-	-	\$139,000
ND30130000	NEIGHBORHOOD STABILIZATION						
Purchase and develop foreclosed properties to improve neighborhood stabilization.							
							District: Citywide
	Construction	21,599	-	-	-	-	\$21,599
	Project total	\$21,599	-	-	-	-	\$21,599
	Operating Grants	21,599	-	-	-	-	\$21,599
	Funding total	\$21,599	-	-	-	-	\$21,599

Neighborhood Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ND30140001	MADISON BUS SHELTER - 16TH STREET AND BETHANY HOME ROAD						
	Improve Madison bus shelter including trash receptacles, solar panel upgrades and ADA accessibility.						
							District: 6
	Construction	137,420	-	-	-	-	\$137,420
	Project total	\$137,420	-	-	-	-	\$137,420
	2006 Affordable Housing and Neighborhoods Bonds	137,420	-	-	-	-	\$137,420
	Funding total	\$137,420	-	-	-	-	\$137,420
ND30140003	19TH AVENUE STREETScape						
	Create streetscape tree design for 19th Avenue between Hatcher Road and Peoria Avenue.						
							District: 3
	Construction	118,217	-	-	-	-	\$118,217
	Project total	\$118,217	-	-	-	-	\$118,217
	Operating Grants	118,217	-	-	-	-	\$118,217
	Funding total	\$118,217	-	-	-	-	\$118,217
ND30140004	KID STREET PARK						
	Conduct park renovations including security camera systems, playground and basketball court resurfacing, creating shade structures and replacing the existing volleyball court.						
							District: 4
	Construction	95,000	-	-	-	-	\$95,000
	Project total	\$95,000	-	-	-	-	\$95,000
	Operating Grants	95,000	-	-	-	-	\$95,000
	Funding total	\$95,000	-	-	-	-	\$95,000
ND30140005	SMITH PARK						
	Install a new ramada, picnic tables, benches, grills and water fountains.						
							District: 7
	Construction	95,000	-	-	-	-	\$95,000
	Project total	\$95,000	-	-	-	-	\$95,000
	Operating Grants	95,000	-	-	-	-	\$95,000
	Funding total	\$95,000	-	-	-	-	\$95,000

Neighborhood Services

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ND90000001	NEIGHBORHOOD RESOURCE CENTER						
	Develop a satellite office in partnership with the Police Department.						
							Function: Neighborhood Resource Centers
							Strategic Plan: Neighborhoods and Livability
							District: 8
	Construction	11,000	-	-	-	-	\$11,000
	Land Acquisition	7,000	-	-	-	-	\$7,000
	Project total	\$18,000	-	-	-	-	\$18,000
	2001 Neighborhood Protection and Senior Centers Bonds	18,000	-	-	-	-	\$18,000
	Funding total	\$18,000	-	-	-	-	\$18,000

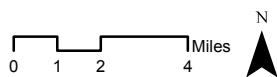
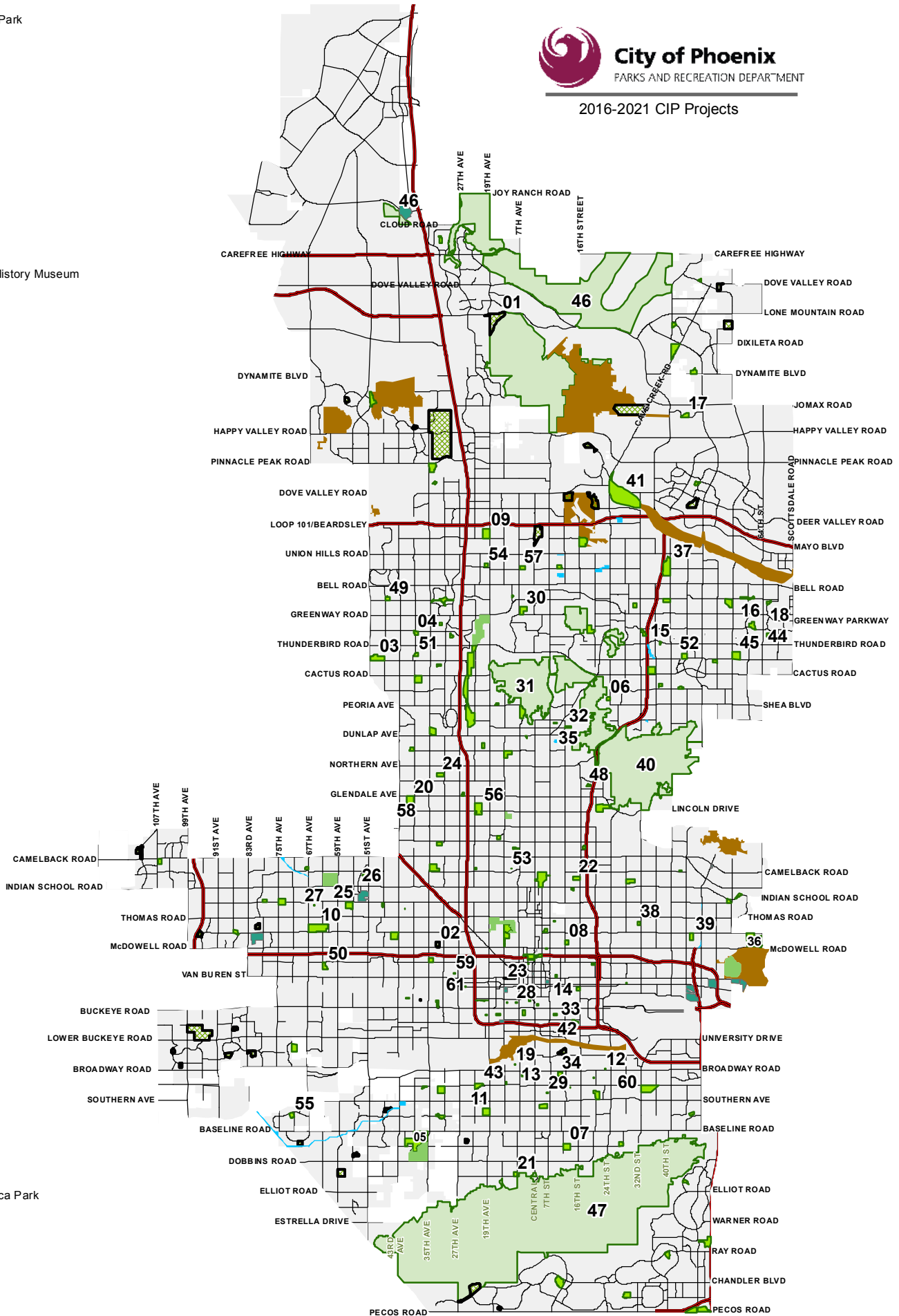
- 01, 19th Ave & Lone Mountain
- 02, 32nd Ave & Mcdowell Rd
- 03, 51st Ave & Sweetwater Ave Park
- 04, Acoma Park
- 05, Cesar Chavez Park
- 06, Christy Cove Park
- 07, Circle K Park
- 08, Coronado Park
- 09, Deer Valley Park
- 10, Desert West Park
- 11, El Prado Park
- 12, Eototo Park
- 13, Hayden Park
- 14, Heritage Square Science & History Museum
- 15, Indian Bend Park
- 16, Jackrabbit Park
- 17, John W. Teets Park
- 18, Kierland Park
- 19, Kipok Park
- 20, La Pradera Park
- 21, Ma-Ha-Tuak Park
- 22, Madison Park
- 23, Margaret T. Hance Park
- 24, Mariposa Park
- 25, Marivue Park
- 26, Maryvale Park
- 27, Maryvale Tot Lot Park
- 28, Matthew Hensen Park
- 29, Momo Park
- 30, Moon Valley Park
- 31, North Mountain Shaw Butte
- 32, Norton Park
- 33, Nuestro Park
- 34, Nueve Park
- 35, Palma Park
- 36, Papago Dist Park
- 37, Paradise Valley Park
- 38, Perry Park
- 39, Pierce Park
- 40, Piestewa Peak
- 41, Reach 11 Sports Complex
- 42, Rio Salado
- 43, Roesley Park
- 44, Sandpiper Park
- 45, Sereno Park
- 46, Sonoran Preserve
- 47, South Mountain
- 48, Sumida Park
- 49, Sunburst Paradise Park
- 50, Sunridge Park
- 51, Surrey Park
- 52, Sweetwater Park
- 53, Tawa Park
- 54, Telephone Pioneers of America Park
- 55, Trailside Point Park
- 56, Washington Park
- 57, Werner's Field
- 58, West Plaza Park
- 59, Willow Park
- 60, Yapa Park
- 61, Yunya Park



City of Phoenix

PARKS AND RECREATION DEPARTMENT

2016-2021 CIP Projects



Parks, Recreation and Mountain Preserves

The Parks, Recreation and Mountain Preserves program totals \$149.1 million and is funded with Parks and Preserves Initiative funds, General Obligation Bond funds, development impact fees, capital reserves, nonprofit corporation bond funds, operating grants, other capital funds, other restricted funds, and Waste and Wastewater revenue funds.

The Parks, Recreation and Mountain Preserves program includes constructing, improving and renovating city parks, trails and pools, installing LED security and sports lighting, improving roads and parking lots, constructing ADA accessible amenities, acquiring land for the Sonoran Preserve and future parks, contingency funding and various other citywide parks and related infrastructure improvements.

General Obligation Bond funded projects total approximately \$22.3 million, of which \$19.0 million is delayed indefinitely due to property tax revenue reductions.

General Obligation Bond funded projects that are delayed indefinitely include:

- New parks and trails development including a park at 32nd Avenue and McDowell Road
- HOPE VI Park Development for public recreation use
- Sports fields lighting
- La Pradera Community Center construction
- Heritage Square and Phoenix Center for the Community Arts renovations
- Land acquisition for future parks development
- Various parks renovations including Maryvale, Coronado, and Papago

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
General Park Development	53,000,300	18,800,000	7,000,000	7,000,000	14,559,564	\$100,359,864
Park Land Acquisition	19,338,732	7,000,000	-	-	1,913,938	\$28,252,670
Percent for Art	103,895	64,234	-	-	237,053	\$405,182
Specialty Areas	6,657,389	850,000	-	-	9,904,622	\$17,412,011
Trails	904,500	500,000	-	-	1,262,614	\$2,667,114
Total	\$80,004,816	\$27,214,234	\$7,000,000	\$7,000,000	\$27,877,791	\$149,096,841
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Operating Grants	4,731,046	-	-	-	-	\$4,731,046
Other Restricted	73,000	-	-	-	-	\$73,000
Parks and Preserves	55,056,773	27,150,000	7,000,000	7,000,000	8,850,000	\$105,056,773
Wastewater	80,000	64,234	-	-	-	\$144,234
Water	9,338	-	-	-	-	\$9,338
Total Operating Funds	\$59,950,157	\$27,214,234	\$7,000,000	\$7,000,000	\$8,850,000	\$110,014,391
<u>Bond Funds</u>						
1988 General Obligation Bonds	-	-	-	-	370,750	\$370,750
2001 General Obligation Bonds	-	-	-	-	1,630,608	\$1,630,608
2006 General Obligation Bonds	3,296,789	-	-	-	17,026,433	\$20,323,222
Nonprofit Corporation Bonds - Wastewater	11,768	-	-	-	-	\$11,768
Total Bond Funds	\$3,308,557	-	-	-	\$19,027,791	\$22,336,348
<u>Other Capital Funds</u>						
Capital Reserves	2,000,000	-	-	-	-	\$2,000,000
Impact Fees	12,788,438	-	-	-	-	\$12,788,438
Other Capital	1,957,664	-	-	-	-	\$1,957,664
Total Other Capital Funds	\$16,746,102	-	-	-	-	\$16,746,102
Program Total	\$80,004,816	\$27,214,234	\$7,000,000	\$7,000,000	\$27,877,791	\$149,096,841

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75150008	NEW TRAILS						
Construct new trails citywide.							
							Function: Trails
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		387,500	-	-	-	391,864	\$779,364
Project total		\$387,500	-	-	-	\$391,864	\$779,364
2001 Parks, Open Space and Recreation Facilities Bonds		-	-	-	-	27,080	\$27,080
2006 Parks and Open Spaces Bonds		-	-	-	-	364,784	\$364,784
Impact Fees		181,500	-	-	-	-	\$181,500
Parks and Preserves		206,000	-	-	-	-	\$206,000
Funding total		\$387,500	-	-	-	\$391,864	\$779,364
PA75150040	PHOENIX MOUNTAIN PRESERVE TRAIL SIGNING AND CLOSURE						
Construct signage for new trails and demolish spider trails in the Phoenix Mountain Preserves.							
							Function: Trails
							Strategic Plan: Neighborhoods and Livability
							District: 6
Construction		-	-	-	-	370,750	\$370,750
Project total		-	-	-	-	\$370,750	\$370,750
1988 Parks Bonds		-	-	-	-	370,750	\$370,750
Funding total		-	-	-	-	\$370,750	\$370,750
PA75150045	SOUTH MOUNTAIN 620 TRAILHEAD						
Complete construction of South Mountain 620 trailhead to provide trail access.							
							Function: Trails
							Strategic Plan: Neighborhoods and Livability
							District: 6
Construction		17,000	-	-	-	-	\$17,000
Project total		\$17,000	-	-	-	-	\$17,000
Other Capital		17,000	-	-	-	-	\$17,000
Funding total		\$17,000	-	-	-	-	\$17,000
PA75150049	SPIDER TRAILS REVEGETATION						
Construct revegetation of spider trails.							
							Function: Trails
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		500,000	500,000	-	-	500,000	\$1,500,000
Project total		\$500,000	\$500,000	-	-	\$500,000	\$1,500,000
Parks and Preserves		500,000	500,000	-	-	500,000	\$1,500,000
Funding total		\$500,000	\$500,000	-	-	\$500,000	\$1,500,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200097	LADMO PARK IMPROVEMENTS						
Construct park improvements at Ladmo Park located at 41st Avenue and Earll Drive.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 4					
Construction		-	-	-	-	50,000	\$50,000
Project total		-	-	-	-	\$50,000	\$50,000
2001 Neighborhood Protection and Senior Centers Bonds		-	-	-	-	50,000	\$50,000
Funding total		-	-	-	-	\$50,000	\$50,000
PA75200154	DUST DEVIL PARK						
Install sports field lighting at Dust Devil Park located at 107 Avenue and Campbell Avenue.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 5					
Construction		600,000	-	-	-	-	\$600,000
Project total		\$600,000	-	-	-	-	\$600,000
Parks and Preserves		600,000	-	-	-	-	\$600,000
Funding total		\$600,000	-	-	-	-	\$600,000
PA75200160	CORTEZ PARK						
Construct improvements at Cortez Park located at 35th Avenue and Dunlap Avenue.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 1					
Construction		749,730	-	-	-	-	\$749,730
Project total		\$749,730	-	-	-	-	\$749,730
Parks and Preserves		749,730	-	-	-	-	\$749,730
Funding total		\$749,730	-	-	-	-	\$749,730
PA75200185	GENERAL PARK DEVELOPMENT						
Construct park development projects as needs are identified.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		7,884,960	14,500,000	-	-	-	\$22,384,960
Project total		\$7,884,960	\$14,500,000	-	-	-	\$22,384,960
Operating Grants		750,000	-	-	-	-	\$750,000
Other Capital		948,774	-	-	-	-	\$948,774
Parks and Preserves		6,186,186	14,500,000	-	-	-	\$20,686,186
Funding total		\$7,884,960	\$14,500,000	-	-	-	\$22,384,960

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200254	MOUNTAIN VIEW PARK						
Construct playground, parking lots, install lighting and exercise equipment at Mountain View Park located at 9901 North 7th Avenue.							
							District: 3
Construction		400,000	-	-	-	-	\$400,000
Project total		\$400,000	-	-	-	-	\$400,000
Parks and Preserves		400,000	-	-	-	-	\$400,000
Funding total		\$400,000	-	-	-	-	\$400,000
PA75200259	SOLANO PARK						
Replace security lights and install service entrance sections.							
							District: 5
Construction		209,000	-	-	-	-	\$209,000
Project total		\$209,000	-	-	-	-	\$209,000
Parks and Preserves		209,000	-	-	-	-	\$209,000
Funding total		\$209,000	-	-	-	-	\$209,000
PA75200267	UNNAMED PARK AT 43RD AVENUE AND SWEETWATER						
Develop a joint park project with ASU West located adjacent to school campus.							
							District: 1
Construction		-	-	-	-	22,537	\$22,537
Project total		-	-	-	-	\$22,537	\$22,537
2001 Parks, Open Space and Recreation Facilities Bonds		-	-	-	-	22,537	\$22,537
Funding total		-	-	-	-	\$22,537	\$22,537
PA75200311	UNNAMED PARK AT 52ND STREET AND DOVE VALLEY ROAD						
Develop a master plan for park development located at 52nd Street and Dove Valley Road.							
							District: 2
Design		652,000	-	-	-	-	\$652,000
Project total		\$652,000	-	-	-	-	\$652,000
Other Capital		652,000	-	-	-	-	\$652,000
Funding total		\$652,000	-	-	-	-	\$652,000
PA75200317	HOPE VI PARK DEVELOPMENT						
Renovate building interiors of up to five historical buildings for public recreation use.							
							District: 8
Estimated full-year ongoing operating costs:		\$1,312,000					
Construction		-	-	-	-	2,275,270	\$2,275,270
Project total		-	-	-	-	\$2,275,270	\$2,275,270
2006 Parks and Open Spaces Bonds		-	-	-	-	2,275,270	\$2,275,270
Funding total		-	-	-	-	\$2,275,270	\$2,275,270

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200332	SKUNK CREEK ENTRY						
Construct an entry feature to the future park located at the Skunk Creek Landfill near Happy Valley Road and I-17.							
							Function: General Park Development Strategic Plan: Infrastructure District: 1
Construction		2,300,000	-	-	-	-	\$2,300,000
Project total		\$2,300,000	-	-	-	-	\$2,300,000
Capital Reserves		2,000,000	-	-	-	-	\$2,000,000
Other Capital		300,000	-	-	-	-	\$300,000
Funding total		\$2,300,000	-	-	-	-	\$2,300,000
PA75200334	WATER MANAGEMENT						
Modernize park facilities using high-tech water conservation equipment.							
							Function: General Park Development Strategic Plan: Infrastructure District: Citywide
Construction		-	-	-	-	330,051	\$330,051
Project total		-	-	-	-	\$330,051	\$330,051
2006 Parks and Open Spaces Bonds		-	-	-	-	330,051	\$330,051
Funding total		-	-	-	-	\$330,051	\$330,051
PA75200335	CORONADO PARK						
Construct park improvements at Coronado Park located at 12th Street and Coronado Road.							
							Function: General Park Development Strategic Plan: Infrastructure District: 4
Construction		-	-	-	-	1,287,000	\$1,287,000
Project total		-	-	-	-	\$1,287,000	\$1,287,000
2006 Parks and Open Spaces Bonds		-	-	-	-	1,287,000	\$1,287,000
Funding total		-	-	-	-	\$1,287,000	\$1,287,000
PA75200336	PAPAGO PARK						
Construct restrooms and ramadas, renovate office and upgrade utilities at Papago Park located at Van Buren Street and Galvin Parkway.							
							Function: General Park Development Strategic Plan: Infrastructure District: 6
Construction		-	-	-	-	878,883	\$878,883
Project total		-	-	-	-	\$878,883	\$878,883
2006 Parks and Open Spaces Bonds		-	-	-	-	878,883	\$878,883
Funding total		-	-	-	-	\$878,883	\$878,883
PA75200337	UNNAMED PARK AT 32ND AVENUE AND MCDOWELL						
Develop a master plan and construct a park located at 32nd Avenue and McDowell Road.							
							Function: General Park Development Strategic Plan: Infrastructure District: 4
Estimated full-year ongoing operating costs:		\$185,518					
Construction		-	-	-	-	1,980,000	\$1,980,000
Project total		-	-	-	-	\$1,980,000	\$1,980,000
2006 Parks and Open Spaces Bonds		-	-	-	-	1,980,000	\$1,980,000
Funding total		-	-	-	-	\$1,980,000	\$1,980,000

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200348	HAYDEN PARK SPORTS LIGHTING						
Replace the sports field lighting at Hayden Park located at 322 West Tamarisk.							
							District: 7
Construction		300,000	-	-	-	-	\$300,000
Project total		\$300,000	-	-	-	-	\$300,000
Parks and Preserves		300,000	-	-	-	-	\$300,000
Funding total		\$300,000	-	-	-	-	\$300,000
PA75200349	SPORTS FIELDS LIGHTING						
Install citywide sports field lighting.							
							District: Citywide
Construction		-	-	-	-	362,620	\$362,620
Project total		-	-	-	-	\$362,620	\$362,620
2006 Parks and Open Spaces Bonds		-	-	-	-	362,620	\$362,620
Funding total		-	-	-	-	\$362,620	\$362,620
PA75200393	PARK DEVELOPMENT PHOENIX PARKS AND PRESERVE INITIATIVE (PPPI)						
Provide for contingency for future park improvements and construction.							
							District: Citywide
Construction		5,312,429	3,500,000	7,000,000	7,000,000	7,000,000	\$29,812,429
Project total		\$5,312,429	\$3,500,000	\$7,000,000	\$7,000,000	\$7,000,000	\$29,812,429
Parks and Preserves		5,312,429	3,500,000	7,000,000	7,000,000	7,000,000	\$29,812,429
Funding total		\$5,312,429	\$3,500,000	\$7,000,000	\$7,000,000	\$7,000,000	\$29,812,429
PA75200398	PLAYGROUNDS						
Replace playground equipment citywide.							
							District: Citywide
Construction		600,000	-	-	-	-	\$600,000
Project total		\$600,000	-	-	-	-	\$600,000
Parks and Preserves		600,000	-	-	-	-	\$600,000
Funding total		\$600,000	-	-	-	-	\$600,000
PA75200401	SECURITY LIGHTS						
Install security lighting citywide.							
							District: Citywide
Construction		1,320,000	-	-	-	-	\$1,320,000
Project total		\$1,320,000	-	-	-	-	\$1,320,000
Parks and Preserves		1,320,000	-	-	-	-	\$1,320,000
Funding total		\$1,320,000	-	-	-	-	\$1,320,000

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200418	SPORTS FIELDS LIGHT POLES EVALUATIONS						
Replace sports field lighting citywide.							
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: Citywide
Construction		600,000	-	-	-	-	\$600,000
Project total		\$600,000	-	-	-	-	\$600,000
Parks and Preserves		600,000	-	-	-	-	\$600,000
Funding total		\$600,000	-	-	-	-	\$600,000
PA75200428	PARKS SIGNAGE						
Replace citywide monument and regulation signs.							
							Function: General Park Development
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		58,000	-	-	-	-	\$58,000
Project total		\$58,000	-	-	-	-	\$58,000
Parks and Preserves		58,000	-	-	-	-	\$58,000
Funding total		\$58,000	-	-	-	-	\$58,000
PA75200432	HANCE PARK EXPANSION						
Implement Margaret T. Hance Park master plan located between Central Avenue and 3rd Avenue.							
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 7
Construction		98,980	-	-	-	-	\$98,980
Project total		\$98,980	-	-	-	-	\$98,980
Parks and Preserves		98,980	-	-	-	-	\$98,980
Funding total		\$98,980	-	-	-	-	\$98,980
PA75200447	SUMIDA PARK SECURITY LIGHTING						
Replace security lighting and install services entrance sections at Sumida Park located at 16th Street and Glendale Avenue.							
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 6
Construction		105,781	-	-	-	-	\$105,781
Project total		\$105,781	-	-	-	-	\$105,781
Parks and Preserves		105,781	-	-	-	-	\$105,781
Funding total		\$105,781	-	-	-	-	\$105,781
PA75200459	SOUTHWEST PARKS						
Construct large growth-related park infrastructure in Southwest impact fee areas.							
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 7 & 8
Construction		5,599,763	-	-	-	-	\$5,599,763
Project total		\$5,599,763	-	-	-	-	\$5,599,763
Impact Fees		5,599,763	-	-	-	-	\$5,599,763
Funding total		\$5,599,763	-	-	-	-	\$5,599,763

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200460	NORTH DESERT VIEW PARKS						
Construct large growth-related park infrastructure in the North Desert View impact fee area.							
							District: 1 & 2
	Construction	2,812,136	-	-	-	-	\$2,812,136
	Project total	\$2,812,136	-	-	-	-	\$2,812,136
	Impact Fees	2,812,136	-	-	-	-	\$2,812,136
	Funding total	\$2,812,136	-	-	-	-	\$2,812,136
PA75200461	SOUTH AHWATUKEE PARKS						
Construct large growth-related park infrastructure in the Ahwatukee impact fee area.							
							District: 6 & 8
	Construction	1,248,917	-	-	-	-	\$1,248,917
	Project total	\$1,248,917	-	-	-	-	\$1,248,917
	Impact Fees	1,248,917	-	-	-	-	\$1,248,917
	Funding total	\$1,248,917	-	-	-	-	\$1,248,917
PA75200462	NORTH GATEWAY PARKS						
Construct large growth-related park infrastructure in the North Gateway impact fee area.							
							District: 1 & 2
	Construction	2,946,122	-	-	-	-	\$2,946,122
	Project total	\$2,946,122	-	-	-	-	\$2,946,122
	Impact Fees	2,946,122	-	-	-	-	\$2,946,122
	Funding total	\$2,946,122	-	-	-	-	\$2,946,122
PA75200463	PHOENIX MOUNTAIN PRESERVE ROADWAYS AND PARKING LOTS						
Construct parking lots and roads and replace waterlines in the Phoenix Mountain Preserve.							
							District: 6
	Construction	784,341	-	-	-	-	\$784,341
	Project total	\$784,341	-	-	-	-	\$784,341
	Parks and Preserves	784,341	-	-	-	-	\$784,341
	Funding total	\$784,341	-	-	-	-	\$784,341
PA75200467	CORTEZ PARKING LOT						
Replace parking lots at Cortez Park located at 35th Avenue and Dunlap Avenue.							
							District: 1
	Construction	256,246	-	-	-	-	\$256,246
	Project total	\$256,246	-	-	-	-	\$256,246
	Parks and Preserves	256,246	-	-	-	-	\$256,246
	Funding total	\$256,246	-	-	-	-	\$256,246

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200473	PALMA PARK SECURITY AND SPORTS LIGHTING						
	Replace security and sports field lighting at Palma Park located at 12th Street and Dunlap Avenue.						
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 3
	Construction	300,000	-	-	-	-	\$300,000
	Project total	\$300,000	-	-	-	-	\$300,000
	Parks and Preserves	300,000	-	-	-	-	\$300,000
	Funding total	\$300,000	-	-	-	-	\$300,000
PA75200474	SWEETWATER PARK SPORTS FIELD LIGHTING						
	Replace sports field lighting at Sweetwater Park located at 44th Place and Andora Drive.						
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 3
	Construction	300,000	-	-	-	-	\$300,000
	Project total	\$300,000	-	-	-	-	\$300,000
	Parks and Preserves	300,000	-	-	-	-	\$300,000
	Funding total	\$300,000	-	-	-	-	\$300,000
PA75200475	MARIVUE PARK SECURITY LIGHTING						
	Replace security lighting at Marivue Park located at 55th Avenue and Osborn Road.						
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 4
	Construction	300,000	-	-	-	-	\$300,000
	Project total	\$300,000	-	-	-	-	\$300,000
	Parks and Preserves	300,000	-	-	-	-	\$300,000
	Funding total	\$300,000	-	-	-	-	\$300,000
PA75200476	NORTON PARK SECURITY LIGHTING						
	Replace security lighting at Norton Park located at 1224 East Hatcher Road.						
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 3
	Construction	140,000	-	-	-	-	\$140,000
	Project total	\$140,000	-	-	-	-	\$140,000
	Parks and Preserves	140,000	-	-	-	-	\$140,000
	Funding total	\$140,000	-	-	-	-	\$140,000
PA75200477	ACOMA PARK SECURITY LIGHTING						
	Replace security lighting at Acoma Park located at 39th Avenue and Acoma Drive.						
							Function: General Park Development
							Strategic Plan: Infrastructure
							District: 1
	Construction	175,000	-	-	-	-	\$175,000
	Project total	\$175,000	-	-	-	-	\$175,000
	Parks and Preserves	175,000	-	-	-	-	\$175,000
	Funding total	\$175,000	-	-	-	-	\$175,000

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200478	COLTER PARK SECURITY LIGHTING						
Replace security lighting at Colter Park located at 7th Avenue and Colter Street.							
Function: General Park Development							
Strategic Plan: Infrastructure							
District: 4							
Construction		173,000	-	-	-	-	\$173,000
Project total		\$173,000	-	-	-	-	\$173,000
Parks and Preserves		173,000	-	-	-	-	\$173,000
Funding total		\$173,000	-	-	-	-	\$173,000
PA75200480	CIRCLE K PARK PARKING LOTS						
Replace parking lots at Circle K Park located at 12th Street and South Mountain Avenue.							
Function: General Park Development							
Strategic Plan: Infrastructure							
District: 8							
Construction		400,000	-	-	-	-	\$400,000
Project total		\$400,000	-	-	-	-	\$400,000
Parks and Preserves		400,000	-	-	-	-	\$400,000
Funding total		\$400,000	-	-	-	-	\$400,000
PA75200481	DEER VALLEY PARK PARKING LOTS						
Replace parking lots at Deer Valley Park located at 19th Avenue and Utopia Road.							
Function: General Park Development							
Strategic Plan: Infrastructure							
District: 1							
Construction		710,000	-	-	-	-	\$710,000
Project total		\$710,000	-	-	-	-	\$710,000
Parks and Preserves		710,000	-	-	-	-	\$710,000
Funding total		\$710,000	-	-	-	-	\$710,000
PA75200482	MARYVALE PARK SPORTS FIELD LIGHTING						
Replace sports field lighting at Maryvale Park at 51st Avenue and Campbell Avenue.							
Function: General Park Development							
Strategic Plan: Infrastructure							
District: 5							
Construction		300,000	-	-	-	-	\$300,000
Project total		\$300,000	-	-	-	-	\$300,000
Parks and Preserves		300,000	-	-	-	-	\$300,000
Funding total		\$300,000	-	-	-	-	\$300,000
PA75200484	ACACIA PARK PLAYGROUND AND SECURITY LIGHTING						
Construct renovations of playgrounds and replace security lighting at Acacia Park located at 30th Avenue and Hearn Road.							
Function: General Park Development							
Strategic Plan: Infrastructure							
District: 1							
Construction		141,000	-	-	-	-	\$141,000
Project total		\$141,000	-	-	-	-	\$141,000
Parks and Preserves		141,000	-	-	-	-	\$141,000
Funding total		\$141,000	-	-	-	-	\$141,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
PA75200487	MA-HA-TAUK PARK RENOVATIONS							
Construct renovations of playground, area lighting, restrooms, parking lot, sidewalks, irrigation and basketball court at Ma-Ha-Tauk Park located at 7th Avenue and Dobbins Road.								
		Function: General Park Development						
		Strategic Plan: Infrastructure						
		District: 8						
Construction		2,100,000	-	-	-	-	\$2,100,000	
Design		80,000	-	-	-	-	\$80,000	
Project total		\$2,180,000	-	-	-	-	\$2,180,000	
Parks and Preserves		2,180,000	-	-	-	-	\$2,180,000	
Funding total		\$2,180,000	-	-	-	-	\$2,180,000	
PA75200489	NUEVE PARK RENOVATIONS							
Construct renovations of playground, restrooms, parking lot, sidewalks, irrigation, basketball court and replace area and sports field lighting at Nueve Park located at 9th Street and Broadway Road.								
		Function: General Park Development						
		Strategic Plan: Infrastructure						
		District: 8						
Construction		2,100,000	-	-	-	-	\$2,100,000	
Design		90,000	-	-	-	-	\$90,000	
Project total		\$2,190,000	-	-	-	-	\$2,190,000	
Parks and Preserves		2,190,000	-	-	-	-	\$2,190,000	
Funding total		\$2,190,000	-	-	-	-	\$2,190,000	
PA75200491	FALCON PARK SECURITY LIGHTING							
Replace security lighting at Falcon Park located at 35th Avenue and Roosevelt Street.								
		Function: General Park Development						
		Strategic Plan: Infrastructure						
		District: 4						
Construction		260,000	-	-	-	-	\$260,000	
Project total		\$260,000	-	-	-	-	\$260,000	
Parks and Preserves		260,000	-	-	-	-	\$260,000	
Funding total		\$260,000	-	-	-	-	\$260,000	
PA75200492	MOON VALLEY PARK PLAYGROUND							
Construct playground at Moon Valley Park located at 7th Avenue and Coral Gables Drive.								
		Function: General Park Development						
		Strategic Plan: Infrastructure						
		District: 3						
Construction		150,000	-	-	-	-	\$150,000	
Project total		\$150,000	-	-	-	-	\$150,000	
Parks and Preserves		150,000	-	-	-	-	\$150,000	
Funding total		\$150,000	-	-	-	-	\$150,000	

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200495	CHRISTY COVE PARK PLAYGROUND						
Construct playground at Christy Cove Park located at 24th Street and Cactus Road.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 3					
Construction		150,000	800,000	-	-	-	\$950,000
Project total		\$150,000	\$800,000	-	-	-	\$950,000
Parks and Preserves		150,000	800,000	-	-	-	\$950,000
Funding total		\$150,000	\$800,000	-	-	-	\$950,000
PA75200509	SOUTH MOUNTAIN PARK WATER LINE						
Replace the main water line in South Mountain Park and renovate the park ranger offices.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 6 & 8					
Construction		450,000	-	-	-	-	\$450,000
Design		50,000	-	-	-	-	\$50,000
Project total		\$500,000	-	-	-	-	\$500,000
Parks and Preserves		500,000	-	-	-	-	\$500,000
Funding total		\$500,000	-	-	-	-	\$500,000
PA75200516	TRAILSIDE PARK IRRIGATION AND VEGETATION IMPROVEMENTS						
Improve irrigation system and vegetation.							
		Function: General Park Development					
		Strategic Plan: Infrastructure					
		District: 7					
Construction		90,000	-	-	-	-	\$90,000
Project total		\$90,000	-	-	-	-	\$90,000
Parks and Preserves		90,000	-	-	-	-	\$90,000
Funding total		\$90,000	-	-	-	-	\$90,000
PA75200520	EL PRADO SIDEWALKS						
Renovate sidewalks at El Prado Park located at 19th Avenue and Southern Avenue.							
		Function: General Park Development					
		Strategic Plan: Neighborhoods and Livability					
		District: 8					
Construction		400,000	-	-	-	-	\$400,000
Project total		\$400,000	-	-	-	-	\$400,000
Operating Grants		400,000	-	-	-	-	\$400,000
Funding total		\$400,000	-	-	-	-	\$400,000
PA75200521	PARKS LIGHTING AND RAMADAS						
Install security lighting and ramadas at various parks citywide.							
		Function: General Park Development					
		Strategic Plan: Neighborhoods and Livability					
		District: 4, 5, 7, & 8					
Construction		2,331,046	-	-	-	-	\$2,331,046
Project total		\$2,331,046	-	-	-	-	\$2,331,046
Operating Grants		2,331,046	-	-	-	-	\$2,331,046
Funding total		\$2,331,046	-	-	-	-	\$2,331,046

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
PA75200522	SUNNYSLOPE COMMUNITY CENTER							
Construct renovations to Sunnyslope Community Center air conditioning units, basketball hoops, and partitions located at 802 East Vogel Avenue.								
		Function: General Park Development						
		Strategic Plan: Neighborhoods and Livability						
		District: 3						
Construction		185,000	-	-	-	-	\$185,000	
Project total		\$185,000	-	-	-	-	\$185,000	
Operating Grants		185,000	-	-	-	-	\$185,000	
Funding total		\$185,000	-	-	-	-	\$185,000	
PA75200523	YAPA PARK IMPROVEMENTS							
Construct improvements to Yapa Mini Park including ramadas, lighting and parking lots located at 2732 East Mobile Lane.								
		Function: General Park Development						
		Strategic Plan: Neighborhoods and Livability						
		District: 8						
Construction		130,000	-	-	-	-	\$130,000	
Project total		\$130,000	-	-	-	-	\$130,000	
Operating Grants		130,000	-	-	-	-	\$130,000	
Funding total		\$130,000	-	-	-	-	\$130,000	
PA75200524	MOUNTAIN VIEW COMMUNITY CENTER							
Renovate the Mountain View Community Center parking lot located at 1104 East Grovers Avenue.								
		Function: General Park Development						
		Strategic Plan: Neighborhoods and Livability						
		District: 2						
Construction		310,000	-	-	-	-	\$310,000	
Project total		\$310,000	-	-	-	-	\$310,000	
Operating Grants		310,000	-	-	-	-	\$310,000	
Funding total		\$310,000	-	-	-	-	\$310,000	
PA75200525	PARKS PLAYGROUND EQUIPMENT							
Install new playground equipment at various parks citywide.								
		Function: General Park Development						
		Strategic Plan: Neighborhoods and Livability						
		District: 5, 7, & 8						
Construction		475,000	-	-	-	-	\$475,000	
Project total		\$475,000	-	-	-	-	\$475,000	
Operating Grants		475,000	-	-	-	-	\$475,000	
Funding total		\$475,000	-	-	-	-	\$475,000	
PA75200526	TURTLE ROCK BASIN PLAYGROUND EQUIPMENT							
Replace the playground equipment at Turtle Rock Basin located at 17414 North 12th Street.								
		Function: General Park Development						
		Strategic Plan: Neighborhoods and Livability						
		District: 3						
Construction		150,000	-	-	-	-	\$150,000	
Project total		\$150,000	-	-	-	-	\$150,000	
Operating Grants		150,000	-	-	-	-	\$150,000	
Funding total		\$150,000	-	-	-	-	\$150,000	

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75200527	PARADISE VALLEY PARK RENOVATIONS						
Construct renovations of playground, parking lots, irrigation improvements, trees and ramadas at Paradise Valley Park located at 17642 North 40th Street.							
						Function: General Park Development	
						Strategic Plan: Infrastructure	
						District: 2	
Design		2,140,000	-	-	-	-	\$2,140,000
Project total		\$2,140,000	-	-	-	-	\$2,140,000
Parks and Preserves		2,140,000	-	-	-	-	\$2,140,000
Funding total		\$2,140,000	-	-	-	-	\$2,140,000
PA75300029	PHOENIX CENTER FOR THE COMMUNITY ARTS RENOVATION AND ADA IMPROVEMENTS						
Renovate and construct ADA improvements at the Phoenix Center for the Community Arts at 1202 North 3rd Street.							
						Function: Specialty Areas	
						Strategic Plan: Neighborhoods and Livability	
						District: 7	
Construction		-	-	-	-	5,505,350	\$5,505,350
Project total		-	-	-	-	\$5,505,350	\$5,505,350
2006 Libraries, Senior and Cultural Centers Bonds		-	-	-	-	5,505,350	\$5,505,350
Funding total		-	-	-	-	\$5,505,350	\$5,505,350
PA75300088	HERITAGE SQUARE						
Renovate buildings, upgrade landscaping and irrigation systems and provide general building repairs to Heritage Square located at 113 North 6th Street.							
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: 8	
Construction		-	-	-	-	376,912	\$376,912
Project total		-	-	-	-	\$376,912	\$376,912
2006 Parks and Open Spaces Bonds		-	-	-	-	376,912	\$376,912
Funding total		-	-	-	-	\$376,912	\$376,912
PA75300094	LA PRADERA COMMUNITY CENTER						
Construct the La Pradera community center.							
						Function: Specialty Areas	
						Strategic Plan: Neighborhoods and Livability	
						District: 5	
Estimated full-year ongoing operating costs:		\$204,315					
Construction		-	-	-	-	3,172,360	\$3,172,360
Project total		-	-	-	-	\$3,172,360	\$3,172,360
2006 Parks and Open Spaces Bonds		-	-	-	-	3,172,360	\$3,172,360
Funding total		-	-	-	-	\$3,172,360	\$3,172,360
PA75300121	IRRIGATION						
Upgrade irrigation systems for water savings citywide.							
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		300,000	300,000	-	-	300,000	\$900,000
Project total		\$300,000	\$300,000	-	-	\$300,000	\$900,000
Parks and Preserves		300,000	300,000	-	-	300,000	\$900,000
Funding total		\$300,000	\$300,000	-	-	\$300,000	\$900,000

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75300122	PARKING LOTS						
	Renovate parking lots citywide.						
							Function: Specialty Areas
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,000,000	500,000	-	-	500,000	\$2,000,000
Project total		\$1,000,000	\$500,000	-	-	\$500,000	\$2,000,000
Parks and Preserves		1,000,000	500,000	-	-	500,000	\$2,000,000
Funding total		\$1,000,000	\$500,000	-	-	\$500,000	\$2,000,000
PA75300143	SOUTH MOUNTAIN TOWER ENTRY						
	Complete the connectivity of the security gate at the South Mountain tower site.						
							Function: Specialty Areas
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		379,212	-	-	-	-	\$379,212
Project total		\$379,212	-	-	-	-	\$379,212
Parks and Preserves		379,212	-	-	-	-	\$379,212
Funding total		\$379,212	-	-	-	-	\$379,212
PA75300146	DESERT DISCOVERY CENTER						
	Assist in the construction of a multi-use environmental and education facility.						
							Function: Specialty Areas
							Strategic Plan: Neighborhoods and Livability
							District: 2
Estimated full-year ongoing operating costs:		\$378,086					
Construction		1,000,000	-	-	-	-	\$1,000,000
Project total		\$1,000,000	-	-	-	-	\$1,000,000
Parks and Preserves		1,000,000	-	-	-	-	\$1,000,000
Funding total		\$1,000,000	-	-	-	-	\$1,000,000
PA75300195	SOUTH MOUNTAIN RAMADAS						
	Renovate ramadas at South Mountain Park.						
							Function: Specialty Areas
							Strategic Plan: Infrastructure
							District: 6 & 8
Construction		500,000	-	-	-	-	\$500,000
Project total		\$500,000	-	-	-	-	\$500,000
Parks and Preserves		500,000	-	-	-	-	\$500,000
Funding total		\$500,000	-	-	-	-	\$500,000
PA75300198	GREENWAY YARD						
	Remove existing structure to provide for additional staff from Cortez Yard in the Natural Resources Division.						
							Function: Specialty Areas
							Strategic Plan: Infrastructure
							District: 3
Construction		556,459	-	-	-	-	\$556,459
Project total		\$556,459	-	-	-	-	\$556,459
Parks and Preserves		556,459	-	-	-	-	\$556,459
Funding total		\$556,459	-	-	-	-	\$556,459

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PA75300209	TREES - CITYWIDE PLANTING						
Plant new trees in parks citywide.							
						Function: Specialty Areas	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Construction		79,973	50,000	-	-	50,000	\$179,973
Project total		\$79,973	\$50,000	-	-	\$50,000	\$179,973
Parks and Preserves		79,973	50,000	-	-	50,000	\$179,973
Funding total		\$79,973	\$50,000	-	-	\$50,000	\$179,973
PA75300218	ROSE MOFFORD SPORTS COMPLEX UPGRADES						
Renovate existing courts with new concrete, fencing, lighting and landscape improvements.							
						Function: Specialty Areas	
						Strategic Plan: Infrastructure	
						District: 3	
Construction		2,600,000	-	-	-	-	\$2,600,000
Design		141,745	-	-	-	-	\$141,745
Other		100,000	-	-	-	-	\$100,000
Project total		\$2,841,745	-	-	-	-	\$2,841,745
Parks and Preserves		2,841,745	-	-	-	-	\$2,841,745
Funding total		\$2,841,745	-	-	-	-	\$2,841,745
AR74000008	RIO SALADO ENHANCEMENTS PERCENT FOR ART						
Commission an artist to integrate art features for the Rio Salado project.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: 7 & 8	
Construction		-	-	-	-	117,053	\$117,053
Project total		-	-	-	-	\$117,053	\$117,053
2001 Environmental Improvement and Cleanup Bonds		-	-	-	-	117,053	\$117,053
Funding total		-	-	-	-	\$117,053	\$117,053
AR74000010	UNNAMED PARK PERCENT FOR ART						
Design and fabricate a community-based art project at the new park located at 32nd Avenue and McDowell Road.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: 4	
Construction		80,000	64,234	-	-	-	\$144,234
Project total		\$80,000	\$64,234	-	-	-	\$144,234
Wastewater		80,000	64,234	-	-	-	\$144,234
Funding total		\$80,000	\$64,234	-	-	-	\$144,234

Parks, Recreation and Mountain Preserves

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR74000011	KUBAN PARK PHASE II PERCENT FOR ART						
	Design and fabricate a community-based art project at Kuban Park.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7
Construction		11,768	-	-	-	-	\$11,768
Project total		\$11,768	-	-	-	-	\$11,768
Nonprofit Corporation Bonds - Wastewater		11,768	-	-	-	-	\$11,768
Funding total		\$11,768	-	-	-	-	\$11,768
AR74000014	ARTISTS' INITIATIVE VII PERCENT FOR ART						
	Develop and display temporary artworks along the Light Rail corridor.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Other		11,486	-	-	-	-	\$11,486
Project total		\$11,486	-	-	-	-	\$11,486
2006 Parks and Open Spaces Bonds		2,148	-	-	-	-	\$2,148
Water		9,338	-	-	-	-	\$9,338
Funding total		\$11,486	-	-	-	-	\$11,486
AR74000015	PIONEER LIVING HERITAGE VILLAGE PERCENT FOR ART						
	Develop artwork for the Pioneer Living Heritage Village.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 1
Construction		641	-	-	-	120,000	\$120,641
Project total		\$641	-	-	-	\$120,000	\$120,641
2006 Libraries, Senior and Cultural Centers Bonds		641	-	-	-	1,100	\$1,741
2006 Parks and Open Spaces Bonds		-	-	-	-	118,900	\$118,900
Funding total		\$641	-	-	-	\$120,000	\$120,641

Phoenix Convention Center

The \$53.0 million Phoenix Convention Center program is funded with Convention Center operating revenue, Sports Facilities funds, General Fund, 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 Herberger Theater Center and Orpheum Theatre, Symphony Hall, and the Regency, Heritage and Convention Center parking garages. Funding for a potential downtown arena feasibility study is also included.

Major projects include:

- Convention Center Audiovisual Infrastructure Improvements
- East Garage Elevator Refurbishment
- North and West Building Lighting Replacement
- North and West Building Security System Replacement
- Regency Garage Fire Sprinkler System Replacement

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Phoenix Convention Center
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Debt Service	20,449,000	-	-	-	-	\$20,449,000
Downtown Arena	250,000	-	-	-	-	\$250,000
Parking Facilities	994,500	1,439,500	4,570,500	4,753,000	3,275,000	\$15,032,500
Phoenix Convention Center	1,227,500	4,559,500	2,609,500	382,000	5,376,000	\$14,154,500
Theatres	291,500	348,750	182,000	1,742,500	553,000	\$3,117,750
Total	\$23,212,500	\$6,347,750	\$7,362,000	\$6,877,500	\$9,204,000	\$53,003,750
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Convention Center	2,513,500	4,908,250	6,083,500	4,804,500	8,325,500	\$26,635,250
General Fund	-	1,439,500	1,278,500	2,073,000	878,500	\$5,669,500
Sports Facilities	250,000	-	-	-	-	\$250,000
Total Operating Funds	\$2,763,500	\$6,347,750	\$7,362,000	\$6,877,500	\$9,204,000	\$32,554,750
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Conv. Center	20,449,000	-	-	-	-	\$20,449,000
Total Bond Funds	\$20,449,000	-	-	-	-	\$20,449,000
Program Total	\$23,212,500	\$6,347,750	\$7,362,000	\$6,877,500	\$9,204,000	\$53,003,750

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10100064	PHOENIX CONVENTION CENTER DATA CENTER STORAGE AREA NETWORK (SANS) REPLACEMENT						
	Replace data center Storage Area Network (SANS).						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
	Warranty	3,500	-	-	-	-	\$3,500
	Project total	\$3,500	-	-	-	-	\$3,500
	Convention Center	3,500	-	-	-	-	\$3,500
	Funding total	\$3,500	-	-	-	-	\$3,500
CP10100066	PHOENIX CONVENTION CENTER DATA CENTER DATA ROOM AIR CONDITIONER (DRAC) REPLACEMENT						
	Replace the data center air conditioner.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
	Construction	64,500	-	-	-	-	\$64,500
	Warranty	-	3,500	-	-	-	\$3,500
	Project total	\$64,500	\$3,500	-	-	-	\$68,000
	Convention Center	64,500	3,500	-	-	-	\$68,000
	Funding total	\$64,500	\$3,500	-	-	-	\$68,000
CP10100067	PHOENIX CONVENTION CENTER DATA CENTER UNINTERRUPTED POWER SUPPLY (UPS) REPLACEMENT						
	Replace the data center uninterrupted power supply.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
	Construction	-	-	68,500	-	-	\$68,500
	Warranty	-	-	-	3,500	-	\$3,500
	Project total	-	-	\$68,500	\$3,500	-	\$72,000
	Convention Center	-	-	68,500	3,500	-	\$72,000
	Funding total	-	-	\$68,500	\$3,500	-	\$72,000
CP10100069	DOWNTOWN ARENA FEASIBILITY ANALYSIS						
	Conduct preliminary market research and negotiations regarding feasibility of a potential new arena.						
							Function: Downtown Arena
							Strategic Plan: Economic Development and Education
							District: 8
	Study	250,000	-	-	-	-	\$250,000
	Project total	\$250,000	-	-	-	-	\$250,000
	Sports Facilities	250,000	-	-	-	-	\$250,000
	Funding total	\$250,000	-	-	-	-	\$250,000

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10200012	WEST GARAGE VARIABLE FREQUENCY DRIVE						
Construct a variable frequency drive in the West Garage.							
		Function: Phoenix Convention Center					
		Strategic Plan: Economic Development and Education					
		District: 7					
Construction		-	-	-	-	126,500	\$126,500
Project total		-	-	-	-	\$126,500	\$126,500
Convention Center		-	-	-	-	126,500	\$126,500
Funding total		-	-	-	-	\$126,500	\$126,500
CP10200017	WEST BUILDING CARPET REPLACEMENT						
Replace West Building carpet in the Executive Conference Center and Ballroom.							
		Function: Phoenix Convention Center					
		Strategic Plan: Economic Development and Education					
		District: 7					
Construction		63,000	-	-	-	-	\$63,000
Warranty		-	3,500	-	-	-	\$3,500
Project total		\$63,000	\$3,500	-	-	-	\$66,500
Convention Center		63,000	3,500	-	-	-	\$66,500
Funding total		\$63,000	\$3,500	-	-	-	\$66,500
CP10200018	WEST AND NORTH FIRE ALARM SYSTEM						
Replace building fire alarm systems.							
		Function: Phoenix Convention Center					
		Strategic Plan: Economic Development and Education					
		District: 7 & 8					
Construction		26,500	-	-	-	-	\$26,500
Warranty		3,500	-	-	-	-	\$3,500
Project total		\$30,000	-	-	-	-	\$30,000
Convention Center		30,000	-	-	-	-	\$30,000
Funding total		\$30,000	-	-	-	-	\$30,000
CP10200019	WEST BUILDING ROOF REPLACEMENT						
Replace the West Building roof.							
		Function: Phoenix Convention Center					
		Strategic Plan: Economic Development and Education					
		District: 7					
Construction		-	-	196,500	-	-	\$196,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$196,500	\$3,500	-	\$200,000
Convention Center		-	-	196,500	3,500	-	\$200,000
Funding total		-	-	\$196,500	\$3,500	-	\$200,000

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10200021	WEST BUILDING EXECUTIVE CONFERENCE CENTER AND TELECOM ROOM FAN COIL UNITS						
	Install fan coil units to eliminate the cooling of unoccupied building space at the West Building.						
							District: 7
	Construction	96,500	-	-	-	-	\$96,500
	Warranty	-	3,500	-	-	-	\$3,500
	Project total	\$96,500	\$3,500	-	-	-	\$100,000
	Convention Center	96,500	3,500	-	-	-	\$100,000
	Funding total	\$96,500	\$3,500	-	-	-	\$100,000
CP10200022	WEST GARAGE EXHAUST FAN REPLACEMENT						
	Repair and/or replace West Garage exhaust fans.						
							District: 7
	Construction	-	-	-	-	146,500	\$146,500
	Project total	-	-	-	-	\$146,500	\$146,500
	Convention Center	-	-	-	-	146,500	\$146,500
	Funding total	-	-	-	-	\$146,500	\$146,500
CP10200023	WEST GARAGE INTERIOR LIGHTING REPLACEMENT						
	Replace existing garage light bulbs with LEDs.						
							District: 7
	Construction	-	-	-	-	106,500	\$106,500
	Project total	-	-	-	-	\$106,500	\$106,500
	Convention Center	-	-	-	-	106,500	\$106,500
	Funding total	-	-	-	-	\$106,500	\$106,500
CP10400020	PHOENIX CONVENTION CENTER CLIENT CORE NETWORK EQUIPMENT						
	Replace network core equipment, including firewalls, routers and switches at the Phoenix Convention Center.						
							District: 7 & 8
	Warranty	3,500	-	-	-	-	\$3,500
	Project total	\$3,500	-	-	-	-	\$3,500
	Convention Center	3,500	-	-	-	-	\$3,500
	Funding total	\$3,500	-	-	-	-	\$3,500

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10400021	PHOENIX CONVENTION CENTER INTERIOR ELECTRIC SIGNAGE SYSTEM REPLACEMENT						
	Replace digital media signage system at the Phoenix Convention Center.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
Construction		36,500	-	-	-	-	\$36,500
Warranty		-	3,500	-	-	-	\$3,500
Project total		\$36,500	\$3,500	-	-	-	\$40,000
Convention Center		36,500	3,500	-	-	-	\$40,000
Funding total		\$36,500	\$3,500	-	-	-	\$40,000
CP10400022	NORTH BUILDING AUTOMATION SYSTEM CONTROLLER REPLACEMENT						
	Replace North Building Automation System (BAS) Continuum Network Controller.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 8
Warranty		3,500	-	-	-	-	\$3,500
Project total		\$3,500	-	-	-	-	\$3,500
Convention Center		3,500	-	-	-	-	\$3,500
Funding total		\$3,500	-	-	-	-	\$3,500
CP10400024	NORTH AND WEST BUILDING AUTOMATION SYSTEM ANDOVER HVAC/LIGHT CONTROL SYSTEM						
	Construct North/West building automation system Andover heating, ventilation, and air conditioning (HVAC) and Light Controls Systems.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
Construction		-	396,500	-	-	-	\$396,500
Warranty		-	-	3,500	-	-	\$3,500
Project total		-	\$396,500	\$3,500	-	-	\$400,000
Convention Center		-	396,500	3,500	-	-	\$400,000
Funding total		-	\$396,500	\$3,500	-	-	\$400,000
CP10400025	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM REPLACEMENT						
	Create a central video storage solution for closed circuit television system.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
Construction		426,500	-	-	-	-	\$426,500
Warranty		-	3,500	-	-	-	\$3,500
Project total		\$426,500	\$3,500	-	-	-	\$430,000
Convention Center		426,500	3,500	-	-	-	\$430,000
Funding total		\$426,500	\$3,500	-	-	-	\$430,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10400026	PHOENIX CONVENTION CENTER AUDIOVISUAL (AV) INFRASTRUCTURE IMPROVEMENTS						
	Implement improvements to lighting, video and audio control systems.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 7 & 8
Construction		-	2,662,500	2,334,000	-	-	\$4,996,500
Study		500,000	-	-	-	-	\$500,000
Warranty		-	-	-	3,500	-	\$3,500
Project total		\$500,000	\$2,662,500	\$2,334,000	\$3,500	-	\$5,500,000
Convention Center		500,000	2,662,500	2,334,000	3,500	-	\$5,500,000
Funding total		\$500,000	\$2,662,500	\$2,334,000	\$3,500	-	\$5,500,000
CP10400029	NORTH BUILDING CARPET REPLACEMENT						
	Replace carpet due to heavy traffic at the North Building.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	596,500	-	-	-	\$596,500
Warranty		-	-	3,500	-	-	\$3,500
Project total		-	\$596,500	\$3,500	-	-	\$600,000
Convention Center		-	596,500	3,500	-	-	\$600,000
Funding total		-	\$596,500	\$3,500	-	-	\$600,000
CP10400030	NORTH BUILDING ACCESS DOOR INSTALL FOR AIR HANDLERS						
	Install an entry door to access five air handling units in the North Building lower level.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	-	146,500	-	\$146,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$146,500	\$3,500	\$150,000
Convention Center		-	-	-	146,500	3,500	\$150,000
Funding total		-	-	-	\$146,500	\$3,500	\$150,000
CP10400031	NORTH/SOUTH BUILDING EXTERIOR DISPLAY BOARD REPLACEMENT						
	Replace four exterior marquee signs consisting of LED panels and controllers, one garage banner sign, and four small ticket window signs.						
							Function: Phoenix Convention Center
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	886,500	-	-	-	\$886,500
Warranty		-	-	3,500	-	-	\$3,500
Project total		-	\$886,500	\$3,500	-	-	\$890,000
Convention Center		-	886,500	3,500	-	-	\$890,000
Funding total		-	\$886,500	\$3,500	-	-	\$890,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP10400032	NORTH/WEST BUILDING LIGHTING REPLACEMENT						
	Function: Phoenix Convention Center						
	Replace the obsolete Lutron Graphics 7000 building lighting system in the North and West buildings.						
	Strategic Plan: Economic Development and Education						
	District: 7 & 8						
Construction		-	-	-	-	2,496,500	\$2,496,500
Design		-	-	-	225,000	-	\$225,000
Project total		-	-	-	\$225,000	\$2,496,500	\$2,721,500
Convention Center		-	-	-	225,000	2,496,500	\$2,721,500
Funding total		-	-	-	\$225,000	\$2,496,500	\$2,721,500
CP10400033	NORTH/WEST BUILDING SECURITY SYSTEM REPLACEMENT						
	Function: Phoenix Convention Center						
	Replace the original security system at the North and West buildings.						
	Strategic Plan: Economic Development and Education						
	District: 7 & 8						
Construction		-	-	-	-	2,496,500	\$2,496,500
Project total		-	-	-	-	\$2,496,500	\$2,496,500
Convention Center		-	-	-	-	2,496,500	\$2,496,500
Funding total		-	-	-	-	\$2,496,500	\$2,496,500
CP20100007	HERBERGER THEATER STAGE DIGITAL AUDIO AND SPEAKER SYSTEM UPGRADE						
	Function: Theatres						
	Upgrade the Herberger Theater Stage digital audio and speaker system.						
	Strategic Plan: Economic Development and Education						
	District: 7						
Design		-	-	-	-	90,000	\$90,000
Project total		-	-	-	-	\$90,000	\$90,000
Convention Center		-	-	-	-	90,000	\$90,000
Funding total		-	-	-	-	\$90,000	\$90,000
CP20100010	HERBERGER ELECTRIC GENERATOR ASSESSMENT/REPLACEMENT						
	Function: Theatres						
	Replace the existing generator and associated equipment.						
	Strategic Plan: Economic Development and Education						
	District: 7						
Design		-	-	-	-	10,000	\$10,000
Project total		-	-	-	-	\$10,000	\$10,000
Convention Center		-	-	-	-	10,000	\$10,000
Funding total		-	-	-	-	\$10,000	\$10,000

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP20100011	HERBERGER FALL PROTECTION SYSTEM REPLACEMENT						
	Replace the existing fall protection system at the Herberger Theater.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Design	-	-	-	-	10,000	\$10,000
	Project total	-	-	-	-	\$10,000	\$10,000
	Convention Center	-	-	-	-	10,000	\$10,000
	Funding total	-	-	-	-	\$10,000	\$10,000
CP20100014	HERBERGER DIMMER RACKS CENTER STAGE						
	Design and replace center stage dimmer racks at Herberger Theater.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Design	-	-	-	-	70,000	\$70,000
	Project total	-	-	-	-	\$70,000	\$70,000
	Convention Center	-	-	-	-	70,000	\$70,000
	Funding total	-	-	-	-	\$70,000	\$70,000
CP20100022	HERBERGER SEWER EJECTOR PUMP REPLACEMENT						
	Design and replace the existing sewer ejector system and associated equipment.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Construction	-	-	-	-	146,500	\$146,500
	Project total	-	-	-	-	\$146,500	\$146,500
	Convention Center	-	-	-	-	146,500	\$146,500
	Funding total	-	-	-	-	\$146,500	\$146,500
CP20100023	HERBERGER STAGE WEST DIMMER RACK REPLACEMENT						
	Design and replace eight theatrical dimmer racks in Stage West which provide production lighting for staged events.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Design	-	-	-	-	70,000	\$70,000
	Project total	-	-	-	-	\$70,000	\$70,000
	Convention Center	-	-	-	-	70,000	\$70,000
	Funding total	-	-	-	-	\$70,000	\$70,000
CP20100024	HERBERGER ELECTRICAL PIPE WIRING/ RIGGING REPLACEMENT						
	Replace all components of the existing power distribution cable pick system for pipe battens.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Design	-	-	-	-	10,000	\$10,000
	Project total	-	-	-	-	\$10,000	\$10,000
	Convention Center	-	-	-	-	10,000	\$10,000
	Funding total	-	-	-	-	\$10,000	\$10,000

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP20200008	ORPHEUM THEATRE CARPET						
	Install custom carpet at Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		30,000	-	-	-	-	\$30,000
Project total		\$30,000	-	-	-	-	\$30,000
Convention Center		30,000	-	-	-	-	\$30,000
Funding total		\$30,000	-	-	-	-	\$30,000
CP20200009	ORPHEUM THEATRE REROOF						
	Reroof Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		30,000	-	-	-	-	\$30,000
Project total		\$30,000	-	-	-	-	\$30,000
Convention Center		30,000	-	-	-	-	\$30,000
Funding total		\$30,000	-	-	-	-	\$30,000
CP20200010	ORPHEUM AIR HEATING, VENTILATION AND AIR CONDITIONING (HVAC)/BUILDING AUTOMATION SYSTEM (BAS)						
	Refurbish the air handler and fan coil at Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		30,000	-	-	-	-	\$30,000
Project total		\$30,000	-	-	-	-	\$30,000
Convention Center		30,000	-	-	-	-	\$30,000
Funding total		\$30,000	-	-	-	-	\$30,000
CP20200012	ORPHEUM THEATRE MARQUEE						
	Replace the marquee at Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		176,500	-	-	-	-	\$176,500
Warranty		-	3,500	-	-	-	\$3,500
Project total		\$176,500	\$3,500	-	-	-	\$180,000
Convention Center		176,500	3,500	-	-	-	\$180,000
Funding total		\$176,500	\$3,500	-	-	-	\$180,000
CP20200013	ORPHEUM THEATRE EXTERIOR LIGHTING						
	Replace exterior lighting at the Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		-	-	-	156,500	-	\$156,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$156,500	\$3,500	\$160,000
Convention Center		-	-	-	156,500	3,500	\$160,000
Funding total		-	-	-	\$156,500	\$3,500	\$160,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP20200014	ORPHEUM THEATRE EXTERIOR REHABILITATION						
	Repair deterioration and corrosion to the exterior of Orpheum Theatre.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		-	-	-	681,500	-	\$681,500
Design		-	-	75,000	-	-	\$75,000
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	\$75,000	\$681,500	\$3,500	\$760,000
Convention Center		-	-	75,000	681,500	3,500	\$760,000
Funding total		-	-	\$75,000	\$681,500	\$3,500	\$760,000
CP20200015	ORPHEUM THEATRE AUDIO SYSTEM						
	Replace Orpheum Theatre audio system.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Design		-	-	40,000	271,500	-	\$311,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	\$40,000	\$271,500	\$3,500	\$315,000
Convention Center		-	-	40,000	271,500	3,500	\$315,000
Funding total		-	-	\$40,000	\$271,500	\$3,500	\$315,000
CP20200016	ORPHEUM THEATRE SEATS						
	Refurbish Orpheum Theatre seating.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		-	-	-	356,500	-	\$356,500
Design		-	-	30,000	-	-	\$30,000
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	\$30,000	\$356,500	\$3,500	\$390,000
Convention Center		-	-	30,000	356,500	3,500	\$390,000
Funding total		-	-	\$30,000	\$356,500	\$3,500	\$390,000
CP20200017	ORPHEUM THEATRE STAGE FLOOR						
	Replace Orpheum Theatre stage floor.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
Construction		-	-	-	276,500	-	\$276,500
Design		-	-	30,000	-	-	\$30,000
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	\$30,000	\$276,500	\$3,500	\$310,000
Convention Center		-	-	30,000	276,500	3,500	\$310,000
Funding total		-	-	\$30,000	\$276,500	\$3,500	\$310,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP20200018	ORPHEUM THEATRE AUDIENCE ELEVATOR REFURBISHMENT						
	Design and replace finishes in the cab and exterior fascia of the lobby/audience elevator.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Design	-	-	-	-	50,000	\$50,000
	Project total	-	-	-	-	\$50,000	\$50,000
	Convention Center	-	-	-	-	50,000	\$50,000
	Funding total	-	-	-	-	\$50,000	\$50,000
CP20200019	ORPHEUM THEATRE FALL PROTECTION REPLACEMENT						
	Design and install Orpheum Theatre fall protection.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Construction	-	-	-	-	79,000	\$79,000
	Project total	-	-	-	-	\$79,000	\$79,000
	Convention Center	-	-	-	-	79,000	\$79,000
	Funding total	-	-	-	-	\$79,000	\$79,000
CP20300024	SYMPHONY HALL FIRE CURTAIN RIGGING AND MOTOR						
	Replace fire curtain and associated mechanical and motorized rigging in Symphony Hall.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Construction	-	246,500	-	-	-	\$246,500
	Design	25,000	-	-	-	-	\$25,000
	Warranty	-	-	3,500	-	-	\$3,500
	Project total	\$25,000	\$246,500	\$3,500	-	-	\$275,000
	Convention Center	25,000	246,500	3,500	-	-	\$275,000
	Funding total	\$25,000	\$246,500	\$3,500	-	-	\$275,000
CP20300026	SYMPHONY HALL REPLACEMENT AUDIO/PHONE ROOM AIR CONDITIONING						
	Design and replace Symphony Hall air conditioning with a chilled-water fan coil unit.						
							Function: Theatres
							Strategic Plan: Economic Development and Education
							District: 7
	Construction	-	98,750	-	-	-	\$98,750
	Warranty	-	-	3,500	-	-	\$3,500
	Project total	-	\$98,750	\$3,500	-	-	\$102,250
	Convention Center	-	98,750	3,500	-	-	\$102,250
	Funding total	-	\$98,750	\$3,500	-	-	\$102,250

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
CP30200008	EAST GARAGE EXPANSION JOINT REPLACEMENT							
		Function: Parking Facilities						
	Design and install new expansion joints in the East Garage.	Strategic Plan: Economic Development and Education						
		District: 8						
	Construction	-	-	-	1,162,500	-	\$1,162,500	
	Warranty	-	-	-	-	3,500	\$3,500	
	Project total	-	-	-	\$1,162,500	\$3,500	\$1,166,000	
	Convention Center	-	-	-	1,162,500	3,500	\$1,166,000	
	Funding total	-	-	-	\$1,162,500	\$3,500	\$1,166,000	
CP30200018	EAST GARAGE PAINT EXTERIOR INSULATION AND FINISHING SYSTEM							
		Function: Parking Facilities						
	Paint the East Garage exterior insulation and finishing system.	Strategic Plan: Economic Development and Education						
		District: 8						
	Construction	-	-	509,500	-	-	\$509,500	
	Warranty	-	-	-	3,500	-	\$3,500	
	Project total	-	-	\$509,500	\$3,500	-	\$513,000	
	Convention Center	-	-	509,500	3,500	-	\$513,000	
	Funding total	-	-	\$509,500	\$3,500	-	\$513,000	
CP30200024	EAST GARAGE ELEVATOR REFURBISHMENT							
		Function: Parking Facilities						
	Refurbish elevators to include critical mechanical parts and cab interiors.	Strategic Plan: Economic Development and Education						
		District: 8						
	Construction	-	-	1,496,500	1,500,000	1,500,000	\$4,496,500	
	Project total	-	-	\$1,496,500	\$1,500,000	\$1,500,000	\$4,496,500	
	Convention Center	-	-	1,496,500	1,500,000	1,500,000	\$4,496,500	
	Funding total	-	-	\$1,496,500	\$1,500,000	\$1,500,000	\$4,496,500	
CP30200025	EAST GARAGE EXHAUST FAN REPLACEMENT							
		Function: Parking Facilities						
	Replace the East Garage exhaust fan.	Strategic Plan: Economic Development and Education						
		District: 8						
	Construction	-	-	196,500	-	-	\$196,500	
	Warranty	-	-	-	3,500	-	\$3,500	
	Project total	-	-	\$196,500	\$3,500	-	\$200,000	
	Convention Center	-	-	196,500	3,500	-	\$200,000	
	Funding total	-	-	\$196,500	\$3,500	-	\$200,000	

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP30200026	EAST GARAGE INTERIOR PAINT						
Paint the East Garage interior.							
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	446,500	-	-	\$446,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$446,500	\$3,500	-	\$450,000
Convention Center		-	-	446,500	3,500	-	\$450,000
Funding total		-	-	\$446,500	\$3,500	-	\$450,000
CP30200027	EAST GARAGE LANDSCAPING						
Landscape the East Garage.							
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	246,500	-	-	\$246,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$246,500	\$3,500	-	\$250,000
Convention Center		-	-	246,500	3,500	-	\$250,000
Funding total		-	-	\$246,500	\$3,500	-	\$250,000
CP30200028	EAST GARAGE AUTOMATED ACCESS EQUIPMENT REPLACEMENT						
Replace automated garage parking equipment.							
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
							District: 8
Construction		105,000	-	-	-	-	\$105,000
Project total		\$105,000	-	-	-	-	\$105,000
Convention Center		105,000	-	-	-	-	\$105,000
Funding total		\$105,000	-	-	-	-	\$105,000
CP30200029	EAST GARAGE CAULKING REPLACEMENT						
Replace deteriorated caulking in the East Garage.							
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	396,500	-	-	\$396,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$396,500	\$3,500	-	\$400,000
Convention Center		-	-	396,500	3,500	-	\$400,000
Funding total		-	-	\$396,500	\$3,500	-	\$400,000
CP30200030	EAST GARAGE MAIN DIRECTIONAL/ EVENT SIGNAGE						
Replace faded and missing directional signage.							
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	-	-	746,500	\$746,500
Project total		-	-	-	-	\$746,500	\$746,500
Convention Center		-	-	-	-	746,500	\$746,500
Funding total		-	-	-	-	\$746,500	\$746,500

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP30300020	HERITAGE GARAGE EXTERIOR SIGNAGE						
Replace Heritage Garage exterior signage.							
Construction		-	-	146,500	-	-	\$146,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$146,500	\$3,500	-	\$150,000
General Fund		-	-	146,500	3,500	-	\$150,000
Funding total		-	-	\$146,500	\$3,500	-	\$150,000
CP30300023	GENERAL FUND GARAGES FACILITY ASSESSMENT						
Conduct a facility assessment of the Regency and Heritage garages.							
Construction		-	-	-	146,500	-	\$146,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$146,500	\$3,500	\$150,000
General Fund		-	-	-	146,500	3,500	\$150,000
Funding total		-	-	-	\$146,500	\$3,500	\$150,000
CP30300025	HERITAGE GARAGE AUTOMATED ACCESS EQUIPMENT REPLACEMENT						
Replace automated garage parking equipment.							
Construction		135,000	-	-	-	-	\$135,000
Project total		\$135,000	-	-	-	-	\$135,000
Convention Center		135,000	-	-	-	-	\$135,000
Funding total		\$135,000	-	-	-	-	\$135,000
CP30300026	HERITAGE GARAGE OFFICE REMODEL						
Replace original bathroom fixtures and furniture.							
Construction		-	-	-	-	206,500	\$206,500
Project total		-	-	-	-	\$206,500	\$206,500
General Fund		-	-	-	-	206,500	\$206,500
Funding total		-	-	-	-	\$206,500	\$206,500

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP30300027	HERITAGE GARAGE STRUCTURAL COLUMN REPAIR						
	Replace a main weight-bearing column that has experienced structural damage.						
							District: 8
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
Construction		130,000	-	-	-	-	\$130,000
Warranty		-	3,500	-	-	-	\$3,500
Project total		\$130,000	\$3,500	-	-	-	\$133,500
Convention Center		130,000	-	-	-	-	\$130,000
General Fund		-	3,500	-	-	-	\$3,500
Funding total		\$130,000	\$3,500	-	-	-	\$133,500
CP30700020	REGENCY GARAGE CAULKING REPLACEMENT						
	Replace caulking at Regency Garage.						
							District: 7
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
Construction		-	746,500	-	-	-	\$746,500
Warranty		-	-	3,500	-	-	\$3,500
Project total		-	\$746,500	\$3,500	-	-	\$750,000
General Fund		-	746,500	3,500	-	-	\$750,000
Funding total		-	\$746,500	\$3,500	-	-	\$750,000
CP30700021	REGENCY GARAGE FIRE PUMP REPLACEMENT						
	Replace the fire sprinkler system at Regency Garage.						
							District: 7
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
Construction		-	-	-	1,396,500	-	\$1,396,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$1,396,500	\$3,500	\$1,400,000
General Fund		-	-	-	1,396,500	3,500	\$1,400,000
Funding total		-	-	-	\$1,396,500	\$3,500	\$1,400,000
CP30700023	REGENCY GARAGE EXTERIOR SIGNAGE						
	Replace Regency Garage exterior signage.						
							District: 7
							Function: Parking Facilities
							Strategic Plan: Economic Development and Education
Construction		-	-	-	196,500	-	\$196,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$196,500	\$3,500	\$200,000
General Fund		-	-	-	196,500	3,500	\$200,000
Funding total		-	-	-	\$196,500	\$3,500	\$200,000

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP30700024	REGENCY GARAGE SWITCHGEAR REPLACEMENT						
	Replace a switch gear at Regency Garage.						
				Strategic Plan: Economic Development and Education			District: 7
				Function: Parking Facilities			
Construction		-	196,500	-	-	-	\$196,500
Warranty		-	-	3,500	-	-	\$3,500
Project total		-	\$196,500	\$3,500	-	-	\$200,000
General Fund		-	196,500	3,500	-	-	\$200,000
Funding total		-	\$196,500	\$3,500	-	-	\$200,000
CP30700025	REGENCY GARAGE SECURITY CAMERA SYSTEM						
	Install a security camera system at Regency Garage.						
				Strategic Plan: Economic Development and Education			District: 7
				Function: Parking Facilities			
Construction		-	-	146,500	-	-	\$146,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$146,500	\$3,500	-	\$150,000
General Fund		-	-	146,500	3,500	-	\$150,000
Funding total		-	-	\$146,500	\$3,500	-	\$150,000
CP30700026	REGENCY GARAGE ROOF LEVEL DEMO AND REPAIR						
	Conduct a demolition and repair of the Regency Garage roof level.						
				Strategic Plan: Economic Development and Education			District: 7
				Function: Parking Facilities			
Construction		-	-	971,500	-	-	\$971,500
Warranty		-	-	-	3,500	-	\$3,500
Project total		-	-	\$971,500	\$3,500	-	\$975,000
General Fund		-	-	971,500	3,500	-	\$975,000
Funding total		-	-	\$971,500	\$3,500	-	\$975,000
CP30700029	REGENCY GARAGE EXTERIOR PAINTING						
	Paint and repair the exterior walls of the Regency Garage.						
				Strategic Plan: Economic Development and Education			District: 7
				Function: Parking Facilities			
Construction		-	-	-	146,500	-	\$146,500
Warranty		-	-	-	-	3,500	\$3,500
Project total		-	-	-	\$146,500	\$3,500	\$150,000
General Fund		-	-	-	146,500	3,500	\$150,000
Funding total		-	-	-	\$146,500	\$3,500	\$150,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Phoenix Convention Center

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
CP31200001	NORTH GARAGE AUTOMATED ACCESS EQUIPMENT REPLACEMENT						
							Function: Parking Facilities
Replace automated garage parking equipment.							Strategic Plan: Economic Development and Education
							District: 8
Construction		99,000	-	-	-	-	\$99,000
Project total		\$99,000	-	-	-	-	\$99,000
Convention Center		99,000	-	-	-	-	\$99,000
Funding total		\$99,000	-	-	-	-	\$99,000
CP31200002	NORTH GARAGE INTERIOR LIGHTING REPLACEMENT						
							Function: Parking Facilities
Replace existing failing light bulbs with LED bulbs.							Strategic Plan: Economic Development and Education
							District: 8
Construction		-	-	-	-	146,500	\$146,500
Project total		-	-	-	-	\$146,500	\$146,500
Convention Center		-	-	-	-	146,500	\$146,500
Funding total		-	-	-	-	\$146,500	\$146,500
BCCPZ2005F	DEBT SERVICE - PHOENIX CONVENTION CENTER						
							Function: Debt Service
Principal and interest for State of Arizona portion of Phoenix Convention Center expansion bonds series 2005B.							Strategic Plan: Financial Excellence
							District: 7 & 8
Other		20,449,000	-	-	-	-	\$20,449,000
Project total		\$20,449,000	-	-	-	-	\$20,449,000
Nonprofit Corporation Bonds - Conv. Center		20,449,000	-	-	-	-	\$20,449,000
Funding total		\$20,449,000	-	-	-	-	\$20,449,000



City of Phoenix

POLICE PROTECTION

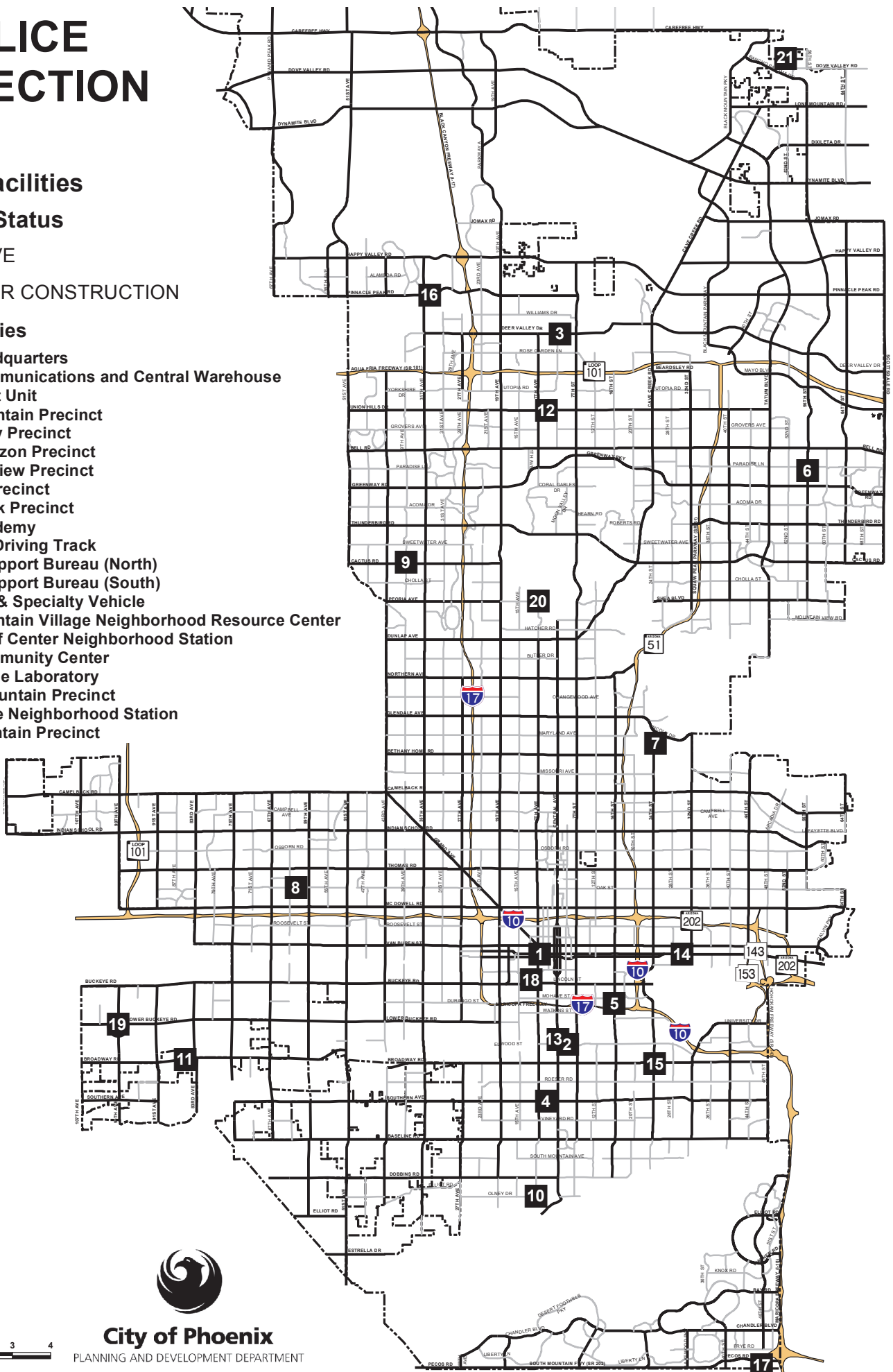
Police Facilities

Station Status

- ACTIVE
- UNDER CONSTRUCTION

Active Facilities

- 1 Police Headquarters
- 2 Police Communications and Central Warehouse
- 3 Air Support Unit
- 4 South Mountain Precinct
- 5 Central City Precinct
- 6 Desert Horizon Precinct
- 7 Mountain View Precinct
- 8 Maryvale Precinct
- 9 Cactus Park Precinct
- 10 Police Academy
- 11 Defensive Driving Track
- 12 Tactical Support Bureau (North)
- 13 Tactical Support Bureau (South)
- 14 MDT Shop & Specialty Vehicle
- 15 South Mountain Village Neighborhood Resource Center
- 16 Golet Beuf Center Neighborhood Station
- 17 Pecos Community Center
- 18 Police Crime Laboratory
- 19 Estrella Mountain Precinct
- 20 Sunnyslope Neighborhood Station
- 21 Black Mountain Precinct



City of Phoenix

PLANNING AND DEVELOPMENT DEPARTMENT

May 12, 2016

Police Protection

The Police Protection program totals \$23.7 million and is funded with Court Awards and 2001 and 2006 General Obligation Bond funds, \$22.8 million of which are delayed indefinitely due to reductions of property tax revenue.

Projects delayed indefinitely include:

- Aircraft hangar facilities at the Phoenix Deer Valley Airport
- Land acquisition for future expansion
- Various police facilities renovations

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Police Protection
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
Percent for Art	-	-	-	-	416,959	\$416,959
Police Aviation Facilities	-	-	-	-	3,960,778	\$3,960,778
Police Facilities	-	-	-	-	17,937,181	\$17,937,181
Police Technology	965,000	-	-	-	-	\$965,000
Training Facilities	-	-	-	-	440,000	\$440,000
Total	\$965,000	-	-	-	\$22,754,918	\$23,719,918
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Court Awards	900,000	-	-	-	-	\$900,000
Total Operating Funds	\$900,000	-	-	-	-	\$900,000
<u>Bond Funds</u>						
2001 General Obligation Bonds	-	-	-	-	626,000	\$626,000
2006 General Obligation Bonds	65,000	-	-	-	22,128,918	\$22,193,918
Total Bond Funds	\$65,000	-	-	-	\$22,754,918	\$22,819,918
Program Total	\$965,000	-	-	-	\$22,754,918	\$23,719,918

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Police Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PD0000017	FIRING RANGE AND DRIVING TRACK IMPROVEMENTS						
Construct improvements to the police firing range and police driving track.							
						Function: Training Facilities	
						Strategic Plan: Public Safety	
						District: Citywide	
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Construction		-	-	-	-	440,000	\$440,000
Project total		-	-	-	-	\$440,000	\$440,000
2001 Police Protection Facilities and Equipment Bonds		-	-	-	-	440,000	\$440,000
Funding total		-	-	-	-	\$440,000	\$440,000
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PD0000021	FACILITIES RENOVATIONS						
Renovate Police Department facilities.							
						Function: Police Facilities	
						Strategic Plan: Public Safety	
						District: Citywide	
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Construction		-	-	-	-	186,000	\$186,000
Project total		-	-	-	-	\$186,000	\$186,000
2001 Police Protection Facilities and Equipment Bonds		-	-	-	-	186,000	\$186,000
Funding total		-	-	-	-	\$186,000	\$186,000
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PD0000043	POLICE AIRCRAFT HANGAR FACILITIES						
Design, construct and equip a hangar at Deer Valley Phoenix Airport.							
						Function: Police Aviation Facilities	
						Strategic Plan: Public Safety	
						District: 1	
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Construction		-	-	-	-	2,851,000	\$2,851,000
Design		-	-	-	-	1,031,778	\$1,031,778
Equipment		-	-	-	-	78,000	\$78,000
Project total		-	-	-	-	\$3,960,778	\$3,960,778
2006 Police, Fire and Homeland Security Bonds		-	-	-	-	3,960,778	\$3,960,778
Funding total		-	-	-	-	\$3,960,778	\$3,960,778
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PD0000046	POLICE COMPUTER-AIDED DISPATCH (CAD) UPGRADE						
Complete the upgrade of the CAD system.							
						Function: Police Technology	
						Strategic Plan: Public Safety	
						District: Citywide	
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Equipment		65,000	-	-	-	-	\$65,000
Project total		\$65,000	-	-	-	-	\$65,000
2006 Police, Fire and Homeland Security Bonds		65,000	-	-	-	-	\$65,000
Funding total		\$65,000	-	-	-	-	\$65,000
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2016-2021 CAPITAL IMPROVEMENT PROGRAM

Police Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PD0000047	NORTHWEST PRECINCT LAND						
	Purchase land for the Northwest Precinct.						
	Land Acquisition	-	-	-	-	2,597,072	\$2,597,072
	Project total	-	-	-	-	\$2,597,072	\$2,597,072
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	2,597,072	\$2,597,072
	Funding total	-	-	-	-	\$2,597,072	\$2,597,072
PD0000049	NORTHWEST / CACTUS PRECINCT						
	Renovate and modify a new Northwest Precinct at 2222 West Greenway Road.						
	Construction	-	-	-	-	12,772,335	\$12,772,335
	Design	-	-	-	-	2,147,493	\$2,147,493
	Project total	-	-	-	-	\$14,919,828	\$14,919,828
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	14,919,828	\$14,919,828
	Funding total	-	-	-	-	\$14,919,828	\$14,919,828
PD0000050	POLICE AUTOMATED COMPUTER ENTRY (PACE) UPGRADE/REPLACEMENT						
	Evaluate, upgrade or replace the PACE system.						
	Equipment	900,000	-	-	-	-	\$900,000
	Project total	\$900,000	-	-	-	-	\$900,000
	Court Awards	900,000	-	-	-	-	\$900,000
	Funding total	\$900,000	-	-	-	-	\$900,000
PD0000072	POLICE FACILITIES RENOVATIONS						
	Renovate Police Department facilities.						
	Construction	-	-	-	-	234,281	\$234,281
	Project total	-	-	-	-	\$234,281	\$234,281
	2006 Police, Fire and Homeland Security Bonds	-	-	-	-	234,281	\$234,281
	Funding total	-	-	-	-	\$234,281	\$234,281

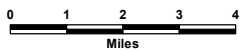
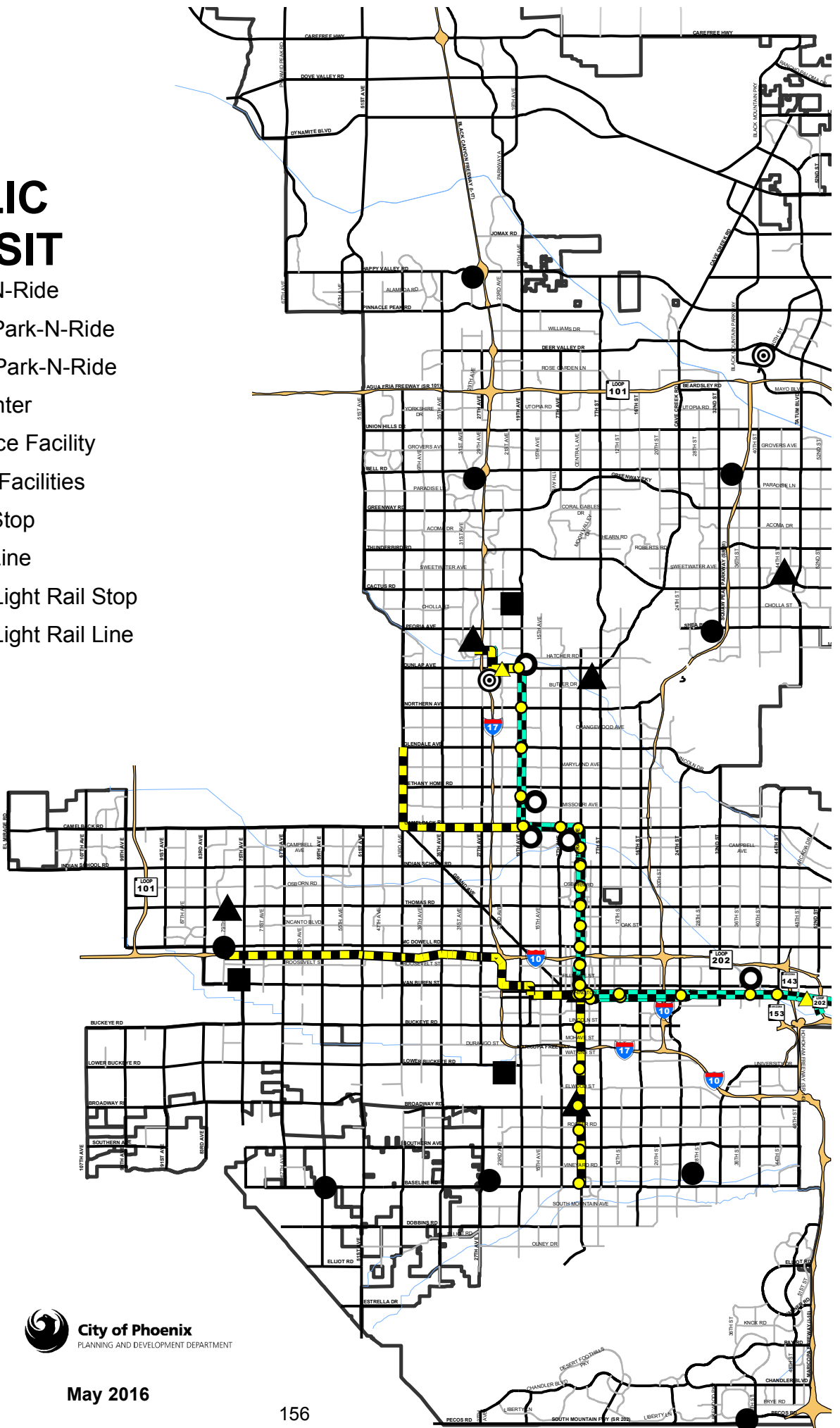
2016-2021 CAPITAL IMPROVEMENT PROGRAM

Police Protection

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR48000006	FUTURE POLICE PRECINCT PERCENT FOR ART						
Construct integrated artwork for public areas of a future precinct.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: Citywide	
Construction		-	-	-	-	186,780	\$186,780
Project total		-	-	-	-	\$186,780	\$186,780
2006 Police, Fire and Homeland Security Bonds		-	-	-	-	186,780	\$186,780
Funding total		-	-	-	-	\$186,780	\$186,780
AR48000007	POLICE PRECINCT 700 PERCENT FOR ART						
Construct integrated artwork for public areas of a precinct located at 24th Street and Lincoln Drive.							
						Function: Percent for Art	
						Strategic Plan: Neighborhoods and Livability	
						District: 6	
Construction		-	-	-	-	230,179	\$230,179
Project total		-	-	-	-	\$230,179	\$230,179
2006 Police, Fire and City Technology Bonds		-	-	-	-	9,000	\$9,000
2006 Police, Fire and Homeland Security Bonds		-	-	-	-	221,179	\$221,179
Funding total		-	-	-	-	\$230,179	\$230,179

PUBLIC TRANSIT

- Bus Park-N-Ride
- Light Rail Park-N-Ride
- ◎ Proposed Park-N-Ride
- ▲ Transit Center
- Maintenance Facility
- Multimodal Facilities
- Light Rail Stop
- ▬ Light Rail Line
- ▲ Proposed Light Rail Stop
- ▬ Proposed Light Rail Line



Public Transit

The Public Transit program totals \$354.2 million and is funded with Arizona Highway User revenue, other restricted funds, Transit 2000 and Transportation 2050 revenue, 2006 General Obligation Bonds, operating and capital grants and Regional Transportation revenue including the half-cent countywide sales tax.

Phoenix voters approved Transportation 2050, a 0.7 percent sales tax, effective January 1, 2016, to fund the city's Comprehensive Transportation Plan including new light rail lines, bus expansion and street improvements. This tax supersedes the 0.4 percent Transit 2000 sales tax approved by voters in March 2000.

Major projects in the Public Transit program include:

- Purchase buses and Dial-A-Ride vehicles
- Improve and maintain bus stops, bus pullouts, passenger facilities and maintenance facilities
- Add a light rail station near 48th Street, passenger bus facility in Laveen and improve infrastructure at Public Transit headquarters building
- Implement technology enhancements including transit communication and fare collection system projects
- Provide for contingency project funding and staff charges related to Light Rail

General Obligation Bond funded projects total \$0.1 million, which are delayed indefinitely due to property tax revenue reductions.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Public Transit
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
Bus and Vehicle Acquisition	76,756,366	28,810,000	24,985,000	27,048,000	50,838,000	\$208,437,366
Contingencies	12,000,000	-	-	-	-	\$12,000,000
Facilities	3,058,648	396,600	300,000	300,000	300,000	\$4,355,248
Light Rail	-	5,000,000	5,000,000	5,000,000	-	\$15,000,000
Light Rail (Non Federal)	22,190,000	-	-	-	-	\$22,190,000
Light Rail Northwest Extension	4,499,000	72,000	62,000	62,000	62,000	\$4,757,000
Northeast Corridor Light Rail	15,000	-	-	-	-	\$15,000
Other Transit Projects	729,216	534,141	551,945	583,765	610,453	\$3,009,520
Passenger Facilities	9,504,442	3,273,135	3,363,182	3,376,204	3,404,204	\$22,921,167
Percent for Art	-	-	-	-	88,000	\$88,000
Planning Projects	224,358	75,000	75,000	75,000	75,000	\$524,358
Technology/Communications	27,365,053	620,000	32,090,000	390,000	390,000	\$60,855,053
West Phoenix/Glendale Light Rail	25,000	-	-	-	-	\$25,000
Total	\$156,367,083	\$38,780,876	\$66,427,127	\$36,834,969	\$55,767,657	\$354,177,712
Source of Funds						
<u>Operating Funds</u>						
Arizona Highway User Revenue	-	5,000,000	5,000,000	5,000,000	-	\$15,000,000
Operating Grants	71,464,860	22,923,663	45,595,091	23,278,863	22,994,963	\$186,257,440
Other Restricted	2,647,653	106,600	-	-	-	\$2,754,253
Regional Transit	28,321,121	3,991,300	9,757,750	4,092,100	4,003,000	\$50,165,271
Transit 2000	149,358	-	-	-	-	\$149,358
Transportation 2050	33,941,255	6,759,313	6,074,286	4,464,006	28,681,694	\$79,920,554
Total Operating Funds	\$136,524,247	\$38,780,876	\$66,427,127	\$36,834,969	\$55,679,657	\$334,246,876
<u>Bond Funds</u>						
2006 General Obligation Bonds	-	-	-	-	88,000	\$88,000
Total Bond Funds	-	-	-	-	\$88,000	\$88,000
<u>Other Capital Funds</u>						
Capital Grants	19,842,836	-	-	-	-	\$19,842,836
Total Other Capital Funds	\$19,842,836	-	-	-	-	\$19,842,836
Program Total	\$156,367,083	\$38,780,876	\$66,427,127	\$36,834,969	\$55,767,657	\$354,177,712

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00110001	STANDARD BUSES						
Purchase standard buses.							
		Function: Bus and Vehicle Acquisition Strategic Plan: Infrastructure District: Citywide					
Equipment		73,985,519	26,885,000	22,625,000	24,173,000	48,638,000	\$196,306,519
Project total		\$73,985,519	\$26,885,000	\$22,625,000	\$24,173,000	\$48,638,000	\$196,306,519
Operating Grants		62,885,141	20,924,450	19,231,250	20,514,650	20,804,000	\$144,359,491
Regional Transit		11,100,378	3,692,550	3,393,750	3,658,350	3,671,000	\$25,516,028
Transportation 2050		-	2,268,000	-	-	24,163,000	\$26,431,000
Funding total		\$73,985,519	\$26,885,000	\$22,625,000	\$24,173,000	\$48,638,000	\$196,306,519
PT00110003	DIAL-A-RIDE VEHICLE REPLACEMENT						
Purchase Dial-A-Ride replacement vehicles.							
		Function: Bus and Vehicle Acquisition Strategic Plan: Infrastructure District: Citywide					
Equipment		-	1,725,000	2,160,000	2,625,000	1,950,000	\$8,460,000
Project total		-	\$1,725,000	\$2,160,000	\$2,625,000	\$1,950,000	\$8,460,000
Operating Grants		-	1,466,250	1,836,000	2,231,250	1,658,000	\$7,191,500
Regional Transit		-	258,750	324,000	393,750	292,000	\$1,268,500
Funding total		-	\$1,725,000	\$2,160,000	\$2,625,000	\$1,950,000	\$8,460,000
PT00110019	BUS MAKE-READY						
Install Vehicle Management System equipment, fareboxes and graphics in newly acquired buses.							
		Function: Bus and Vehicle Acquisition Strategic Plan: Infrastructure District: Citywide					
Equipment		550,390	200,000	200,000	250,000	250,000	\$1,450,390
Project total		\$550,390	\$200,000	\$200,000	\$250,000	\$250,000	\$1,450,390
Transportation 2050		550,390	200,000	200,000	250,000	250,000	\$1,450,390
Funding total		\$550,390	\$200,000	\$200,000	\$250,000	\$250,000	\$1,450,390
PT00120029	PARK-AND-RIDE ANNUAL MAINTENANCE						
Refurbish Park-And-Ride facilities.							
		Function: Passenger Facilities Strategic Plan: Infrastructure District: Citywide					
Construction		200,000	200,000	250,000	250,000	250,000	\$1,150,000
Project total		\$200,000	\$200,000	\$250,000	\$250,000	\$250,000	\$1,150,000
Transportation 2050		200,000	200,000	250,000	250,000	250,000	\$1,150,000
Funding total		\$200,000	\$200,000	\$250,000	\$250,000	\$250,000	\$1,150,000
PT00120030	TRANSIT CENTER ANNUAL MAINTENANCE						
Refurbish Transit Center facilities.							
		Function: Passenger Facilities Strategic Plan: Infrastructure District: Citywide					
Construction		100,000	100,000	125,000	125,000	125,000	\$575,000
Project total		\$100,000	\$100,000	\$125,000	\$125,000	\$125,000	\$575,000
Transportation 2050		100,000	100,000	125,000	125,000	125,000	\$575,000
Funding total		\$100,000	\$100,000	\$125,000	\$125,000	\$125,000	\$575,000

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00120055	VACANT PROPERTY MAINTENANCE						
Maintain vacant property for future construction.						Function: Passenger Facilities	
						Strategic Plan: Sustainability	
						District: Citywide	
Land Acquisition		36,000	36,000	25,000	25,000	25,000	\$147,000
Project total		\$36,000	\$36,000	\$25,000	\$25,000	\$25,000	\$147,000
Transportation 2050		36,000	36,000	25,000	25,000	25,000	\$147,000
Funding total		\$36,000	\$36,000	\$25,000	\$25,000	\$25,000	\$147,000
PT00120064	BUS STOP AND SHELTER IMPROVEMENTS						
Improve bus stops, replace and/or install new lighting and shade structures.						Function: Passenger Facilities	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		785,906	520,931	546,978	560,000	588,000	\$3,001,815
Project total		\$785,906	\$520,931	\$546,978	\$560,000	\$588,000	\$3,001,815
Transportation 2050		785,906	520,931	546,978	560,000	588,000	\$3,001,815
Funding total		\$785,906	\$520,931	\$546,978	\$560,000	\$588,000	\$3,001,815
PT00120065	TRANSIT FURNITURE IMPROVEMENTS						
Improve bus stops with new or replacement transit pads and shade structures.						Function: Passenger Facilities	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		2,000,000	-	-	-	-	\$2,000,000
Project total		\$2,000,000	-	-	-	-	\$2,000,000
Transportation 2050		2,000,000	-	-	-	-	\$2,000,000
Funding total		\$2,000,000	-	-	-	-	\$2,000,000
PT00130011	EQUIPMENT REPLACEMENT NORTH AND SOUTH FACILITIES						
Replace equipment at North and South Division facilities.						Function: Facilities	
						Strategic Plan: Infrastructure	
						District: Citywide	
Equipment		400,000	300,000	300,000	300,000	300,000	\$1,600,000
Project total		\$400,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,600,000
Transportation 2050		400,000	300,000	300,000	300,000	300,000	\$1,600,000
Funding total		\$400,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,600,000
PT00130031	302 BUILDING - ELEVATOR REFURBISHMENT						
Refurbish elevator at Public Transit headquarters building located at 302 North First Avenue.						Function: Facilities	
						Strategic Plan: Infrastructure	
						District: 7	
Construction		12,267	-	-	-	-	\$12,267
Project total		\$12,267	-	-	-	-	\$12,267
Other Restricted		12,267	-	-	-	-	\$12,267
Funding total		\$12,267	-	-	-	-	\$12,267

Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00130032	302 BUILDING - CARPET REPLACEMENT						
	Replace carpet at Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
	Construction	103,000	-	-	-	-	\$103,000
	Project total	\$103,000	-	-	-	-	\$103,000
	Other Restricted	103,000	-	-	-	-	\$103,000
	Funding total	\$103,000	-	-	-	-	\$103,000
PT00130036	302 BUILDING - FIRE PUMP ENGINE						
	Replace the fire pump engine, providing fire sprinkler system pressure at Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
	Construction	86,250	-	-	-	-	\$86,250
	Project total	\$86,250	-	-	-	-	\$86,250
	Other Restricted	86,250	-	-	-	-	\$86,250
	Funding total	\$86,250	-	-	-	-	\$86,250
PT00130037	302 BUILDING - UPGRADE FIRE PANEL						
	Replace aging fire alarm panel at Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
	Construction	264,500	-	-	-	-	\$264,500
	Project total	\$264,500	-	-	-	-	\$264,500
	Other Restricted	264,500	-	-	-	-	\$264,500
	Funding total	\$264,500	-	-	-	-	\$264,500
PT00130038	302 BUILDING - REPLACE HVAC DIFFUSER						
	Replace aging HVAC ventilation diffusers on each floor at Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
	Construction	385,181	96,600	-	-	-	\$481,781
	Project total	\$385,181	\$96,600	-	-	-	\$481,781
	Other Restricted	385,181	96,600	-	-	-	\$481,781
	Funding total	\$385,181	\$96,600	-	-	-	\$481,781
PT00130039	302 BUILDING - UPGRADE ENERGY MANAGEMENT SYSTEM						
	Install an energy management system at Public Transit headquarters building located at 302 North First Avenue.						
							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
	Construction	115,000	-	-	-	-	\$115,000
	Project total	\$115,000	-	-	-	-	\$115,000
	Other Restricted	115,000	-	-	-	-	\$115,000
	Funding total	\$115,000	-	-	-	-	\$115,000

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00130040	302 BUILDING - ELECTRICAL SUB-METERING						
Install electrical sub-metering system, providing more accurate allocation of tenant electrical usage at Public Transit headquarters building located at 302 North First Avenue.							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
Construction		119,508	-	-	-	-	\$119,508
Project total		\$119,508	-	-	-	-	\$119,508
Other Restricted		119,508	-	-	-	-	\$119,508
Funding total		\$119,508	-	-	-	-	\$119,508
PT00130041	302 BUILDING - LOBBY ART MURAL PROJECT						
Replace the art mural at Public Transit headquarters building located at 302 North First Avenue.							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
Design		27,891	-	-	-	-	\$27,891
Project total		\$27,891	-	-	-	-	\$27,891
Other Restricted		27,891	-	-	-	-	\$27,891
Funding total		\$27,891	-	-	-	-	\$27,891
PT00130043	302 BUILDING - LOBBY RENOVATION						
Renovate lobby including lighting, flooring, security desk, space configuration and design at Public Transit headquarters building located at 302 North First Avenue.							Function: Facilities
							Strategic Plan: Infrastructure
							District: 7
Construction		499,178	-	-	-	-	\$499,178
Project total		\$499,178	-	-	-	-	\$499,178
Other Restricted		499,178	-	-	-	-	\$499,178
Funding total		\$499,178	-	-	-	-	\$499,178
PT00130044	TRANSIT ENFORCEMENT UNIT BUNKER						
Construct a bunker to house live ammunition for the Transit Enforcement Unit.							Function: Facilities
							Strategic Plan: Infrastructure
							District: 8
Construction		50,000	-	-	-	-	\$50,000
Project total		\$50,000	-	-	-	-	\$50,000
Transportation 2050		50,000	-	-	-	-	\$50,000
Funding total		\$50,000	-	-	-	-	\$50,000
PT00140001	BUS PULLOUTS						
Install new bus pullouts.							Function: Other Transit Projects
							Strategic Plan: Infrastructure
							District: Citywide
Construction		595,216	484,141	508,348	533,765	560,453	\$2,681,923
Project total		\$595,216	\$484,141	\$508,348	\$533,765	\$560,453	\$2,681,923
Transportation 2050		595,216	484,141	508,348	533,765	560,453	\$2,681,923
Funding total		\$595,216	\$484,141	\$508,348	\$533,765	\$560,453	\$2,681,923

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00160021	DISASTER RECOVERY AND BUSINESS PLANNING						
Develop regional software and data recovery for emergency situations.						Function: Technology/Communications Strategic Plan: Technology District: Citywide	
Equipment		87,500	-	-	-	-	\$87,500
Project total		\$87,500	-	-	-	-	\$87,500
Transportation 2050		87,500	-	-	-	-	\$87,500
Funding total		\$87,500	-	-	-	-	\$87,500
PT00160022	FIBER CONNECTIVITY						
Install fiber optic cable in all Public Transit offices.						Function: Technology/Communications Strategic Plan: Technology District: Citywide	
Equipment		403,343	300,000	300,000	300,000	300,000	\$1,603,343
Project total		\$403,343	\$300,000	\$300,000	\$300,000	\$300,000	\$1,603,343
Transportation 2050		403,343	300,000	300,000	300,000	300,000	\$1,603,343
Funding total		\$403,343	\$300,000	\$300,000	\$300,000	\$300,000	\$1,603,343
PT00160024	FARE COLLECTION SYSTEM						
Install hardware and software to support the Fare Collection System for disaster recovery.						Function: Technology/Communications Strategic Plan: Technology District: Citywide	
Equipment		223,030	50,000	50,000	50,000	50,000	\$423,030
Project total		\$223,030	\$50,000	\$50,000	\$50,000	\$50,000	\$423,030
Transportation 2050		223,030	50,000	50,000	50,000	50,000	\$423,030
Funding total		\$223,030	\$50,000	\$50,000	\$50,000	\$50,000	\$423,030
PT00160026	UPGRADE RAPID BUS SIGNS						
Replace software and hardware located within RAPID Bus sign structures.						Function: Technology/Communications Strategic Plan: Technology District: Citywide	
Equipment		79,232	40,000	40,000	40,000	40,000	\$239,232
Project total		\$79,232	\$40,000	\$40,000	\$40,000	\$40,000	\$239,232
Transportation 2050		79,232	40,000	40,000	40,000	40,000	\$239,232
Funding total		\$79,232	\$40,000	\$40,000	\$40,000	\$40,000	\$239,232
PT00160028	302 BUILDING - CONFERENCE ROOM						
Configure a permanent projector in the conference room at the Public Transit headquarters building located at 302 North First Avenue.						Function: Technology/Communications Strategic Plan: Technology District: 7	
Equipment		-	10,000	-	-	-	\$10,000
Project total		-	\$10,000	-	-	-	\$10,000
Other Restricted		-	10,000	-	-	-	\$10,000
Funding total		-	\$10,000	-	-	-	\$10,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00170005	FACILITY PLANNING						
Provide funding for consulting fees related to facility planning.						Function: Planning Projects	
						Strategic Plan: Infrastructure	
						District: Citywide	
Study		75,000	75,000	75,000	75,000	75,000	\$375,000
	Project total	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Transportation 2050		75,000	75,000	75,000	75,000	75,000	\$375,000
	Funding total	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
PT00190001	CONTINGENCY						
Provide contingency funds for change orders, inflation or other unexpected project costs.						Function: Contingencies	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		12,000,000	-	-	-	-	\$12,000,000
	Project total	\$12,000,000	-	-	-	-	\$12,000,000
Operating Grants		2,000,000	-	-	-	-	\$2,000,000
Regional Transit		5,000,000	-	-	-	-	\$5,000,000
Transportation 2050		5,000,000	-	-	-	-	\$5,000,000
	Funding total	\$12,000,000	-	-	-	-	\$12,000,000
PT00250219	LIGHT RAIL TRANSIT REIMBURSEMENT						
Reimburse street related construction costs for Light Rail transit initial segment project.						Function: Light Rail	
						Strategic Plan: Infrastructure	
						District: 4, 6, 7 & 8	
Study		-	5,000,000	5,000,000	5,000,000	-	\$15,000,000
	Project total	-	\$5,000,000	\$5,000,000	\$5,000,000	-	\$15,000,000
Arizona Highway User Revenue		-	5,000,000	5,000,000	5,000,000	-	\$15,000,000
	Funding total	-	\$5,000,000	\$5,000,000	\$5,000,000	-	\$15,000,000
PT00250401	NORTHWEST EXTENSION CITY STAFF TIME - STREETS						
Provide for charges of city staff time for coordination of Light Rail northwest extension implementation.						Function: Light Rail Northwest Extension	
						Strategic Plan: Infrastructure	
						District: 1, 3, 4 & 5	
Other		72,000	-	-	-	-	\$72,000
	Project total	\$72,000	-	-	-	-	\$72,000
Regional Transit		72,000	-	-	-	-	\$72,000
	Funding total	\$72,000	-	-	-	-	\$72,000

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT00251817	NORTHWEST EXTENSION PROPERTY MAINTENANCE						
Function: Light Rail Northwest Extension							
Provide property management and oversight of city owned property along 19th Avenue from Bethany Home Road to Dunlap Avenue.							
Strategic Plan: Infrastructure							
District: 5							
Land Acquisition		12,000	12,000	12,000	12,000	12,000	\$60,000
Project total		\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000
Transportation 2050		12,000	12,000	12,000	12,000	12,000	\$60,000
Funding total		\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000
PT00251818	NORTHWEST EXTENSION PROPERTY MANAGEMENT						
Function: Light Rail Northwest Extension							
Provide for management of properties along northwest extension alignment.							
Strategic Plan: Infrastructure							
District: 5							
Land Acquisition		30,000	20,000	10,000	10,000	10,000	\$80,000
Project total		\$30,000	\$20,000	\$10,000	\$10,000	\$10,000	\$80,000
Transportation 2050		30,000	20,000	10,000	10,000	10,000	\$80,000
Funding total		\$30,000	\$20,000	\$10,000	\$10,000	\$10,000	\$80,000
PT00270013	48TH STREET AND WASHINGTON STREET LIGHT RAIL STATION						
Function: Light Rail (Non Federal)							
Construct a new Light Rail station at 48th Street and Washington.							
Strategic Plan: Infrastructure							
District: 6							
Construction		22,190,000	-	-	-	-	\$22,190,000
Project total		\$22,190,000	-	-	-	-	\$22,190,000
Transportation 2050		22,190,000	-	-	-	-	\$22,190,000
Funding total		\$22,190,000	-	-	-	-	\$22,190,000
PT00290400	CITY CORE STAFF-WEST PHOENIX/CENTRAL GLENDALE						
Function: West Phoenix/Glendale Light Rail							
Provide for charges of city staff time for coordination of West Phoenix/Central Glendale Light Rail implementation.							
Strategic Plan: Infrastructure							
District: 4 & 5							
Land Acquisition		25,000	-	-	-	-	\$25,000
Project total		\$25,000	-	-	-	-	\$25,000
Transportation 2050		25,000	-	-	-	-	\$25,000
Funding total		\$25,000	-	-	-	-	\$25,000
PT00300400	CITY CORE STAFF-NORTHEAST CORRIDOR						
Function: Northeast Corridor Light Rail							
Provide for charges of city staff time for coordination of Northeast Corridor Light Rail implementation.							
Strategic Plan: Infrastructure							
District: 2 & 3							
Land Acquisition		15,000	-	-	-	-	\$15,000
Project total		\$15,000	-	-	-	-	\$15,000
Transportation 2050		15,000	-	-	-	-	\$15,000
Funding total		\$15,000	-	-	-	-	\$15,000

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT03120004	LAVEEN/59TH AVENUE PARK-AND-RIDE FACILITY						
	Construct a passenger facility near the future Loop 202 in Laveen.						
	Estimated full-year ongoing operating costs:	\$100,000					
	Construction	6,182,536	-	-	-	-	\$6,182,536
	Project total	\$6,182,536	-	-	-	-	\$6,182,536
	Capital Grants	4,946,030	-	-	-	-	\$4,946,030
	Regional Transit	1,236,506	-	-	-	-	\$1,236,506
	Funding total	\$6,182,536	-	-	-	-	\$6,182,536
PT03130001	SOUTH TRANSIT FACILITY UPGRADE						
	Construct upgrades to the South Transit Facility located at 2225 West Lower Buckeye Road.						
	Construction	995,873	-	-	-	-	\$995,873
	Project total	\$995,873	-	-	-	-	\$995,873
	Capital Grants	667,235	-	-	-	-	\$667,235
	Transportation 2050	328,638	-	-	-	-	\$328,638
	Funding total	\$995,873	-	-	-	-	\$995,873
PT07110002	DIAL-A-RIDE VEHICLES						
	Purchase Dial-A-Ride replacement vehicles.						
	Equipment	198,000	-	-	-	-	\$198,000
	Project total	\$198,000	-	-	-	-	\$198,000
	Operating Grants	168,300	-	-	-	-	\$168,300
	Regional Transit	29,700	-	-	-	-	\$29,700
	Funding total	\$198,000	-	-	-	-	\$198,000
PT14110001	DIAL-A-RIDE VEHICLES						
	Purchase Dial-A-Ride replacement vehicles.						
	Equipment	198,000	-	-	-	-	\$198,000
	Project total	\$198,000	-	-	-	-	\$198,000
	Operating Grants	158,400	-	-	-	-	\$158,400
	Regional Transit	39,600	-	-	-	-	\$39,600
	Funding total	\$198,000	-	-	-	-	\$198,000

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Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT24160001	HASTUS UPGRADE						
Upgrade system software for bus route scheduling and dispatching.							
		Function: Technology/Communications Strategic Plan: Technology District: Citywide					
Equipment		-	-	1,500,000	-	-	\$1,500,000
Project total		-	-	\$1,500,000	-	-	\$1,500,000
Transportation 2050		-	-	1,500,000	-	-	\$1,500,000
Funding total		-	-	\$1,500,000	-	-	\$1,500,000
PT31110002	DIAL-A-RIDE VEHICLES						
Purchase Dial-A-Ride replacement vehicles.							
		Function: Bus and Vehicle Acquisition Strategic Plan: Infrastructure District: Citywide					
Equipment		570,457	-	-	-	-	\$570,457
Project total		\$570,457	-	-	-	-	\$570,457
Operating Grants		484,888	-	-	-	-	\$484,888
Regional Transit		85,569	-	-	-	-	\$85,569
Funding total		\$570,457	-	-	-	-	\$570,457
PT31140002	SUPPORT SERVICES						
Provide support services for federal grant management.							
		Function: Other Transit Projects Strategic Plan: Infrastructure District: Citywide					
Equipment		6,403	43,597	-	-	-	\$50,000
Project total		\$6,403	\$43,597	-	-	-	\$50,000
Operating Grants		5,122	34,878	-	-	-	\$40,000
Transportation 2050		1,281	8,719	-	-	-	\$10,000
Funding total		\$6,403	\$43,597	-	-	-	\$50,000
PT36110003	DIAL-A-RIDE VEHICLES						
Purchase Dial-A-Ride replacement vehicles.							
		Function: Bus and Vehicle Acquisition Strategic Plan: Infrastructure District: Citywide					
Equipment		1,254,000	-	-	-	-	\$1,254,000
Project total		\$1,254,000	-	-	-	-	\$1,254,000
Operating Grants		1,065,900	-	-	-	-	\$1,065,900
Regional Transit		188,100	-	-	-	-	\$188,100
Funding total		\$1,254,000	-	-	-	-	\$1,254,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PT36120002	BUS STOP ENHANCEMENTS						
Improve bus stops, including replacement of existing transit furniture, installation of new furniture and ADA upgrades.						Function: Passenger Facilities	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		-	2,416,204	2,416,204	2,416,204	2,416,204	\$9,664,816
Project total		-	\$2,416,204	\$2,416,204	\$2,416,204	\$2,416,204	\$9,664,816
Operating Grants		-	492,963	492,963	492,963	492,963	\$1,971,852
Transportation 2050		-	1,923,241	1,923,241	1,923,241	1,923,241	\$7,692,964
Funding total		-	\$2,416,204	\$2,416,204	\$2,416,204	\$2,416,204	\$9,664,816
PT36140001	SUPPORT SERVICES						
Provide support services for federal grant management.						Function: Other Transit Projects	
						Strategic Plan: Infrastructure	
						District: Citywide	
Equipment		-	6,403	43,597	50,000	50,000	\$150,000
Project total		-	\$6,403	\$43,597	\$50,000	\$50,000	\$150,000
Operating Grants		-	5,122	34,878	40,000	40,000	\$120,000
Transportation 2050		-	1,281	8,719	10,000	10,000	\$30,000
Funding total		-	\$6,403	\$43,597	\$50,000	\$50,000	\$150,000
PT36160001	REGIONAL 700 MHZ RADIOS						
Implement wireless communication system for regional bus system.						Function: Technology/Communications	
						Strategic Plan: Technology	
						District: Citywide	
Estimated full-year ongoing operating costs:		\$540,000					
Equipment		25,871,948	-	-	-	-	\$25,871,948
Project total		\$25,871,948	-	-	-	-	\$25,871,948
Capital Grants		14,229,571	-	-	-	-	\$14,229,571
Operating Grants		4,398,231	-	-	-	-	\$4,398,231
Other Restricted		1,034,878	-	-	-	-	\$1,034,878
Regional Transit		6,209,268	-	-	-	-	\$6,209,268
Funding total		\$25,871,948	-	-	-	-	\$25,871,948
PT78170001	SOUTH CENTRAL PLAN AND ENVIRONMENTAL ASSESSMENT						
Advance conceptual engineering design and prepare an environmental assessment for the South Central Light Rail Transit (LRT) Corridor planning in accordance with federal regulations.						Function: Planning Projects	
						Strategic Plan: Infrastructure	
						District: 8	
Study		149,358	-	-	-	-	\$149,358
Project total		\$149,358	-	-	-	-	\$149,358
Transit 2000		149,358	-	-	-	-	\$149,358
Funding total		\$149,358	-	-	-	-	\$149,358

Public Transit

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR67000006	67TH AVENUE BUS SHELTERS AND STREETScape PERCENT FOR ART						
							Function: Percent for Art
Enhance selected bus shelters along 67th Avenue from McDowell Road to Camelback Road.						Strategic Plan: Neighborhoods and Livability	
							District: 5 & 7
Construction		-	-	-	-	88,000	\$88,000
	Project total	-	-	-	-	\$88,000	\$88,000
2006 Affordable Housing and Neighborhoods Bonds		-	-	-	-	18,000	\$18,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	70,000	\$70,000
	Funding total	-	-	-	-	\$88,000	\$88,000

Regional Wireless Cooperative (RWC)

The Regional Wireless Cooperative (RWC) program totals \$50.3 million and is funded through the contributions of RWC member cities and a grant. 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 narrowbanding capabilities.

Regional Wireless Cooperative

Capital Improvement Program Summary

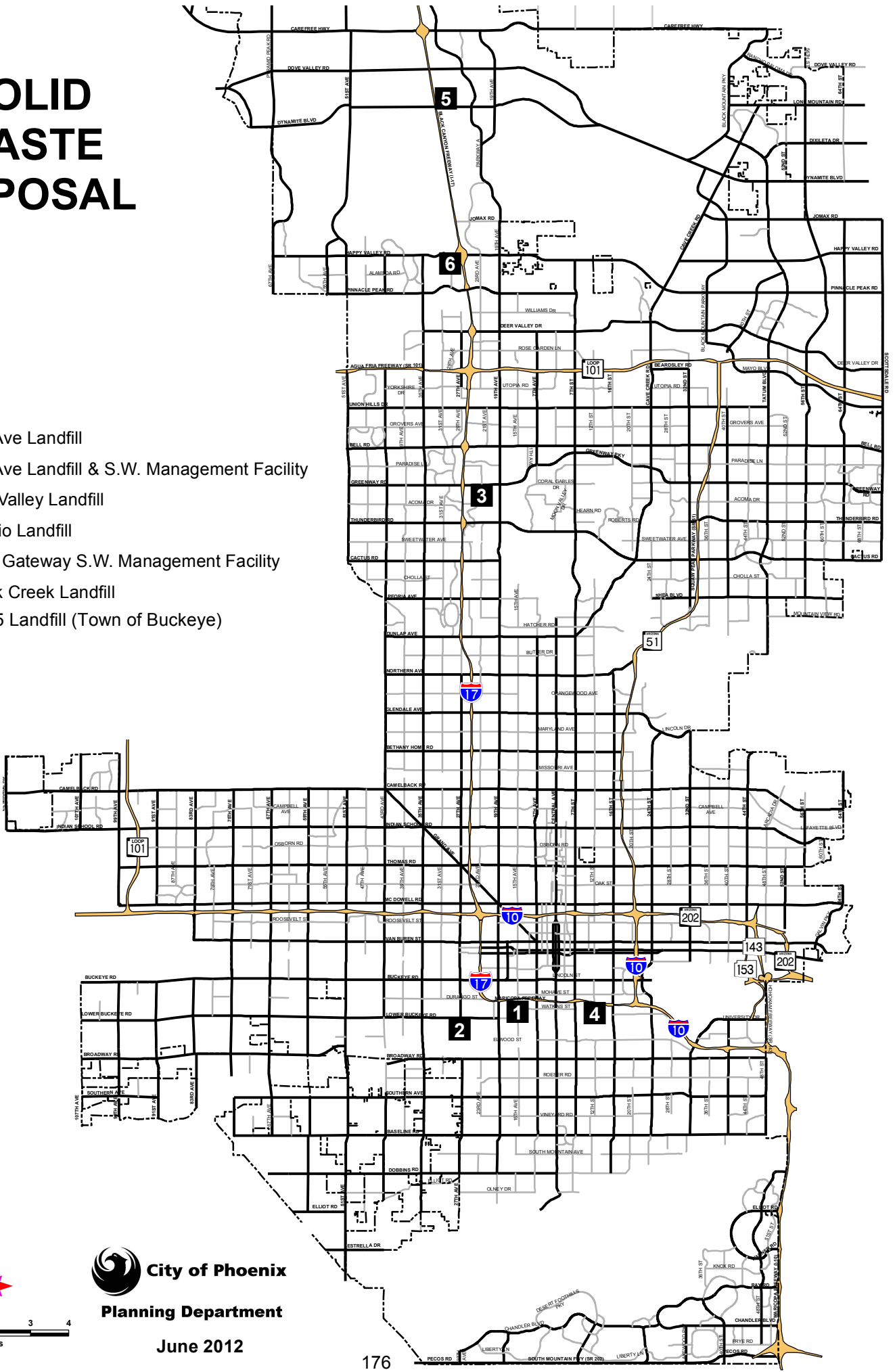
Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
Regional Wireless Cooperative	8,561,919	13,873,798	10,931,901	10,931,901	6,000,000	\$50,299,519
Total	\$8,561,919	\$13,873,798	\$10,931,901	\$10,931,901	\$6,000,000	\$50,299,519
Source of Funds						
<u>Other Capital Funds</u>						
Capital Grants	120,862	-	-	-	-	\$120,862
Other Cities' Share in Joint Ventures	8,441,057	13,873,798	10,931,901	10,931,901	6,000,000	\$50,178,657
Total Other Capital Funds	\$8,561,919	\$13,873,798	\$10,931,901	\$10,931,901	\$6,000,000	\$50,299,519
Program Total	\$8,561,919	\$13,873,798	\$10,931,901	\$10,931,901	\$6,000,000	\$50,299,519

Regional Wireless Cooperative

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
RW32000001	REGIONAL WIRELESS COOPERATIVE CONNECT						
	Provide infrastructure to transition other cities onto the Regional Wireless Cooperative radio system.						
							Function: Regional Wireless Cooperative
							Strategic Plan: Technology
							District: Citywide
	Equipment	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	\$30,000,000
	Project total	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$30,000,000
	Other Cities' Share in Joint Ventures	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	\$30,000,000
	Funding total	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$30,000,000
RW32000003	NARROW BANDING UPGRADE						
	Upgrade Phase I narrow banding (800 MHz to 700 MHz) hardware for the Regional Wireless Cooperative.						
							Function: Regional Wireless Cooperative
							Strategic Plan: Technology
							District: Citywide
	Equipment	2,561,919	7,873,798	4,931,901	4,931,901	-	\$20,299,519
	Project total	\$2,561,919	\$7,873,798	\$4,931,901	\$4,931,901	-	\$20,299,519
	Capital Grants	120,862	-	-	-	-	\$120,862
	Other Cities' Share in Joint Ventures	2,441,057	7,873,798	4,931,901	4,931,901	-	\$20,178,657
	Funding total	\$2,561,919	\$7,873,798	\$4,931,901	\$4,931,901	-	\$20,299,519

SOLID WASTE DISPOSAL

- 1** 19th Ave Landfill
- 2** 27th Ave Landfill & S.W. Management Facility
- 3** Deer Valley Landfill
- 4** Del Rio Landfill
- 5** North Gateway S.W. Management Facility
- 6** Skunk Creek Landfill
SR 85 Landfill (Town of Buckeye)



City of Phoenix
Planning Department

June 2012

Solid Waste Disposal

The \$82.9 million Solid Waste Disposal program is funded with Solid Waste operating revenue, nonprofit corporation bond funds, capital reserves, and Solid Waste Remediation funds.

The Solid Waste Disposal program includes various projects at the city's landfills and transfer stations. Major projects include constructing a methane gas extraction and drainage system for the State Route 85 landfill, maintaining the methane gas collection systems for several locations, various cell excavations and lining, replacing or upgrading aging equipment at the 27th Avenue and North Gateway Transfer Stations Material Recovery Facilities, constructing the 27th Avenue Resource Innovation Campus and Technology Solutions Incubator, and completing the composting facility located at the 27th Avenue Transfer Station.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
19th Avenue Landfill	70,000	1,225,000	270,000	825,000	-	\$2,390,000
27th Avenue Landfill	13,000	1,365,000	-	950,000	-	\$2,328,000
Closed Landfills	500,000	-	-	-	-	\$500,000
Other Projects	1,500,000	-	-	-	-	\$1,500,000
Percent for Art	263,097	75,000	-	-	-	\$338,097
Skunk Creek Landfill	7,000	1,800,000	-	2,050,000	-	\$3,857,000
SR 85 Landfill	10,463,000	2,952,000	12,435,000	6,800,000	3,830,000	\$36,480,000
Transfer Station	17,329,000	-	6,200,000	12,000,000	-	\$35,529,000
Total	\$30,145,097	\$7,417,000	\$18,905,000	\$22,625,000	\$3,830,000	\$82,922,097
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Solid Waste	28,944,000	3,165,000	5,335,000	5,150,000	3,830,000	\$46,424,000
Total Operating Funds	\$28,944,000	\$3,165,000	\$5,335,000	\$5,150,000	\$3,830,000	\$46,424,000
<u>Bond Funds</u>						
Nonprofit Corporation Bonds - Other	-	-	9,000,000	17,000,000	-	\$26,000,000
Nonprofit Corporation Bonds - Solid Waste	631,097	75,000	-	-	-	\$706,097
Total Bond Funds	\$631,097	\$75,000	\$9,000,000	\$17,000,000	-	\$26,706,097
<u>Other Capital Funds</u>						
Capital Reserves	500,000	2,952,000	4,300,000	-	-	\$7,752,000
Solid Waste Remediation	70,000	1,225,000	270,000	475,000	-	\$2,040,000
Total Other Capital Funds	\$570,000	\$4,177,000	\$4,570,000	\$475,000	-	\$9,792,000
Program Total	\$30,145,097	\$7,417,000	\$18,905,000	\$22,625,000	\$3,830,000	\$82,922,097

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW16510004	CLOSED LANDFILLS - END USE						
	Study and evaluate proposed end use development concepts for the City's closed landfills.						
							Function: Closed Landfills
							Strategic Plan: Infrastructure
							District: Citywide
Construction		500,000	-	-	-	-	\$500,000
Project total		\$500,000	-	-	-	-	\$500,000
Capital Reserves		500,000	-	-	-	-	\$500,000
Funding total		\$500,000	-	-	-	-	\$500,000
PW16520002	19TH AVENUE - FINAL CAPPING						
	Complete maintenance of soil cap material for the 19th Avenue Landfill.						
							Function: 19th Avenue Landfill
							Strategic Plan: Infrastructure
							District: 7
Construction		70,000	500,000	-	-	-	\$570,000
Project total		\$70,000	\$500,000	-	-	-	\$570,000
Solid Waste Remediation		70,000	500,000	-	-	-	\$570,000
Funding total		\$70,000	\$500,000	-	-	-	\$570,000
PW16520005	19TH AVENUE - GROUNDWATER REMEDIATION						
	Contingency for groundwater remediation at the 19th Avenue Landfill.						
							Function: 19th Avenue Landfill
							Strategic Plan: Infrastructure
							District: 7
Construction		-	-	270,000	-	-	\$270,000
Project total		-	-	\$270,000	-	-	\$270,000
Solid Waste Remediation		-	-	270,000	-	-	\$270,000
Funding total		-	-	\$270,000	-	-	\$270,000
PW16520006	19TH AVENUE - METHANE GAS SYSTEM						
	Maintain the methane gas collection system at the 19th Avenue Landfill.						
							Function: 19th Avenue Landfill
							Strategic Plan: Infrastructure
							District: 7
Construction		-	725,000	-	825,000	-	\$1,550,000
Project total		-	\$725,000	-	\$825,000	-	\$1,550,000
Solid Waste		-	-	-	350,000	-	\$350,000
Solid Waste Remediation		-	725,000	-	475,000	-	\$1,200,000
Funding total		-	\$725,000	-	\$825,000	-	\$1,550,000
PW16530001	27TH AVENUE - METHANE GAS SYSTEM						
	Maintain the methane gas collection system at the 27th Avenue Landfill.						
							Function: 27th Avenue Landfill
							Strategic Plan: Infrastructure
							District: 7
Construction		-	865,000	-	950,000	-	\$1,815,000
Project total		-	\$865,000	-	\$950,000	-	\$1,815,000
Solid Waste		-	865,000	-	950,000	-	\$1,815,000
Funding total		-	\$865,000	-	\$950,000	-	\$1,815,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW16700020	MATERIAL RECOVERY FACILITIES (MRF) RETROFIT						
							Function: Transfer Station
Replace or upgrade aging equipment at the 27th Avenue and North Gateway Transfer Stations Material Recovery Facilities.							Strategic Plan: Infrastructure
							District: 2 & 7
Construction		-	-	5,000,000	12,000,000	-	\$17,000,000
Project total		-	-	\$5,000,000	\$12,000,000	-	\$17,000,000
Nonprofit Corporation Bonds - Other		-	-	5,000,000	12,000,000	-	\$17,000,000
Funding total		-	-	\$5,000,000	\$12,000,000	-	\$17,000,000
PW16700021	27TH AVENUE COMPOSTING FACILITY						
Improve infrastructure and construct a temporary and permanent compost facility adjacent to the 27th Avenue Transfer Station.							Function: Transfer Station
							Strategic Plan: Infrastructure
Estimated full-year ongoing operating costs: \$2,285,000							District: 7
Construction		2,300,000	-	-	-	-	\$2,300,000
Equipment		2,569,000	-	-	-	-	\$2,569,000
Project total		\$4,869,000	-	-	-	-	\$4,869,000
Solid Waste		4,869,000	-	-	-	-	\$4,869,000
Funding total		\$4,869,000	-	-	-	-	\$4,869,000
PW16700023	27TH AVENUE RESOURCE INNOVATION CAMPUS						
Develop infrastructure for the Resource Innovation Campus.							Function: Transfer Station
							Strategic Plan: Sustainability
							District: 7
Construction		3,000,000	-	-	-	-	\$3,000,000
Project total		\$3,000,000	-	-	-	-	\$3,000,000
Solid Waste		3,000,000	-	-	-	-	\$3,000,000
Funding total		\$3,000,000	-	-	-	-	\$3,000,000
PW16700024	27TH AVENUE RISN INCUBATOR						
Design and construct the Resource Innovation and Solutions Network (RISN) Technology Solutions Incubator in partnership with Arizona State University.							Function: Transfer Station
							Strategic Plan: Sustainability
							District: 7
Construction		5,550,000	-	-	-	-	\$5,550,000
Project total		\$5,550,000	-	-	-	-	\$5,550,000
Solid Waste		5,550,000	-	-	-	-	\$5,550,000
Funding total		\$5,550,000	-	-	-	-	\$5,550,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW16810001	SR 85 LANDFILL - CELL 1 EXCAVATION						
Excavate and line Cell 1 at the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		81,000	-	-	-	-	\$81,000
Project total		\$81,000	-	-	-	-	\$81,000
Nonprofit Corporation Bonds - Solid Waste		68,000	-	-	-	-	\$68,000
Solid Waste		13,000	-	-	-	-	\$13,000
Funding total		\$81,000	-	-	-	-	\$81,000
PW16810002	SR 85 LANDFILL - CELL 1 CAPPING						
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
Project total		-	-	-	\$3,000,000	-	\$3,000,000
Nonprofit Corporation Bonds - Other		-	-	-	3,000,000	-	\$3,000,000
Funding total		-	-	-	\$3,000,000	-	\$3,000,000
PW16810003	SR 85 LANDFILL - METHANE GAS EXTRACTION SYSTEM						
Construct methane gas extraction system for the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,575,000	-	-	2,000,000	-	\$3,575,000
Project total		\$1,575,000	-	-	\$2,000,000	-	\$3,575,000
Nonprofit Corporation Bonds - Other		-	-	-	2,000,000	-	\$2,000,000
Solid Waste		1,575,000	-	-	-	-	\$1,575,000
Funding total		\$1,575,000	-	-	\$2,000,000	-	\$3,575,000
PW16810004	SR 85 LANDFILL - DRAINAGE						
Construct a drainage system for the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		5,000,000	2,952,000	8,300,000	-	-	\$16,252,000
Project total		\$5,000,000	\$2,952,000	\$8,300,000	-	-	\$16,252,000
Capital Reserves		-	2,952,000	4,300,000	-	-	\$7,252,000
Nonprofit Corporation Bonds - Other		-	-	4,000,000	-	-	\$4,000,000
Solid Waste		5,000,000	-	-	-	-	\$5,000,000
Funding total		\$5,000,000	\$2,952,000	\$8,300,000	-	-	\$16,252,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
PW16810006	SR 85 - CELL 2 EXCAVATION AND LINING						
Excavate and line Cell 2 at the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	-	1,800,000	-	\$1,800,000
Project total		-	-	-	\$1,800,000	-	\$1,800,000
Solid Waste		-	-	-	1,800,000	-	\$1,800,000
Funding total		-	-	-	\$1,800,000	-	\$1,800,000
PW16810007	SR 85 - LANDFILL UTILITY ALIGNMENT						
Relocate utilities at the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		342,000	-	500,000	-	-	\$842,000
Project total		\$342,000	-	\$500,000	-	-	\$842,000
Nonprofit Corporation Bonds - Solid Waste		300,000	-	-	-	-	\$300,000
Solid Waste		42,000	-	500,000	-	-	\$542,000
Funding total		\$342,000	-	\$500,000	-	-	\$842,000
PW16810008	SR 85 - GAS MONITORING AND MAINTENANCE						
Monitor and maintain the methane gas systems at the State Route 85 Landfill.							
							Function: SR 85 Landfill
							Strategic Plan: Infrastructure
							District: Citywide
Construction		3,465,000	-	3,635,000	-	3,830,000	\$10,930,000
Project total		\$3,465,000	-	\$3,635,000	-	\$3,830,000	\$10,930,000
Solid Waste		3,465,000	-	3,635,000	-	3,830,000	\$10,930,000
Funding total		\$3,465,000	-	\$3,635,000	-	\$3,830,000	\$10,930,000
PW18990004	SPECIAL OPERATIONS FACILITY DEVELOPMENT						
Relocate the Special Operations Division into a new facility.							
							Function: Other Projects
							Strategic Plan: Infrastructure
							District: 7
Construction		1,500,000	-	-	-	-	\$1,500,000
Project total		\$1,500,000	-	-	-	-	\$1,500,000
Solid Waste		1,500,000	-	-	-	-	\$1,500,000
Funding total		\$1,500,000	-	-	-	-	\$1,500,000
AR70100007	SKUNK CREEK RECREATION AREA PERCENT FOR ART						
Design and build passive recreational elements at the Skunk Creek Landfill.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 1
Construction		40,000	-	-	-	-	\$40,000
Project total		\$40,000	-	-	-	-	\$40,000
Nonprofit Corporation Bonds - Solid Waste		40,000	-	-	-	-	\$40,000
Funding total		\$40,000	-	-	-	-	\$40,000

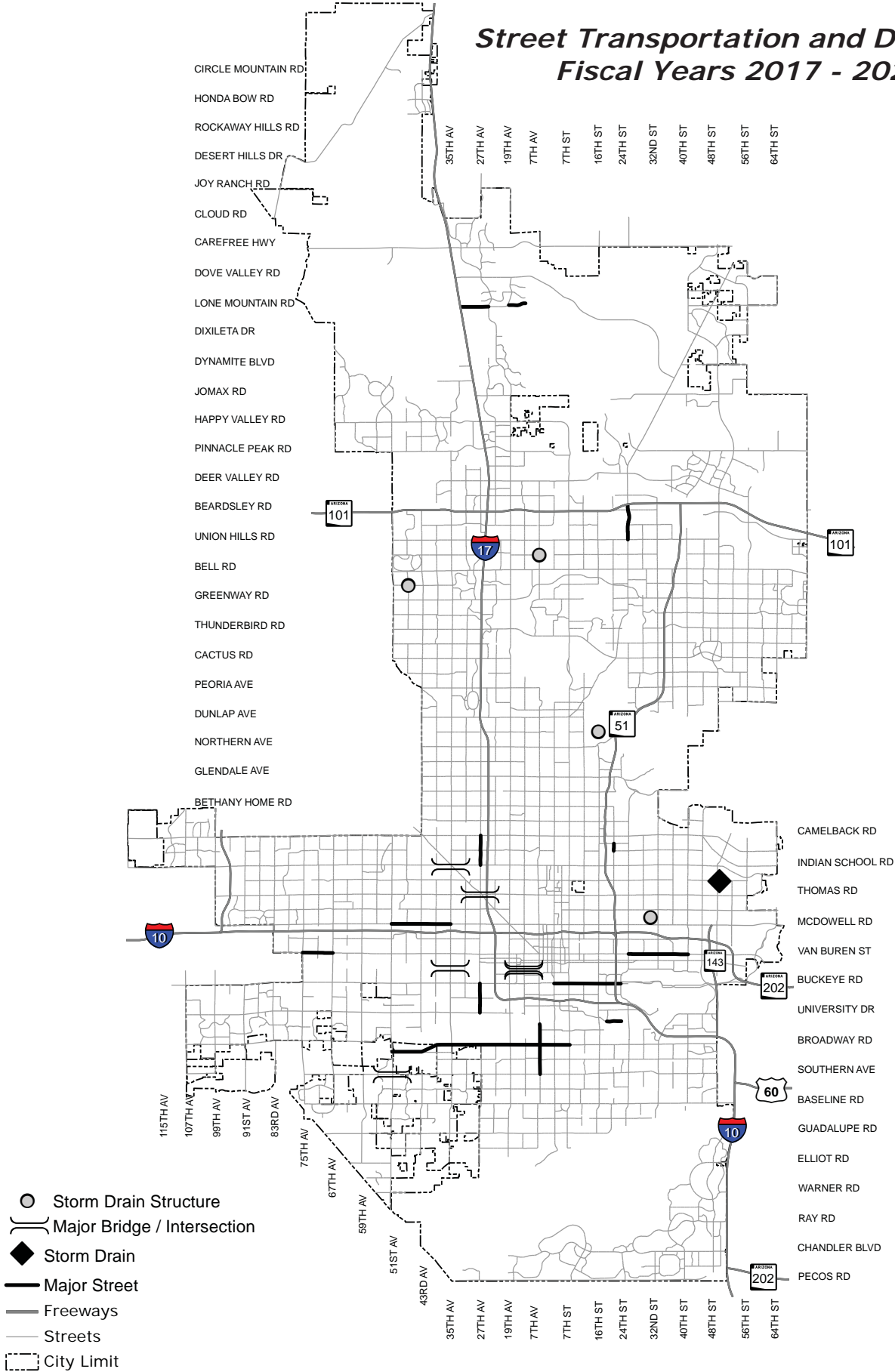
Solid Waste Disposal

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR70160001	27TH AVENUE SOLID WASTE MANAGEMENT FACILITY PERCENT FOR ART						
Develop artwork for the new recycling education center.							
Function: Percent for Art							
Strategic Plan: Neighborhoods and Livability							
District: 7							
Other		223,097	75,000	-	-	-	\$298,097
	Project total	\$223,097	\$75,000	-	-	-	\$298,097
Nonprofit Corporation Bonds - Solid Waste		223,097	75,000	-	-	-	\$298,097
	Funding total	\$223,097	\$75,000	-	-	-	\$298,097



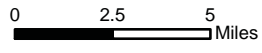
City of Phoenix

Street Transportation and Drainage Fiscal Years 2017 - 2021



- Storm Drain Structure
- ⎓ Major Bridge / Intersection
- ◆ Storm Drain
- Major Street
- Freeways
- Streets
- ⋯ City Limit

Note: Only projects with construction dollars budgeted during Fiscal Years 2017 - 2021 are shown.



Street Transportation and Drainage

The Street Transportation and Drainage program totals \$775.7 million and is funded with Arizona Highway User Revenues and Reserve, General Obligation Bond funds, Capital Construction funds, impact fees, nonprofit corporation bond funds, Water revenues, Transportation 2050 funds, other restricted funds, and participation from other agencies.

The Street Transportation and Drainage program includes major streets and bridge construction, storm drainage, traffic improvement and other street improvement projects such as sidewalks, ramps, dust control, traffic calming, bikeway system improvements, street resurfacing and replacement of high-pressure sodium streetlight light bulbs with energy efficient LEDs. Major projects planned include improvements to the following locations: 7th Avenue: Southern Avenue to the Salt River, 27th Avenue: Lower Buckeye Road to Buckeye Road, Van Buren Street: 24th Street to 40th Street, Broadway Road: 7th Street to 51st Avenue (Avenida Rio Salado) and Sonoran Desert Drive.

General Obligation Bond funded projects total \$27.9 million, of which \$26.1 million is being delayed indefinitely due to reductions in property tax revenue. The General Obligation Bond funded projects which are delayed indefinitely include:

- Construct a bridge at Riverview Drive between 18th and 22nd streets
- Construct Camelback Corridor improvements
- Construct historic districts streetscape improvements
- Design and construct traffic calming infrastructure
- Construct phase II of the Intelligent Transportation System (ITS) fiber optic backbone

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
ADA Compliance	452,500	452,500	452,500	452,500	1,102,500	\$2,912,500
Bikeways and Pedestrian Walkways	21,620,295	22,258,000	6,750,000	6,940,000	13,271,745	\$70,840,040
Drainage Channels and Detention Basins	2,057,195	-	-	-	-	\$2,057,195
Local Drainage Solutions	3,813,731	628,500	628,500	820,000	1,183,000	\$7,073,731
Major Streets and Bridges	94,492,954	61,920,637	63,331,660	61,460,225	87,403,330	\$368,608,806
Major Trunk Storm Sewers	6,385,882	-	-	-	-	\$6,385,882
Percent for Art	1,766,569	25,000	-	-	235,625	\$2,027,194
Retrofit	1,756,491	500,000	500,000	500,000	1,698,408	\$4,954,899
Stormwater Compliance	265,000	250,000	250,000	250,000	250,000	\$1,265,000
Street Lighting	30,233,636	100,000	100,000	100,000	100,000	\$30,633,636
Street Modernization	9,429,044	10,680,969	362,000	312,000	2,623,510	\$23,407,523
Street Rehabilitation	47,172,580	42,406,000	43,074,000	43,730,000	45,680,000	\$222,062,580
Traffic Calming Improvements	1,102,715	941,965	426,965	426,965	2,689,332	\$5,587,942
Traffic Signal Improvements	12,369,818	3,412,500	3,482,500	3,562,500	5,042,500	\$27,869,818
Total	\$232,918,410	\$143,576,071	\$119,358,125	\$118,554,190	\$161,279,950	\$775,686,746
Source of Funds						
<u>Operating Funds</u>						
Arizona Highway User Revenue	95,855,806	69,791,448	58,733,225	60,019,000	60,784,000	\$345,183,479
Capital Construction	13,541,321	11,237,094	9,351,400	9,274,265	9,074,265	\$52,478,345
Other Restricted	265,000	250,000	250,000	250,000	250,000	\$1,265,000
Transportation 2050	28,200,000	29,520,000	31,000,000	32,600,000	33,720,000	\$155,040,000
Water	250,000	-	-	-	-	\$250,000
Total Operating Funds	\$138,112,127	\$110,798,542	\$99,334,625	\$102,143,265	\$103,828,265	\$554,216,824
<u>Bond Funds</u>						
1988 General Obligation Bonds	-	-	-	-	1,849,898	\$1,849,898
2001 General Obligation Bonds	143,788	-	-	-	1,572,890	\$1,716,678
2006 General Obligation Bonds	1,658,904	-	-	-	22,705,397	\$24,364,301
Nonprofit Corporation Bonds - Other	30,000,000	-	-	-	-	\$30,000,000
Nonprofit Corporation Bonds - Solid Waste	25,020	25,000	-	-	-	\$50,020
Nonprofit Corporation Bonds - Wastewater	212,411	-	-	-	-	\$212,411
Nonprofit Corporation Bonds - Water	62,460	-	-	-	-	\$62,460
Total Bond Funds	\$32,102,583	\$25,000	-	-	\$26,128,185	\$58,255,768
<u>Other Capital Funds</u>						
Capital Reserves	4,436,367	100,000	100,000	200,000	200,000	\$5,036,367
Federal, State and Other Participation	44,049,414	32,652,529	19,923,500	16,210,925	31,123,500	\$143,959,868
Impact Fees	14,217,919	-	-	-	-	\$14,217,919
Total Other Capital Funds	\$62,703,700	\$32,752,529	\$20,023,500	\$16,410,925	\$31,323,500	\$163,214,154
Program Total	\$232,918,410	\$143,576,071	\$119,358,125	\$118,554,190	\$161,279,950	\$775,686,746

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
EP12000005	STORMWATER - GENERAL COMPLIANCE						
	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
Project total		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Other Restricted		250,000	250,000	250,000	250,000	250,000	\$1,250,000
Funding total		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
EP12630011	STORMWATER - DRAINAGE BASIN MAPPING						
	Create detailed drainage basin maps of the storm sewer system outfalls to incorporate into the Geographic Information System (GIS).						
							Function: Stormwater Compliance
							Strategic Plan: Sustainability
							District: Citywide
Construction		15,000	-	-	-	-	\$15,000
Project total		\$15,000	-	-	-	-	\$15,000
Other Restricted		15,000	-	-	-	-	\$15,000
Funding total		\$15,000	-	-	-	-	\$15,000
ST83120047	DETENTION BASIN AT 27TH AVENUE AND SOUTH MOUNTAIN.						
	Design and construct a detention basin at 27th Avenue and South Mountain.						
							Function: Drainage Channels and Detention Basins
							Strategic Plan: Infrastructure
							District: 8
Construction		2,057,195	-	-	-	-	\$2,057,195
Project total		\$2,057,195	-	-	-	-	\$2,057,195
Capital Construction		581,521	-	-	-	-	\$581,521
Federal, State and Other Participation		1,371,240	-	-	-	-	\$1,371,240
Impact Fees		104,434	-	-	-	-	\$104,434
Funding total		\$2,057,195	-	-	-	-	\$2,057,195
ST83130154	FLOOD PROOFING						
	Design, acquire land and construct local drainage solutions.						
							Function: Local Drainage Solutions
							Strategic Plan: Infrastructure
							District: Citywide
Construction		357,300	584,500	584,500	576,000	576,000	\$2,678,300
Project total		\$357,300	\$584,500	\$584,500	\$576,000	\$576,000	\$2,678,300
Capital Construction		357,300	584,500	584,500	576,000	576,000	\$2,678,300
Funding total		\$357,300	\$584,500	\$584,500	\$576,000	\$576,000	\$2,678,300
ST83130303	DAM SAFETY PROGRAM						
	Design and construct flood control dam safety efforts in various locations.						
							Function: Local Drainage Solutions
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,640	44,000	44,000	44,000	44,000	\$177,640
Project total		\$1,640	\$44,000	\$44,000	\$44,000	\$44,000	\$177,640
Capital Construction		1,640	44,000	44,000	44,000	44,000	\$177,640
Funding total		\$1,640	\$44,000	\$44,000	\$44,000	\$44,000	\$177,640

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST83130304	AUTOMATED LOCAL EVALUATION IN REAL TIME (ALERT) SYSTEM UPGRADE AND MAINTENANCE						
	Perform system upgrade and maintenance on the ALERT system.						
							Function: Local Drainage Solutions Strategic Plan: Infrastructure District: Citywide
Construction		184,000	-	-	-	-	\$184,000
Project total		\$184,000	-	-	-	-	\$184,000
Capital Construction		184,000	-	-	-	-	\$184,000
Funding total		\$184,000	-	-	-	-	\$184,000
ST83130306	PHOENIX ZOO DAM						
	Design and construct instrumentation to monitor conditions of eight dams.						
							Function: Local Drainage Solutions Strategic Plan: Infrastructure District: 6
Construction		4,291	-	-	-	-	\$4,291
Project total		\$4,291	-	-	-	-	\$4,291
2006 Street and Storm Sewer Improvements Bonds		4,291	-	-	-	-	\$4,291
Funding total		\$4,291	-	-	-	-	\$4,291
ST83130308	STORM DRAIN IMPROVEMENTS - PHASE III						
	Construct Phase III storm drain improvements from Jefferson Street to Washington Street and 18th Avenue to 7th Avenue.						
							Function: Local Drainage Solutions Strategic Plan: Infrastructure District: 7
Construction		46,500	-	-	-	-	\$46,500
Project total		\$46,500	-	-	-	-	\$46,500
2006 Street and Storm Sewer Improvements Bonds		46,500	-	-	-	-	\$46,500
Funding total		\$46,500	-	-	-	-	\$46,500
ST83130316	JEFFERSON STREET STORM DRAIN PHASE V						
	Construct Phase V storm drain improvements from Harrison Street to Jefferson Street and 11th Avenue to 5th Avenue.						
							Function: Local Drainage Solutions Strategic Plan: Infrastructure District: 7
Design		628,000	-	-	-	-	\$628,000
Project total		\$628,000	-	-	-	-	\$628,000
2006 Street and Storm Sewer Improvements Bonds		311,000	-	-	-	-	\$311,000
Arizona Highway User Revenue		221,000	-	-	-	-	\$221,000
Federal, State and Other Participation		96,000	-	-	-	-	\$96,000
Funding total		\$628,000	-	-	-	-	\$628,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST83140000	LOCAL DRAINAGE SOLUTIONS						
Design, acquire land and construct local drainage improvements.							
						Function: Local Drainage Solutions	
						Strategic Plan: Infrastructure	
						District: Citywide	
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Construction		-	-	-	-	309,000	\$309,000
Project total		-	-	-	-	\$309,000	\$309,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	309,000	\$309,000
Funding total		-	-	-	-	\$309,000	\$309,000
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ST83140029	DRAINAGE IMPROVEMENTS: 7TH AVENUE						
Construct drainage improvements at 7th Avenue and East Fork Cave Creek Wash.							
						Function: Local Drainage Solutions	
						Strategic Plan: Infrastructure	
						District: 3	
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Construction		-	-	-	-	254,000	\$254,000
Project total		-	-	-	-	\$254,000	\$254,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	254,000	\$254,000
Funding total		-	-	-	-	\$254,000	\$254,000
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ST83140045	DRAINAGE IMPROVEMENTS: 16TH STREET AND BUTLER AVENUE						
Construct storm drain improvements at 16th Street and Butler Avenue.							
						Function: Local Drainage Solutions	
						Strategic Plan: Infrastructure	
						District: 3	
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Construction		-	-	-	200,000	-	\$200,000
Project total		-	-	-	\$200,000	-	\$200,000
Capital Construction		-	-	-	200,000	-	\$200,000
Funding total		-	-	-	\$200,000	-	\$200,000
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ST83140069	DRAINAGE IMPROVEMENTS: 16TH PLACE AND VIOLET DRIVE						
Construct storm drain improvements at 16th Place and Violet Drive.							
						Function: Local Drainage Solutions	
						Strategic Plan: Infrastructure	
						District: 8	
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Construction		25,000	-	-	-	-	\$25,000
Project total		\$25,000	-	-	-	-	\$25,000
Capital Construction		25,000	-	-	-	-	\$25,000
Funding total		\$25,000	-	-	-	-	\$25,000
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ST83140072	3RD AVENUE AND DOBBINS ROAD STORM DRAIN						
Construct 18-inch, 24-inch and 30-inch storm drain in the area bounded by South Mountain Avenue, Dobbins Road, Montezuma Street, and 3rd Avenue.							
						Function: Local Drainage Solutions	
						Strategic Plan: Infrastructure	
						District: 8	
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Construction		142,000	-	-	-	-	\$142,000
Project total		\$142,000	-	-	-	-	\$142,000
Capital Construction		142,000	-	-	-	-	\$142,000
Funding total		\$142,000	-	-	-	-	\$142,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST83140077	DRAINAGE IMPROVEMENTS: 35TH AVENUE						
Construct drainage improvements on 35th Avenue from Dobbins Road to Baseline Road.							
							District: 8
Construction		30,000	-	-	-	-	\$30,000
Project total		\$30,000	-	-	-	-	\$30,000
Capital Construction		30,000	-	-	-	-	\$30,000
Funding total		\$30,000	-	-	-	-	\$30,000
ST83140079	DETENTION BASIN AT 47TH AVENUE AND PARADISE LANE						
Design and construct a detention basin to enhance Paradise Lane Park.							
							District: 1
Construction		690,000	-	-	-	-	\$690,000
Design		15,000	-	-	-	-	\$15,000
Project total		\$705,000	-	-	-	-	\$705,000
Capital Construction		455,000	-	-	-	-	\$455,000
Federal, State and Other Participation		250,000	-	-	-	-	\$250,000
Funding total		\$705,000	-	-	-	-	\$705,000
ST83140080	DRAINAGE IMPROVEMENTS: OSBORN ROAD						
Design and construct a storm drain on Osborn Road between 48th Street and 49th Street.							
							District: 6
Construction		500,000	-	-	-	-	\$500,000
Design		15,000	-	-	-	-	\$15,000
Project total		\$515,000	-	-	-	-	\$515,000
Capital Construction		265,000	-	-	-	-	\$265,000
Federal, State and Other Participation		250,000	-	-	-	-	\$250,000
Funding total		\$515,000	-	-	-	-	\$515,000
ST83140081	DRAINAGE IMPROVEMENTS: PALM LANE AND 30TH STREET						
Design and construct a storm drain along Palm Lane from 28th Place to 30th Street (1,500 LF) and continue south on 30th Street from Palm Lane to McDowell Road (1,400 LF).							
							District: 8
Construction		1,120,000	-	-	-	-	\$1,120,000
Design		55,000	-	-	-	-	\$55,000
Project total		\$1,175,000	-	-	-	-	\$1,175,000
Capital Construction		925,000	-	-	-	-	\$925,000
Federal, State and Other Participation		250,000	-	-	-	-	\$250,000
Funding total		\$1,175,000	-	-	-	-	\$1,175,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100131	UNDETERMINED MAJOR STREETS						
Construct streets yet to be determined.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		16,278,581	9,532,235	12,172,235	20,905,000	22,170,000	\$81,058,051
Design		12,342,723	12,926,049	12,157,000	12,200,000	12,200,000	\$61,825,772
Project total		\$28,621,304	\$22,458,284	\$24,329,235	\$33,105,000	\$34,370,000	\$142,883,823
Arizona Highway User Revenue		24,213,867	17,927,355	19,990,000	28,735,000	30,000,000	\$120,866,222
Capital Construction		4,307,437	4,430,929	4,239,235	4,170,000	4,170,000	\$21,317,601
Capital Reserves		100,000	100,000	100,000	200,000	200,000	\$700,000
Funding total		\$28,621,304	\$22,458,284	\$24,329,235	\$33,105,000	\$34,370,000	\$142,883,823
ST85100141	7TH AVENUE, SOUTHERN AVENUE TO SALT RIVER						
Construct one and a half miles of major street.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: 7					
Construction		-	-	5,900,000	-	-	\$5,900,000
Project total		-	-	\$5,900,000	-	-	\$5,900,000
Arizona Highway User Revenue		-	-	5,900,000	-	-	\$5,900,000
Funding total		-	-	\$5,900,000	-	-	\$5,900,000
ST85100161	VAN BUREN: 75TH AVENUE TO 67TH AVENUE						
Construct one mile of major street.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: 7					
Construction		145,900	-	-	-	-	\$145,900
Land Acquisition		14,650	-	-	-	-	\$14,650
Project total		\$160,550	-	-	-	-	\$160,550
2006 Street and Storm Sewer Improvements Bonds		160,550	-	-	-	-	\$160,550
Funding total		\$160,550	-	-	-	-	\$160,550
ST85100198	27TH AVENUE AND THOMAS ROAD RAILROAD CROSSINGS						
Improve railroad crossings at 27th Avenue and Thomas Road.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: 4 & 7					
Construction		734,914	-	-	-	-	\$734,914
Design		3,420	-	-	-	-	\$3,420
Project total		\$738,334	-	-	-	-	\$738,334
Arizona Highway User Revenue		79,596	-	-	-	-	\$79,596
Federal, State and Other Participation		658,738	-	-	-	-	\$658,738
Funding total		\$738,334	-	-	-	-	\$738,334

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100267	BASELINE ROAD: 59TH AVENUE TO 51ST AVENUE						
Construct one mile of major street.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 8							
Construction		1,810,206	-	-	-	-	\$1,810,206
Land Acquisition		58,403	-	-	-	-	\$58,403
Project total		\$1,868,609	-	-	-	-	\$1,868,609
Arizona Highway User Revenue		1,088,945	-	-	-	-	\$1,088,945
Federal, State and Other Participation		779,664	-	-	-	-	\$779,664
Funding total		\$1,868,609	-	-	-	-	\$1,868,609
ST85100270	IMPACT FEE PROJECTS						
Complete major street projects in impact fee areas.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: Citywide							
Construction		7,727,603	-	-	-	-	\$7,727,603
Project total		\$7,727,603	-	-	-	-	\$7,727,603
Impact Fees		7,727,603	-	-	-	-	\$7,727,603
Funding total		\$7,727,603	-	-	-	-	\$7,727,603
ST85100274	PINNACLE PEAK ROAD - TATUM INTERSECTION						
Construct a double-barrel box culvert, roadway embankments and temporary detour.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 2							
Construction		5,000	-	-	-	-	\$5,000
Project total		\$5,000	-	-	-	-	\$5,000
2006 Street and Storm Sewer Improvements Bonds		5,000	-	-	-	-	\$5,000
Funding total		\$5,000	-	-	-	-	\$5,000
ST85100280	CAMELBACK CORRIDOR UTILITY ROAD IMPROVEMENT						
Provide streetscape improvements.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 6							
Construction		-	-	-	-	1,015,702	\$1,015,702
Project total		-	-	-	-	\$1,015,702	\$1,015,702
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	1,015,702	\$1,015,702
Funding total		-	-	-	-	\$1,015,702	\$1,015,702

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100289	35TH AVENUE SOUTH OF INDIAN SCHOOL RAILROAD CROSSING						
	Construct railroad crossing improvements on 35th Avenue south of Indian School Road.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 4
	Construction	392,593	-	-	-	-	\$392,593
	Design	83,836	-	-	-	-	\$83,836
	Land Acquisition	8,683	-	-	-	-	\$8,683
	Project total	\$485,112	-	-	-	-	\$485,112
	Arizona Highway User Revenue	6,861	-	-	-	-	\$6,861
	Federal, State and Other Participation	478,251	-	-	-	-	\$478,251
	Funding total	\$485,112	-	-	-	-	\$485,112
ST85100321	THOMAS ROAD AND I-17 INTERCHANGE UPGRADE						
	Construct improvements for the Thomas Road and I-17 Freeway interchange.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 4 & 7
	Construction	-	-	-	-	114,000	\$114,000
	Project total	-	-	-	-	\$114,000	\$114,000
	1988 Freeway Mitigation Bonds	-	-	-	-	114,000	\$114,000
	Funding total	-	-	-	-	\$114,000	\$114,000
ST85100322	INDIAN SCHOOL ROAD AND I-17 INTERCHANGE UPGRADE						
	Construct improvements for the Indian School Road and I-17 Freeway interchange.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 4
	Construction	-	-	-	-	370,000	\$370,000
	Project total	-	-	-	-	\$370,000	\$370,000
	1988 Freeway Mitigation Bonds	-	-	-	-	370,000	\$370,000
	Funding total	-	-	-	-	\$370,000	\$370,000
ST85100323	NORTHERN AVENUE AND I-17 INTERCHANGE UPGRADE						
	Construct improvements for the Northern Avenue and I-17 Freeway interchange.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 5
	Construction	-	-	-	-	115,000	\$115,000
	Project total	-	-	-	-	\$115,000	\$115,000
	1988 Freeway Mitigation Bonds	-	-	-	-	115,000	\$115,000
	Funding total	-	-	-	-	\$115,000	\$115,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100324	CAMELBACK ROAD AND I-17 INTERCHANGE UPGRADE						
	Construct improvements for the Camelback Road and I-17 Freeway interchange.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 4 & 5
	Construction	-	-	-	-	107,000	\$107,000
	Project total	-	-	-	-	\$107,000	\$107,000
	1988 Freeway Mitigation Bonds	-	-	-	-	107,000	\$107,000
	Funding total	-	-	-	-	\$107,000	\$107,000
ST85100325	NORTHWEST CORNER OF 7TH AVENUE AND MONTECITO AVENUE						
	Construct improvements on the northwest corner of 7th Avenue and Montecito Avenue.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 4
	Construction	-	-	-	-	25,000	\$25,000
	Project total	-	-	-	-	\$25,000	\$25,000
	2001 Street Improvement Bonds	-	-	-	-	25,000	\$25,000
	Funding total	-	-	-	-	\$25,000	\$25,000
ST85100326	I-17 FREEWAY CORRIDOR PLAN						
	Update the I-17 Freeway Corridor Plan.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 1, 2, 3, 4, 5 & 7
	Construction	-	-	-	-	600,000	\$600,000
	Project total	-	-	-	-	\$600,000	\$600,000
	1988 Freeway Mitigation Bonds	-	-	-	-	600,000	\$600,000
	Funding total	-	-	-	-	\$600,000	\$600,000
ST85100329	SONORAN DESERT DRIVE						
	Construct one quarter mile of major street on Sonoran Desert Drive from Paloma Parkway to 15th Avenue.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 2
	Construction	715,000	-	-	-	-	\$715,000
	Project total	\$715,000	-	-	-	-	\$715,000
	Arizona Highway User Revenue	715,000	-	-	-	-	\$715,000
	Funding total	\$715,000	-	-	-	-	\$715,000
ST85100335	SONORAN BOULEVARD: 23RD AVENUE TO CAVE CREEK ROAD						
	Provide right-of-way acquisition payment to Arizona State Land Department.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 2
	Land Acquisition	1,800,000	-	-	-	-	\$1,800,000
	Project total	\$1,800,000	-	-	-	-	\$1,800,000
	Arizona Highway User Revenue	1,800,000	-	-	-	-	\$1,800,000
	Funding total	\$1,800,000	-	-	-	-	\$1,800,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100336	15TH AVENUE RAILROAD IMPROVEMENTS						
Construct concrete approach slabs, curb, gutter and sidewalk at Union Pacific railroad crossing on 15th Avenue north of Lincoln.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 8							
Construction		218,102	-	-	-	-	\$218,102
Land Acquisition		7,302	-	-	-	-	\$7,302
Project total		\$225,404	-	-	-	-	\$225,404
Arizona Highway User Revenue		33,315	-	-	-	-	\$33,315
Federal, State and Other Participation		192,089	-	-	-	-	\$192,089
Funding total		\$225,404	-	-	-	-	\$225,404
ST85100337	15TH AVENUE RAILROAD IMPROVEMENTS						
Acquire right-of-way and construct concrete curb, gutter and sidewalk at railroad crossing south of Madison.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 7							
Construction		101,753	-	-	-	-	\$101,753
Project total		\$101,753	-	-	-	-	\$101,753
Arizona Highway User Revenue		7,831	-	-	-	-	\$7,831
Federal, State and Other Participation		93,922	-	-	-	-	\$93,922
Funding total		\$101,753	-	-	-	-	\$101,753
ST85100339	35TH AVENUE RAILROAD IMPROVEMENTS						
Acquire right-of-way and construct concrete approach slabs, median island, curb, gutter and sidewalk at Union Pacific railroad crossing north of Harrison.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 7							
Construction		210,090	-	-	-	-	\$210,090
Design		46,000	-	-	-	-	\$46,000
Land Acquisition		20,000	-	-	-	-	\$20,000
Project total		\$276,090	-	-	-	-	\$276,090
Arizona Highway User Revenue		30,413	-	-	-	-	\$30,413
Federal, State and Other Participation		245,677	-	-	-	-	\$245,677
Funding total		\$276,090	-	-	-	-	\$276,090
ST85100341	27TH AVENUE: LOWER BUCKEYE ROAD TO BUCKEYE ROAD						
Design, acquire right-of-way and construct one mile of major street.							
Function: Major Streets and Bridges							
Strategic Plan: Infrastructure							
District: 7							
Construction		-	7,250,000	-	-	-	\$7,250,000
Design		198,000	-	-	-	-	\$198,000
Land Acquisition		1,400,000	-	-	-	-	\$1,400,000
Project total		\$1,598,000	\$7,250,000	-	-	-	\$8,848,000
Arizona Highway User Revenue		1,598,000	7,250,000	-	-	-	\$8,848,000
Funding total		\$1,598,000	\$7,250,000	-	-	-	\$8,848,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100342	BUCKEYE ROAD: CENTRAL AVENUE TO 16TH STREET						
	Design, acquire right-of-way and construct two miles of major street and sidewalks.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 8
	Construction	1,370,000	-	-	-	-	\$1,370,000
	Design	30,676	-	-	-	-	\$30,676
	Land Acquisition	123,764	-	-	-	-	\$123,764
	Project total	\$1,524,440	-	-	-	-	\$1,524,440
	Arizona Highway User Revenue	1,524,440	-	-	-	-	\$1,524,440
	Funding total	\$1,524,440	-	-	-	-	\$1,524,440
ST85100343	UNDETERMINED FREEWAY MITIGATION						
	Design and/or construct freeway mitigation projects as determined.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	-	-	-	-	1,348,223	\$1,348,223
	Project total	-	-	-	-	\$1,348,223	\$1,348,223
	1988 Freeway Mitigation Bonds	-	-	-	-	233,737	\$233,737
	2001 Street Improvement Bonds	-	-	-	-	1,114,486	\$1,114,486
	Funding total	-	-	-	-	\$1,348,223	\$1,348,223
ST85100346	REPAIRS AT DEER VALLEY AND SKUNK CREEK BRIDGES OVER THE CAP						
	Repair scour damage on the Deer Valley and Skunk Creek Bridges over the Central Arizona Canal embankments.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 2
	Construction	20,000	-	-	-	-	\$20,000
	Project total	\$20,000	-	-	-	-	\$20,000
	Capital Construction	20,000	-	-	-	-	\$20,000
	Funding total	\$20,000	-	-	-	-	\$20,000
ST85100348	NORTHEAST CORNER OF 31ST AVENUE AND SOUTHERN AVENUE						
	Construct intersection improvements at the northeast corner of 31st Avenue and Southern Avenue.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 8
	Construction	6,000	-	-	-	-	\$6,000
	Project total	\$6,000	-	-	-	-	\$6,000
	Arizona Highway User Revenue	6,000	-	-	-	-	\$6,000
	Funding total	\$6,000	-	-	-	-	\$6,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100349	51ST AVENUE AND SOUTHERN AVENUE INTERSECTION IMPROVEMENTS						
	Design, acquire right-of-way and construct improvements at intersection of 51st Avenue and Southern Avenue.						
							District: 7
	Construction	-	550,000	-	-	-	\$550,000
	Design	115,000	-	-	-	-	\$115,000
	Land Acquisition	-	300,000	-	-	-	\$300,000
	Project total	\$115,000	\$850,000	-	-	-	\$965,000
	Arizona Highway User Revenue	115,000	850,000	-	-	-	\$965,000
	Funding total	\$115,000	\$850,000	-	-	-	\$965,000
ST85100351	BROADWAY ROAD CORRIDOR PLAN						
	Create a plan for the Broadway Corridor.						
							District: 7 & 8
	Construction	895,000	-	-	-	-	\$895,000
	Project total	\$895,000	-	-	-	-	\$895,000
	Capital Reserves	895,000	-	-	-	-	\$895,000
	Funding total	\$895,000	-	-	-	-	\$895,000
ST85100358	ROOSEVELT STREET: 4TH STREET TO 7TH STREET						
	Construct roadway improvements on Roosevelt Street from 4th Street to 7th Street.						
							District: 8
	Construction	100,000	-	-	-	-	\$100,000
	Project total	\$100,000	-	-	-	-	\$100,000
	Arizona Highway User Revenue	100,000	-	-	-	-	\$100,000
	Funding total	\$100,000	-	-	-	-	\$100,000
ST85100362	VAN BUREN STREET: 24TH STREET TO 40TH STREET						
	Design and construct street improvements on Van Buren Street from 24th Street to 40th Street.						
							District: 8
	Construction	-	-	5,200,000	-	-	\$5,200,000
	Design	200,000	500,000	-	-	-	\$700,000
	Project total	\$200,000	\$500,000	\$5,200,000	-	-	\$5,900,000
	Arizona Highway User Revenue	200,000	500,000	1,400,000	-	-	\$2,100,000
	Federal, State and Other Participation	-	-	3,800,000	-	-	\$3,800,000
	Funding total	\$200,000	\$500,000	\$5,200,000	-	-	\$5,900,000

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85100367	CHANDLER BOULEVARD: 27TH AVENUE TO 19TH AVENUE						
	Design, acquire right-of-way and construct half-street improvements on Chandler Boulevard.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 6
	Construction	400,000	-	-	-	-	\$400,000
	Design	128,000	-	-	-	-	\$128,000
	Project total	\$528,000	-	-	-	-	\$528,000
	Federal, State and Other Participation	528,000	-	-	-	-	\$528,000
	Funding total	\$528,000	-	-	-	-	\$528,000
ST85100369	SOUTH MOUNTAIN FREEWAY/LOOP 202 SUPPORT WORK						
	Provide support work to ADOT and Design/Build/Maintain team potentially including design reviews, right-of-way assessment, real estate analysis, water services, meetings and field work.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 6, 7 & 8
	Design	25,000	15,000	10,000	-	-	\$50,000
	Project total	\$25,000	\$15,000	\$10,000	-	-	\$50,000
	Arizona Highway User Revenue	25,000	15,000	10,000	-	-	\$50,000
	Funding total	\$25,000	\$15,000	\$10,000	-	-	\$50,000
ST85100370	T2050 MAJOR STREET TRANSPORTATION PROJECTS						
	Implement major improvements to existing roadway infrastructure and construct new roadways in the City street classification map.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	6,760,000	8,800,000	9,300,000	9,780,000	9,780,000	\$44,420,000
	Project total	\$6,760,000	\$8,800,000	\$9,300,000	\$9,780,000	\$9,780,000	\$44,420,000
	Transportation 2050	6,760,000	8,800,000	9,300,000	9,780,000	9,780,000	\$44,420,000
	Funding total	\$6,760,000	\$8,800,000	\$9,300,000	\$9,780,000	\$9,780,000	\$44,420,000
ST85100371	AVENIDA RIO SALADO PHASE II						
	Install curb, gutter, sidewalk, bike lanes, street lighting, landscaping, ADA ramps, road widening and intersection improvements.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 7 & 8
	Construction	14,904,389	1,996,124	399,225	-	-	\$17,299,738
	Project total	\$14,904,389	\$1,996,124	\$399,225	-	-	\$17,299,738
	Arizona Highway User Revenue	14,904,389	1,996,124	399,225	-	-	\$17,299,738
	Funding total	\$14,904,389	\$1,996,124	\$399,225	-	-	\$17,299,738

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85110009	BRIDGE INSPECTION PROGRAM						
Inspect all bridges citywide.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		1,225,938	1,037,000	1,037,000	1,037,000	1,037,000	\$5,373,938
Project total		\$1,225,938	\$1,037,000	\$1,037,000	\$1,037,000	\$1,037,000	\$5,373,938
Arizona Highway User Revenue		705,938	517,000	517,000	517,000	517,000	\$2,773,938
Federal, State and Other Participation		520,000	520,000	520,000	520,000	520,000	\$2,600,000
Funding total		\$1,225,938	\$1,037,000	\$1,037,000	\$1,037,000	\$1,037,000	\$5,373,938
ST85110011	BRIDGE REHABILITATION						
Rehabilitate bridges as required by the Bridge Rehabilitation Program.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		603,493	308,000	308,000	308,000	308,000	\$1,835,493
Project total		\$603,493	\$308,000	\$308,000	\$308,000	\$308,000	\$1,835,493
Arizona Highway User Revenue		203,493	108,000	108,000	108,000	108,000	\$635,493
Federal, State and Other Participation		400,000	200,000	200,000	200,000	200,000	\$1,200,000
Funding total		\$603,493	\$308,000	\$308,000	\$308,000	\$308,000	\$1,835,493
ST85110059	NORTH VALLEY PARKWAY BRIDGE AT SONORAN WASH						
Acquire right-of-way to construct a bridge at North Valley Parkway over the Sonoran Wash.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: 2					
Land Acquisition		-	-	-	-	2,225,000	\$2,225,000
Project total		-	-	-	-	\$2,225,000	\$2,225,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	2,225,000	\$2,225,000
Funding total		-	-	-	-	\$2,225,000	\$2,225,000
ST85110072	RIVERVIEW DRIVE: BRIDGE BETWEEN 18TH STREET AND 22ND STREET						
Construct a bridge on Riverview Drive between 18th Street and 22nd Street.							
		Function: Major Streets and Bridges					
		Strategic Plan: Infrastructure					
		District: 8					
Construction		4,449,451	-	-	-	4,180,605	\$8,630,056
Design		9,685	-	-	-	-	\$9,685
Project total		\$4,459,136	-	-	-	\$4,180,605	\$8,639,741
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	4,180,605	\$4,180,605
Arizona Highway User Revenue		4,459,136	-	-	-	-	\$4,459,136
Funding total		\$4,459,136	-	-	-	\$4,180,605	\$8,639,741

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85110090	SONORAN DESERT DRIVE: BRIDGE BETWEEN I-17 FREEWAY AND NORTH VALLEY PARKWAY						
	Phase 1 and 2 of a public private partnership to construct a bridge between I-17 Freeway and North Valley Parkway along Sonoran Desert Drive.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: 2
	Construction	945,127	-	-	-	-	\$945,127
	Land Acquisition	356,001	-	-	-	-	\$356,001
	Project total	\$1,301,128	-	-	-	-	\$1,301,128
	Arizona Highway User Revenue	286,001	-	-	-	-	\$286,001
	Capital Reserves	1,015,127	-	-	-	-	\$1,015,127
	Funding total	\$1,301,128	-	-	-	-	\$1,301,128
ST85110091	GUARDRAIL AND BARRIER PROGRAM						
	Install and repair guardrails and barriers as needed.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	108,200	108,200	108,200	102,800	102,800	\$530,200
	Project total	\$108,200	\$108,200	\$108,200	\$102,800	\$102,800	\$530,200
	Capital Construction	108,200	108,200	108,200	102,800	102,800	\$530,200
	Funding total	\$108,200	\$108,200	\$108,200	\$102,800	\$102,800	\$530,200
ST85140003	RIGHT-OF-WAY ACQUISITION AND PREDESIGN						
	Acquire right-of-way and develop conceptual plans for future major street projects.						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: Citywide
	Design	27,000	150,000	150,000	150,000	150,000	\$627,000
	Project total	\$27,000	\$150,000	\$150,000	\$150,000	\$150,000	\$627,000
	Arizona Highway User Revenue	27,000	150,000	150,000	150,000	150,000	\$627,000
	Funding total	\$27,000	\$150,000	\$150,000	\$150,000	\$150,000	\$627,000
ST85140010	STREETS ENTERPRISE GEOGRAPHIC INFORMATION SYSTEM (GIS) PROJECT						
	Enhance the Geographic Information System (GIS).						
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	-	-	-	100,000	100,000	\$200,000
	Design	245,000	100,000	100,000	-	-	\$445,000
	Project total	\$245,000	\$100,000	\$100,000	\$100,000	\$100,000	\$645,000
	Arizona Highway User Revenue	245,000	100,000	100,000	100,000	100,000	\$645,000
	Funding total	\$245,000	\$100,000	\$100,000	\$100,000	\$100,000	\$645,000

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85160001	STREET LIGHTING						
Install street lighting on major street projects.							
						Function: Street Lighting	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		125,636	100,000	100,000	100,000	100,000	\$525,636
Project total		\$125,636	\$100,000	\$100,000	\$100,000	\$100,000	\$525,636
Arizona Highway User Revenue		125,636	100,000	100,000	100,000	100,000	\$525,636
Funding total		\$125,636	\$100,000	\$100,000	\$100,000	\$100,000	\$525,636
ST85160007	SOLAR STREETLIGHT PILOT PROGRAM						
Develop a pilot program to install solar streetlights citywide.							
						Function: Street Lighting	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		108,000	-	-	-	-	\$108,000
Project total		\$108,000	-	-	-	-	\$108,000
Arizona Highway User Revenue		108,000	-	-	-	-	\$108,000
Funding total		\$108,000	-	-	-	-	\$108,000
ST85160011	LED STREETLIGHT CONVERSION						
Replace older high-pressure sodium streetlight bulbs with energy-efficient light-emitting diodes (LED).							
						Function: Street Lighting	
						Strategic Plan: Innovation and Efficiency	
						District: Citywide	
Construction		30,000,000	-	-	-	-	\$30,000,000
Project total		\$30,000,000	-	-	-	-	\$30,000,000
Nonprofit Corporation Bonds - Other		30,000,000	-	-	-	-	\$30,000,000
Funding total		\$30,000,000	-	-	-	-	\$30,000,000
ST85170001	LANDSCAPE RETROFIT PROGRAM						
Retrofit landscaping on existing major streets.							
						Function: Retrofit	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		628,740	500,000	500,000	500,000	500,000	\$2,628,740
Project total		\$628,740	\$500,000	\$500,000	\$500,000	\$500,000	\$2,628,740
Arizona Highway User Revenue		628,740	500,000	500,000	500,000	500,000	\$2,628,740
Funding total		\$628,740	\$500,000	\$500,000	\$500,000	\$500,000	\$2,628,740
ST85170058	HISTORIC DISTRICTS STREETSCAPE IMPROVEMENT						
Provide streetscape improvements.							
						Function: Retrofit	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		168,885	-	-	-	200,000	\$368,885
Project total		\$168,885	-	-	-	\$200,000	\$368,885
2006 Street and Storm Sewer Improvements Bonds		168,885	-	-	-	200,000	\$368,885
Funding total		\$168,885	-	-	-	\$200,000	\$368,885

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST85170059	WEST PHOENIX STREETScape / RETROFIT PROGRAM						
	Provide streetscape improvements.						
	Estimated full-year ongoing operating costs:	\$30,000					
	Construction	-	-	-	-	998,408	\$998,408
	Project total	-	-	-	-	\$998,408	\$998,408
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	998,408	\$998,408
	Funding total	-	-	-	-	\$998,408	\$998,408
ST85170097	MCDOWELL ROAD: 51ST AVENUE TO 35TH AVENUE						
	Improvement of landscape on McDowell Road from 51st Avenue to 35th Avenue.						
	Construction	362,610	-	-	-	-	\$362,610
	Project total	\$362,610	-	-	-	-	\$362,610
	2006 Street and Storm Sewer Improvements Bonds	192,610	-	-	-	-	\$192,610
	Arizona Highway User Revenue	170,000	-	-	-	-	\$170,000
	Funding total	\$362,610	-	-	-	-	\$362,610
ST85170098	27TH AVENUE: INDIAN SCHOOL ROAD TO CAMELBACK ROAD						
	Improvement of landscape on 27th Avenue from Indian School Road to Camelback Road.						
	Construction	322,144	-	-	-	-	\$322,144
	Project total	\$322,144	-	-	-	-	\$322,144
	2006 Street and Storm Sewer Improvements Bonds	10,000	-	-	-	-	\$10,000
	Arizona Highway User Revenue	312,144	-	-	-	-	\$312,144
	Funding total	\$322,144	-	-	-	-	\$322,144
ST85170105	20TH STREET: CAMPBELL AVENUE TO HIGHLAND AVENUE						
	Improvement of landscape on 20th Street from Campbell Avenue to Highland Avenue.						
	Construction	274,112	-	-	-	-	\$274,112
	Project total	\$274,112	-	-	-	-	\$274,112
	2006 Street and Storm Sewer Improvements Bonds	274,112	-	-	-	-	\$274,112
	Funding total	\$274,112	-	-	-	-	\$274,112

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87100101	MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) SPECIFICATIONS PROJECTS						
	Construct projects to comply with Maricopa Association of Governments standard specifications.						
							Function: Street Modernization Strategic Plan: Infrastructure District: Citywide
Construction		-	-	32,000	32,000	32,000	\$96,000
Design		67,000	32,000	-	-	-	\$99,000
Project total		\$67,000	\$32,000	\$32,000	\$32,000	\$32,000	\$195,000
Capital Construction		67,000	32,000	32,000	32,000	32,000	\$195,000
Funding total		\$67,000	\$32,000	\$32,000	\$32,000	\$32,000	\$195,000
ST87100155	WEST PHOENIX REVITALIZATION PROGRAM						
	Construct modernization projects to include curbs, gutters, sidewalks and street lighting west Phoenix.						
	Estimated full-year ongoing operating costs:	\$30,000					
							District: 1, 4, 5 & 7
Construction		-	-	-	-	683,510	\$683,510
Project total		-	-	-	-	\$683,510	\$683,510
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	683,510	\$683,510
Funding total		-	-	-	-	\$683,510	\$683,510
ST87100161	STREET IMPROVEMENTS ON 107TH AVENUE FROM CAMELBACK ROAD TO INDIAN SCHOOL ROAD						
	Construct major street improvements on 107th Avenue from Camelback Road to Indian School Road.						
							Function: Street Modernization Strategic Plan: Infrastructure District: 5
Construction		1,766,650	1,824,115	-	-	-	\$3,590,765
Design		14,000	-	-	-	-	\$14,000
Land Acquisition		19,000	-	-	-	-	\$19,000
Project total		\$1,799,650	\$1,824,115	-	-	-	\$3,623,765
Arizona Highway User Revenue		899,650	1,824,115	-	-	-	\$2,723,765
Federal, State and Other Participation		900,000	-	-	-	-	\$900,000
Funding total		\$1,799,650	\$1,824,115	-	-	-	\$3,623,765

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87100162	STREET IMPROVEMENTS ON 3RD STREET PROMENADE FROM MCDOWELL ROAD TO INDIAN SCHOOL ROAD (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
	Design and acquire land for road improvements along 3rd Street from McDowell Road to Indian School Road.						
							Function: Street Modernization
							Strategic Plan: Infrastructure
							District: 4
	Construction	-	1,732,354	-	-	-	\$1,732,354
	Design	312,050	-	-	-	-	\$312,050
	Land Acquisition	50,000	-	50,000	-	-	\$100,000
	Project total	\$362,050	\$1,732,354	\$50,000	-	-	\$2,144,404
	Arizona Highway User Revenue	312,050	1,732,354	50,000	-	-	\$2,094,404
	Capital Construction	50,000	-	-	-	-	\$50,000
	Funding total	\$362,050	\$1,732,354	\$50,000	-	-	\$2,144,404
ST87100163	STREET MODIFICATION: 3RD STREET FROM JEFFERSON STREET TO LINCOLN STREET (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
	Modification of 3rd Street from one-way to two-way between Jefferson Street and Lincoln Street.						
							Function: Street Modernization
							Strategic Plan: Infrastructure
							District: 8
	Construction	-	2,125,000	-	-	-	\$2,125,000
	Design	665,000	-	-	-	-	\$665,000
	Land Acquisition	25,000	-	-	-	-	\$25,000
	Project total	\$690,000	\$2,125,000	-	-	-	\$2,815,000
	Arizona Highway User Revenue	690,000	2,125,000	-	-	-	\$2,815,000
	Funding total	\$690,000	\$2,125,000	-	-	-	\$2,815,000
ST87100164	STREET MODIFICATIONS: 3RD AVENUE TO 5TH AVENUE FROM MCDOWELL TO WASHINGTON						
	Modification of both 3rd Avenue and 5th Avenue from one-way to two-way between McDowell Road and Washington Street.						
							Function: Street Modernization
							Strategic Plan: Infrastructure
							District: 7
	Construction	-	4,637,500	-	-	-	\$4,637,500
	Design	1,250,000	-	-	-	-	\$1,250,000
	Land Acquisition	-	50,000	-	-	-	\$50,000
	Project total	\$1,250,000	\$4,687,500	-	-	-	\$5,937,500
	Arizona Highway User Revenue	1,250,000	4,687,500	-	-	-	\$5,937,500
	Funding total	\$1,250,000	\$4,687,500	-	-	-	\$5,937,500

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87100165	MIDTOWN PREDEVELOPMENT IMPROVEMENTS (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
	Implement transportation connectivity improvements such as mid-block crossings, sidewalk improvements and street lighting to aid in redevelopment efforts in this central portion of the City.						
							District: 7
	Construction	100,000	-	-	-	-	\$100,000
	Project total	\$100,000	-	-	-	-	\$100,000
	Arizona Highway User Revenue	100,000	-	-	-	-	\$100,000
	Funding total	\$100,000	-	-	-	-	\$100,000
ST87100166	WAREHOUSE DISTRICT PREDEVELOPMENT IMPROVEMENTS (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
	Implement transportation connectivity improvements including sidewalks, Americans with Disabilities Act (ADA) Ramps, street lighting, curb and gutter, and other transportation improvements to fully interconnect the community.						
							District: 8
	Construction	99,000	-	-	-	-	\$99,000
	Project total	\$99,000	-	-	-	-	\$99,000
	Arizona Highway User Revenue	99,000	-	-	-	-	\$99,000
	Funding total	\$99,000	-	-	-	-	\$99,000
ST87110000	STREET MODERNIZATION						
	Construct local and collector streets to modern standards with curb, gutter, sidewalks and street lighting.						
							District: Citywide
	Construction	-	115,000	115,000	115,000	1,743,000	\$2,088,000
	Project total	-	\$115,000	\$115,000	\$115,000	\$1,743,000	\$2,088,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	1,628,000	\$1,628,000
	Capital Construction	-	115,000	115,000	115,000	115,000	\$460,000
	Funding total	-	\$115,000	\$115,000	\$115,000	\$1,743,000	\$2,088,000
ST87110138	ENCINAS LANE: 16TH STREET TO 21ST STREET						
	Construct a street modernization project including curb, gutter and sidewalk on Encinas Lane from 16th Street to 21st Street.						
							District: 5
	Construction	479,500	-	-	-	-	\$479,500
	Project total	\$479,500	-	-	-	-	\$479,500
	Arizona Highway User Revenue	300,000	-	-	-	-	\$300,000
	Capital Construction	179,500	-	-	-	-	\$179,500
	Funding total	\$479,500	-	-	-	-	\$479,500

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87110144	YUMA STREET: 31ST AVENUE TO 28TH AVENUE						
Construct curb and sidewalk on Yuma Street from 31st Avenue to 28th Avenue.							
							District: 7
							Function: Street Modernization
							Strategic Plan: Infrastructure
Construction		386,000	-	-	-	-	\$386,000
Design		5,000	-	-	-	-	\$5,000
Project total		\$391,000	-	-	-	-	\$391,000
Federal, State and Other Participation		391,000	-	-	-	-	\$391,000
Funding total		\$391,000	-	-	-	-	\$391,000
ST87250001	MIDBLOCK STREETLIGHTS						
Install midblock streetlights in older residential neighborhoods.							
							District: Citywide
							Function: Street Modernization
							Strategic Plan: Infrastructure
Construction		146,631	50,000	50,000	50,000	50,000	\$346,631
Project total		\$146,631	\$50,000	\$50,000	\$50,000	\$50,000	\$346,631
Arizona Highway User Revenue		146,631	50,000	50,000	50,000	50,000	\$346,631
Funding total		\$146,631	\$50,000	\$50,000	\$50,000	\$50,000	\$346,631
ST87350012	PROGRAM/PROJECT MANAGEMENT						
Provide for environmental related support services for program management.							
							District: Citywide
							Function: Major Streets and Bridges
							Strategic Plan: Infrastructure
Construction		100,000	100,000	100,000	100,000	100,000	\$500,000
Project total		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Arizona Highway User Revenue		100,000	100,000	100,000	100,000	100,000	\$500,000
Funding total		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
ST87400075	MAJOR/COLLECTOR OVERLAY PROGRAM						
Provide for the annual Major and Collector Street Overlay program.							
							District: Citywide
							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
Construction		-	13,600,000	13,600,000	13,600,000	13,600,000	\$54,400,000
Project total		-	\$13,600,000	\$13,600,000	\$13,600,000	\$13,600,000	\$54,400,000
Arizona Highway User Revenue		-	13,600,000	13,600,000	13,600,000	13,600,000	\$54,400,000
Funding total		-	\$13,600,000	\$13,600,000	\$13,600,000	\$13,600,000	\$54,400,000
ST87400076	RESIDENTIAL STREET OVERLAY PROGRAM						
Provide for the annual Residential Street Overlay program.							
							District: Citywide
							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
Construction		21,545,000	6,208,000	6,176,000	6,032,000	7,182,000	\$47,143,000
Project total		\$21,545,000	\$6,208,000	\$6,176,000	\$6,032,000	\$7,182,000	\$47,143,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	1,150,000	\$1,150,000
Arizona Highway User Revenue		20,800,000	5,000,000	5,000,000	5,000,000	5,000,000	\$40,800,000
Capital Construction		745,000	1,208,000	1,176,000	1,032,000	1,032,000	\$5,193,000
Funding total		\$21,545,000	\$6,208,000	\$6,176,000	\$6,032,000	\$7,182,000	\$47,143,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87400077	SLURRY SEAL PROGRAM						
Provide for the annual Slurry Seal program.						Function: Street Rehabilitation	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		980,000	980,000	980,000	980,000	980,000	\$4,900,000
Project total		\$980,000	\$980,000	\$980,000	\$980,000	\$980,000	\$4,900,000
Arizona Highway User Revenue		980,000	980,000	980,000	980,000	980,000	\$4,900,000
Funding total		\$980,000	\$980,000	\$980,000	\$980,000	\$980,000	\$4,900,000
ST87400078	CRACKSEAL LABOR PROGRAM						
Provide for the annual Crackseal Labor program.						Function: Street Rehabilitation	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	\$5,500,000
Project total		\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$5,500,000
Arizona Highway User Revenue		1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	\$5,500,000
Funding total		\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$5,500,000
ST87400079	PORTLAND CEMENT CONCRETE REPAIR PROGRAM						
Provide for the annual Portland Cement Concrete Repair program.						Function: Street Rehabilitation	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		3,401,075	3,700,000	3,700,000	3,700,000	3,700,000	\$18,201,075
Project total		\$3,401,075	\$3,700,000	\$3,700,000	\$3,700,000	\$3,700,000	\$18,201,075
Arizona Highway User Revenue		3,401,075	3,700,000	3,700,000	3,700,000	3,700,000	\$18,201,075
Funding total		\$3,401,075	\$3,700,000	\$3,700,000	\$3,700,000	\$3,700,000	\$18,201,075
ST87400123	FREEWAY LANDSCAPING						
Install landscaping along freeways.						Function: Street Rehabilitation	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		765,000	765,000	765,000	765,000	765,000	\$3,825,000
Project total		\$765,000	\$765,000	\$765,000	\$765,000	\$765,000	\$3,825,000
Capital Construction		765,000	765,000	765,000	765,000	765,000	\$3,825,000
Funding total		\$765,000	\$765,000	\$765,000	\$765,000	\$765,000	\$3,825,000
ST87400145	FRACTURED AGGREGATE SURFACE TREATMENT (FAST) PROGRAM						
Provide for the annual Fractured Aggregate Surface Treatment (FAST) Program.						Function: Street Rehabilitation	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		895,000	895,000	895,000	895,000	895,000	\$4,475,000
Project total		\$895,000	\$895,000	\$895,000	\$895,000	\$895,000	\$4,475,000
Capital Construction		895,000	895,000	895,000	895,000	895,000	\$4,475,000
Funding total		\$895,000	\$895,000	\$895,000	\$895,000	\$895,000	\$4,475,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87400202	2015 CMAQ ALLEY DUSTPROOFING						
Annual alley dustproofing contract.							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,417,186	-	-	-	-	\$1,417,186
Design		10,000	-	-	-	-	\$10,000
Project total		\$1,427,186	-	-	-	-	\$1,427,186
Capital Construction		120,015	-	-	-	-	\$120,015
Federal, State and Other Participation		1,307,171	-	-	-	-	\$1,307,171
Funding total		\$1,427,186	-	-	-	-	\$1,427,186
ST87400239	2016 CMAQ ALLEY DUSTPROOFING						
Annual alley dustproofing contract.							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,311,410	-	-	-	-	\$1,311,410
Project total		\$1,311,410	-	-	-	-	\$1,311,410
Capital Construction		58,000	-	-	-	-	\$58,000
Federal, State and Other Participation		1,253,410	-	-	-	-	\$1,253,410
Funding total		\$1,311,410	-	-	-	-	\$1,311,410
ST87400244	T2050 MAJOR MAINTENANCE						
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.							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
							District: Citywide
Construction		14,100,000	14,800,000	15,500,000	16,300,000	17,100,000	\$77,800,000
Project total		\$14,100,000	\$14,800,000	\$15,500,000	\$16,300,000	\$17,100,000	\$77,800,000
Transportation 2050		14,100,000	14,800,000	15,500,000	16,300,000	17,100,000	\$77,800,000
Funding total		\$14,100,000	\$14,800,000	\$15,500,000	\$16,300,000	\$17,100,000	\$77,800,000
ST87440012	DUST CONTROL PROGRAM						
Construct projects to control dust as identified.							Function: Street Rehabilitation
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,647,909	358,000	358,000	358,000	358,000	\$3,079,909
Project total		\$1,647,909	\$358,000	\$358,000	\$358,000	\$358,000	\$3,079,909
Capital Construction		358,000	358,000	358,000	358,000	358,000	\$1,790,000
Federal, State and Other Participation		1,289,909	-	-	-	-	\$1,289,909
Funding total		\$1,647,909	\$358,000	\$358,000	\$358,000	\$358,000	\$3,079,909

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87500000	AMERICANS WITH DISABILITIES ACT COMPLIANCE IMPROVEMENTS						
	Design and construct street improvements to comply with the Americans with Disabilities Act.						
							Function: ADA Compliance
							Strategic Plan: Infrastructure
							District: Citywide
Construction		442,500	442,500	442,500	442,500	1,092,500	\$2,862,500
Design		10,000	10,000	10,000	10,000	10,000	\$50,000
Project total		\$452,500	\$452,500	\$452,500	\$452,500	\$1,102,500	\$2,912,500
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	650,000	\$650,000
Arizona Highway User Revenue		10,000	10,000	10,000	10,000	10,000	\$50,000
Capital Construction		442,500	442,500	442,500	442,500	442,500	\$2,212,500
Funding total		\$452,500	\$452,500	\$452,500	\$452,500	\$1,102,500	\$2,912,500
ST87600004	UNDETERMINED BIKEWAYS						
	Improve the citywide bikeway system.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: Citywide
Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
Project total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Arizona Highway User Revenue		50,000	50,000	50,000	50,000	50,000	\$250,000
Funding total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
ST87600062	NEVITT PARK BICYCLE AND PEDESTRIAN BRIDGE						
	Acquire right-of-way and construct a bicycle and pedestrian bridge at Nevitt Park.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 8
Construction		110,000	-	-	-	-	\$110,000
Project total		\$110,000	-	-	-	-	\$110,000
Arizona Highway User Revenue		110,000	-	-	-	-	\$110,000
Funding total		\$110,000	-	-	-	-	\$110,000
ST87600066	INDIAN SCHOOL ROAD AND 16TH STREET MULTI-USE TRAIL						
	Acquire right-of-way and construct a multi-use trail near Indian School Road and 16th Street.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 4
Construction		1,212,206	-	-	-	-	\$1,212,206
Project total		\$1,212,206	-	-	-	-	\$1,212,206
Arizona Highway User Revenue		338,784	-	-	-	-	\$338,784
Federal, State and Other Participation		873,422	-	-	-	-	\$873,422
Funding total		\$1,212,206	-	-	-	-	\$1,212,206

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600068	BICYCLE RACKS CITYWIDE						
Procure and install bicycle racks citywide.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		8,093	-	-	-	-	\$8,093
Project total		\$8,093	-	-	-	-	\$8,093
Capital Construction		8,093	-	-	-	-	\$8,093
Funding total		\$8,093	-	-	-	-	\$8,093
ST87600069	SCIENCE CENTER PEDESTRIAN BRIDGE						
Construct a pedestrian bridge between the Children's Museum and Science Center over 7th Street.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: 8					
Construction		-	-	-	-	6,091,745	\$6,091,745
Project total		-	-	-	-	\$6,091,745	\$6,091,745
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	6,091,745	\$6,091,745
Funding total		-	-	-	-	\$6,091,745	\$6,091,745
ST87600074	GRAND CANAL ARTERIAL/COLLECTOR STREET CROSSING						
Construct street crossing at Grand Canal.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: 4, 5 & 8					
Construction		4,585,000	-	-	-	-	\$4,585,000
Design		460,000	-	-	-	-	\$460,000
Land Acquisition		400,000	-	-	-	-	\$400,000
Project total		\$5,445,000	-	-	-	-	\$5,445,000
Arizona Highway User Revenue		60,000	-	-	-	-	\$60,000
Capital Construction		400,000	-	-	-	-	\$400,000
Federal, State and Other Participation		4,985,000	-	-	-	-	\$4,985,000
Funding total		\$5,445,000	-	-	-	-	\$5,445,000
ST87600075	BICYCLE DETECTION AT INTERSECTIONS						
Install citywide bicycle detection systems at intersections.							
		Function: Bikeways and Pedestrian Walkways					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		65,000	-	-	-	-	\$65,000
Project total		\$65,000	-	-	-	-	\$65,000
Arizona Highway User Revenue		65,000	-	-	-	-	\$65,000
Funding total		\$65,000	-	-	-	-	\$65,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600078	REGIONAL BIKE SHARE PROGRAM						
	Participate in regional bike share project along Metro Rail corridor from Phoenix to Tempe.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	1,189,715	-	-	-	-	\$1,189,715
	Project total	\$1,189,715	-	-	-	-	\$1,189,715
	Arizona Highway User Revenue	185,500	-	-	-	-	\$185,500
	Capital Reserves	226,240	-	-	-	-	\$226,240
	Federal, State and Other Participation	777,975	-	-	-	-	\$777,975
	Funding total	\$1,189,715	-	-	-	-	\$1,189,715
ST87600079	RIO SALADO PATHWAY: 32ND STREET TO SR 143						
	Design and install a pathway from 32nd Street to SR 143.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 8
	Construction	3,643,226	-	-	-	-	\$3,643,226
	Project total	\$3,643,226	-	-	-	-	\$3,643,226
	Arizona Highway User Revenue	462,274	-	-	-	-	\$462,274
	Federal, State and Other Participation	3,180,952	-	-	-	-	\$3,180,952
	Funding total	\$3,643,226	-	-	-	-	\$3,643,226
ST87600081	GRAND CANAL: THOMAS ROAD FROM 21ST PLACE TO 24TH STREET						
	Design and construct a multi-use path near the Grand Canal located on Thomas Road from 21st Place to 24th Street.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 8
	Construction	347,390	-	-	-	-	\$347,390
	Project total	\$347,390	-	-	-	-	\$347,390
	Arizona Highway User Revenue	26,402	-	-	-	-	\$26,402
	Federal, State and Other Participation	320,988	-	-	-	-	\$320,988
	Funding total	\$347,390	-	-	-	-	\$347,390
ST87600084	BIKE MASTER PLAN						
	Make improvements to the citywide bikeway system.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	2,009,750	2,000,000	2,000,000	2,000,000	2,000,000	\$10,009,750
	Project total	\$2,009,750	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,009,750
	Arizona Highway User Revenue	2,009,750	2,000,000	2,000,000	2,000,000	2,000,000	\$10,009,750
	Funding total	\$2,009,750	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,009,750

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600086	BIKE LANES: 38TH PLACE						
Install bike lanes and slurry seal Baseline Road between 38th Place and 48th Street.							
							District: 6 & 8
Function: Bikeways and Pedestrian Walkways							
Strategic Plan: Infrastructure							
Construction		46,000	-	-	-	-	\$46,000
Design		80,000	-	-	-	-	\$80,000
Project total		\$126,000	-	-	-	-	\$126,000
Arizona Highway User Revenue		126,000	-	-	-	-	\$126,000
Funding total		\$126,000	-	-	-	-	\$126,000
ST87600088	BIKE LANE PLAN DESIGN						
Design bike lanes as identified.							
							District: Citywide
Function: Bikeways and Pedestrian Walkways							
Strategic Plan: Infrastructure							
Construction		18,000	-	-	-	-	\$18,000
Project total		\$18,000	-	-	-	-	\$18,000
Arizona Highway User Revenue		18,000	-	-	-	-	\$18,000
Funding total		\$18,000	-	-	-	-	\$18,000
ST87600093	HAWK SIGNALS: GRAND CANAL AND ARIZONA CANAL						
Install HAWK signals at Grand Canal and Arizona Canal crossings as identified.							
							District: 4, 5 & 8
Function: Bikeways and Pedestrian Walkways							
Strategic Plan: Infrastructure							
Construction		100,000	-	-	-	-	\$100,000
Project total		\$100,000	-	-	-	-	\$100,000
Arizona Highway User Revenue		100,000	-	-	-	-	\$100,000
Funding total		\$100,000	-	-	-	-	\$100,000
ST87600094	RECTANGULAR RAPID FLASHING BEACON (RRFB) AT BIKE CROSSINGS						
Install Rectangular Rapid Flashing Beacons (RRFB) at bike lane major street crossings as identified.							
							District: Citywide
Function: Bikeways and Pedestrian Walkways							
Strategic Plan: Infrastructure							
Construction		36,915	-	-	-	-	\$36,915
Project total		\$36,915	-	-	-	-	\$36,915
Arizona Highway User Revenue		36,915	-	-	-	-	\$36,915
Funding total		\$36,915	-	-	-	-	\$36,915
ST87600096	TRAFFIC SIGNAL: ARIZONA CANAL						
Install traffic signal on 44th Street at the Arizona Canal crossing.							
							District: 6
Function: Bikeways and Pedestrian Walkways							
Strategic Plan: Infrastructure							
Construction		175,000	-	-	-	-	\$175,000
Project total		\$175,000	-	-	-	-	\$175,000
Arizona Highway User Revenue		175,000	-	-	-	-	\$175,000
Funding total		\$175,000	-	-	-	-	\$175,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600097	BIKE LANE STUDY: DOVE VALLEY ROAD						
Preliminary study to evaluate bike lane options including a feasibility report and a 15% pre-design of the preferred option.							
							District: 2
Construction		18,000	-	-	-	-	\$18,000
Project total		\$18,000	-	-	-	-	\$18,000
Arizona Highway User Revenue		18,000	-	-	-	-	\$18,000
Funding total		\$18,000	-	-	-	-	\$18,000
ST87600100	BIKE LANE STUDY: 24TH STREET						
Preliminary study to evaluate bike lane options including a feasibility report and a 15% pre-design of the preferred option.							
							District: 8
Construction		25,000	-	-	-	-	\$25,000
Project total		\$25,000	-	-	-	-	\$25,000
Arizona Highway User Revenue		25,000	-	-	-	-	\$25,000
Funding total		\$25,000	-	-	-	-	\$25,000
ST87600101	BIKE LANE: MARYLAND AVENUE						
Construct bike lane on Maryland Avenue from 43rd Avenue to 22nd Street.							
							District: 8
Construction		296,000	-	-	-	-	\$296,000
Project total		\$296,000	-	-	-	-	\$296,000
Arizona Highway User Revenue		296,000	-	-	-	-	\$296,000
Funding total		\$296,000	-	-	-	-	\$296,000
ST87600102	BIKE LANE: 12TH STREET						
Construct bike lane on 12th Street from Cave Creek Road to Washington Street.							
							District: 3, 4, 6 & 8
Construction		194,000	-	-	-	-	\$194,000
Project total		\$194,000	-	-	-	-	\$194,000
Arizona Highway User Revenue		194,000	-	-	-	-	\$194,000
Funding total		\$194,000	-	-	-	-	\$194,000
ST87600103	BIKE LANE: JEFFERSON STREET						
Construct bike lane on Jefferson Street from 27th Avenue to 7th Avenue.							
							District: 7
Construction		25,000	-	-	-	-	\$25,000
Project total		\$25,000	-	-	-	-	\$25,000
Arizona Highway User Revenue		25,000	-	-	-	-	\$25,000
Funding total		\$25,000	-	-	-	-	\$25,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600104	BIKE LANES: WASHINGTON STREET AND ADAMS STREET						
	Construct bike lanes on Washington and Adams Streets from 19th Avenue to 27th Avenue.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 7
	Construction	50,000	-	-	-	-	\$50,000
	Project total	\$50,000	-	-	-	-	\$50,000
	Arizona Highway User Revenue	50,000	-	-	-	-	\$50,000
	Funding total	\$50,000	-	-	-	-	\$50,000
ST87600105	MISSOURI AVENUE BIKE LANE STRIPING AND CONSTRUCTION						
	Construct bike lane on Missouri Avenue from 7th Avenue to 7th Street.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 4 & 6
	Construction	150,000	-	-	-	-	\$150,000
	Project total	\$150,000	-	-	-	-	\$150,000
	Arizona Highway User Revenue	150,000	-	-	-	-	\$150,000
	Funding total	\$150,000	-	-	-	-	\$150,000
ST87600106	BIKE LANE: 40TH STREET						
	Construct bike lane on 40th Street from Shea Boulevard to Union Hills Road.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 2 & 3
	Construction	49,000	-	-	-	-	\$49,000
	Project total	\$49,000	-	-	-	-	\$49,000
	Arizona Highway User Revenue	49,000	-	-	-	-	\$49,000
	Funding total	\$49,000	-	-	-	-	\$49,000
ST87600107	BIKE LANE: SWEET WATER AVENUE						
	Construct bike lane on Sweetwater Avenue from 20th Street to Scottsdale Road.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: 2 & 3
	Construction	50,000	-	-	-	-	\$50,000
	Project total	\$50,000	-	-	-	-	\$50,000
	Arizona Highway User Revenue	50,000	-	-	-	-	\$50,000
	Funding total	\$50,000	-	-	-	-	\$50,000
ST87600108	BIKE LANE ANALYSIS						
	Perform bike lane traffic counts.						
							Function: Bikeways and Pedestrian Walkways
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	22,000	-	-	-	-	\$22,000
	Project total	\$22,000	-	-	-	-	\$22,000
	Arizona Highway User Revenue	22,000	-	-	-	-	\$22,000
	Funding total	\$22,000	-	-	-	-	\$22,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600109	BIKE LANE STUDY: RIO SALADO - AIRPORT BIKE ROUTE AT 44TH STREET BRIDGE						
	Preliminary study to evaluate bike lane options including a feasibility report and a 15% pre-design of the preferred option.						
							District: 8
	Construction	55,000	-	-	-	-	\$55,000
	Design	30,000	-	-	-	-	\$30,000
	Project total	\$85,000	-	-	-	-	\$85,000
	Capital Construction	85,000	-	-	-	-	\$85,000
	Funding total	\$85,000	-	-	-	-	\$85,000
ST87600111	BIKE LANE: 15TH AVENUE						
	Construct or modify bike lanes on 15th Avenue from Dunlap Avenue to Jefferson Street.						
							District: 3, 4, 6 & 8
	Construction	25,000	-	-	-	-	\$25,000
	Project total	\$25,000	-	-	-	-	\$25,000
	Arizona Highway User Revenue	25,000	-	-	-	-	\$25,000
	Funding total	\$25,000	-	-	-	-	\$25,000
ST87600112	TRAFFIC SIGNAL MODIFICATIONS: 15TH AVENUE/VAN BUREN BIKE LANE PROJECT						
	Construct traffic signal modifications at 15th Avenue and Van Buren Street for new bike lanes.						
							District: 3, 4, 6 & 8
	Construction	40,000	-	-	-	-	\$40,000
	Project total	\$40,000	-	-	-	-	\$40,000
	Arizona Highway User Revenue	40,000	-	-	-	-	\$40,000
	Funding total	\$40,000	-	-	-	-	\$40,000
ST87600113	T2050 PEDESTRIAN AND BICYCLE PROJECTS						
	Build infrastructure improvements to improve mobility and accessibility for pedestrians and bicycle users.						
							District: Citywide
	Construction	4,230,000	4,440,000	4,650,000	4,890,000	5,130,000	\$23,340,000
	Project total	\$4,230,000	\$4,440,000	\$4,650,000	\$4,890,000	\$5,130,000	\$23,340,000
	Transportation 2050	4,230,000	4,440,000	4,650,000	4,890,000	5,130,000	\$23,340,000
	Funding total	\$4,230,000	\$4,440,000	\$4,650,000	\$4,890,000	\$5,130,000	\$23,340,000

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87600114	GRAND CANAL PHASE II (TIGER)						
	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.						
							District: 4, 6 & 8
	Construction	-	15,768,000	50,000	-	-	\$15,818,000
	Land Acquisition	1,000,000	-	-	-	-	\$1,000,000
	Project total	\$1,000,000	\$15,768,000	\$50,000	-	-	\$16,818,000
	Capital Construction	1,000,000	1,712,000	50,000	-	-	\$2,762,000
	Federal, State and Other Participation	-	14,056,000	-	-	-	\$14,056,000
	Funding total	\$1,000,000	\$15,768,000	\$50,000	-	-	\$16,818,000
ST87600115	BIKESHARE EXPANSION 2016						
	Procure bicycles, kiosks, racks and smart bike technology for expansion of the Regional Bike Share Program.						
							District: 4, 7 & 8
	Construction	825,000	-	-	-	-	\$825,000
	Project total	\$825,000	-	-	-	-	\$825,000
	Arizona Highway User Revenue	47,025	-	-	-	-	\$47,025
	Federal, State and Other Participation	777,975	-	-	-	-	\$777,975
	Funding total	\$825,000	-	-	-	-	\$825,000
ST87750000	NEIGHBORHOOD SIDEWALKS						
	Construct sidewalks on improved neighborhood streets as needs are determined.						
							District: Citywide
	Construction	504,900	115,000	115,000	115,000	115,000	\$964,900
	Project total	\$504,900	\$115,000	\$115,000	\$115,000	\$115,000	\$964,900
	Capital Construction	504,900	115,000	115,000	115,000	115,000	\$964,900
	Funding total	\$504,900	\$115,000	\$115,000	\$115,000	\$115,000	\$964,900
ST87750135	17TH AVENUE: ROESER ROAD TO BROADWAY ROAD						
	Design and construct sidewalk improvements on 17th Avenue from Roeser Road to Broadway Road.						
							District: 7
	Construction	305,032	-	-	-	-	\$305,032
	Project total	\$305,032	-	-	-	-	\$305,032
	Arizona Highway User Revenue	5,000	-	-	-	-	\$5,000
	Federal, State and Other Participation	300,032	-	-	-	-	\$300,032
	Funding total	\$305,032	-	-	-	-	\$305,032

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST87750140	1ST STREET: ROOSEVELT STREET TO MORELAND STREET (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
							Function: Street Modernization
	Design and construct sidewalk improvements on 1st Street from Roosevelt Street to Moreland Street.						Strategic Plan: Infrastructure
							District: 7
	Construction	2,469,300	-	-	-	-	\$2,469,300
	Design	95,000	-	-	-	-	\$95,000
	Project total	\$2,564,300	-	-	-	-	\$2,564,300
	Arizona Highway User Revenue	555,428	-	-	-	-	\$555,428
	Federal, State and Other Participation	2,008,872	-	-	-	-	\$2,008,872
	Funding total	\$2,564,300	-	-	-	-	\$2,564,300
ST87750141	MCDOWELL ROAD TO PALM LANE: 37TH AVENUE TO 35TH AVENUE						
							Function: Street Modernization
	Design, acquire right-of-way and construct sidewalk improvements on McDowell Road to Palm Lane from 37th Avenue to 35th Avenue.						Strategic Plan: Infrastructure
							District: 4
	Construction	622,481	-	-	-	-	\$622,481
	Design	35,000	-	-	-	-	\$35,000
	Land Acquisition	12,500	-	-	-	-	\$12,500
	Project total	\$669,981	-	-	-	-	\$669,981
	Arizona Highway User Revenue	94,534	-	-	-	-	\$94,534
	Federal, State and Other Participation	575,447	-	-	-	-	\$575,447
	Funding total	\$669,981	-	-	-	-	\$669,981
ST89320000	TRAFFIC CALMING INFRASTRUCTURE						
	Construct traffic calming infrastructure.						Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	319,000	319,000	319,000	319,000	619,000	\$1,895,000
	Project total	\$319,000	\$319,000	\$319,000	\$319,000	\$619,000	\$1,895,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	300,000	\$300,000
	Capital Construction	319,000	319,000	319,000	319,000	319,000	\$1,595,000
	Funding total	\$319,000	\$319,000	\$319,000	\$319,000	\$619,000	\$1,895,000
ST89320023	SCHOOL SAFETY STORAGE AND SIDEWALKS						
	Construct sidewalk and storage improvements to enhance school safety.						Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	55,000	55,000	55,000	55,000	55,000	\$275,000
	Project total	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$275,000
	Capital Construction	55,000	55,000	55,000	55,000	55,000	\$275,000
	Funding total	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$275,000

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Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89320075	COLLECTOR STREET MITIGATION PROGRAM						
	Construct traffic calming infrastructure.						
	Estimated full-year ongoing operating costs:	\$140,000					
	Construction	-	-	-	-	1,655,841	\$1,655,841
	Project total	-	-	-	-	\$1,655,841	\$1,655,841
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	1,655,841	\$1,655,841
	Funding total	-	-	-	-	\$1,655,841	\$1,655,841
ST89320085	SPEED BOARD FEEDBACK						
	Install temporary speed boards or conduct studies for traffic calming projects.						
	Construction	-	-	-	-	23,540	\$23,540
	Design	23,540	23,540	23,540	23,540	-	\$94,160
	Project total	\$23,540	\$23,540	\$23,540	\$23,540	\$23,540	\$117,700
	Capital Construction	23,540	23,540	23,540	23,540	23,540	\$117,700
	Funding total	\$23,540	\$23,540	\$23,540	\$23,540	\$23,540	\$117,700
ST89320104	TRAFFIC CIRCLES/ROUNDBABOUTS MAINTENANCE						
	Maintain traffic circles and roundabouts.						
	Construction	29,425	29,425	29,425	29,425	29,425	\$147,125
	Project total	\$29,425	\$29,425	\$29,425	\$29,425	\$29,425	\$147,125
	Capital Construction	29,425	29,425	29,425	29,425	29,425	\$147,125
	Funding total	\$29,425	\$29,425	\$29,425	\$29,425	\$29,425	\$147,125
ST89320107	SPEED HUMP PROGRAM						
	Supplement the annual speed hump program.						
	Construction	-	-	-	-	256,526	\$256,526
	Project total	-	-	-	-	\$256,526	\$256,526
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	256,526	\$256,526
	Funding total	-	-	-	-	\$256,526	\$256,526
ST89320117	GRAND CANAL 2-STAGE CROSSWALKS						
	Construct four 2-stage crosswalks along the Grand Canal.						
	Construction	-	-	-	-	50,000	\$50,000
	Project total	-	-	-	-	\$50,000	\$50,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	50,000	\$50,000
	Funding total	-	-	-	-	\$50,000	\$50,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89320135	MISCELLANEOUS SAFETY PROJECTS						
Construct miscellaneous safety projects.							
							Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: Citywide
Construction		106,750	-	-	-	-	\$106,750
Project total		\$106,750	-	-	-	-	\$106,750
Arizona Highway User Revenue		72,500	-	-	-	-	\$72,500
Capital Construction		34,250	-	-	-	-	\$34,250
Funding total		\$106,750	-	-	-	-	\$106,750
ST89320139	INTERSECTION IMPROVEMENT: THOMAS ROAD AT 67TH AVENUE						
Design and construct intersection improvements.							
							Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: 7
Construction		-	515,000	-	-	-	\$515,000
Project total		-	\$515,000	-	-	-	\$515,000
Federal, State and Other Participation		-	515,000	-	-	-	\$515,000
Funding total		-	\$515,000	-	-	-	\$515,000
ST89320142	TRAFFIC CIRCLE: 15TH AVENUE AT ROSE LANE						
Construct a traffic circle at the intersection 15th Avenue and Rose Lane.							
							Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: 5
Construction		350,000	-	-	-	-	\$350,000
Project total		\$350,000	-	-	-	-	\$350,000
Arizona Highway User Revenue		350,000	-	-	-	-	\$350,000
Funding total		\$350,000	-	-	-	-	\$350,000
ST89320143	SIGN AND STRIPING 32ND STREET: SR51-SHEA BOULEVARD						
Repurpose 32nd Street between Shea Boulevard and SR51.							
							Function: Traffic Calming Improvements
							Strategic Plan: Infrastructure
							District: 3
Construction		219,000	-	-	-	-	\$219,000
Project total		\$219,000	-	-	-	-	\$219,000
Arizona Highway User Revenue		219,000	-	-	-	-	\$219,000
Funding total		\$219,000	-	-	-	-	\$219,000
ST89330001	ADOT FREEWAY TRAFFIC SIGNALS						
Install traffic signals as requested by the Arizona Department of Transportation.							
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: Citywide
Construction		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Project total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Federal, State and Other Participation		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Funding total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89330002	JUSTIFIED SIGNALS						
	Purchase and install new traffic signals at intersections as determined.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	118,500	202,500	202,500	202,500	202,500	\$928,500
	Project total	\$118,500	\$202,500	\$202,500	\$202,500	\$202,500	\$928,500
	Arizona Highway User Revenue	118,500	202,500	202,500	202,500	202,500	\$928,500
	Funding total	\$118,500	\$202,500	\$202,500	\$202,500	\$202,500	\$928,500
ST89330003	MULTI-JURISDICTIONAL SIGNALS						
	Install traffic signals at intersections under multiple jurisdictions as determined.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	107,000	107,000	107,000	107,000	107,000	\$535,000
	Project total	\$107,000	\$107,000	\$107,000	\$107,000	\$107,000	\$535,000
	Arizona Highway User Revenue	53,500	53,500	53,500	53,500	53,500	\$267,500
	Federal, State and Other Participation	53,500	53,500	53,500	53,500	53,500	\$267,500
	Funding total	\$107,000	\$107,000	\$107,000	\$107,000	\$107,000	\$535,000
ST89330159	HAWK SIGNAL: DESERT FOOTHILLS PARKWAY AT THISTLE LANDING DRIVE AND CENTRAL AVENUE AT OLYMPIC DRIVE						
	Install high-intensity activated crosswalk beacon signals at Desert Foothills Parkway at Thistle Landing Drive and Central Avenue at Olympic Drive.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: 6 & 8
	Construction	444,778	-	-	-	-	\$444,778
	Design	100,000	-	-	-	-	\$100,000
	Project total	\$544,778	-	-	-	-	\$544,778
	Arizona Highway User Revenue	165,000	-	-	-	-	\$165,000
	Federal, State and Other Participation	379,778	-	-	-	-	\$379,778
	Funding total	\$544,778	-	-	-	-	\$544,778
ST89330173	HAWK SIGNAL: 19TH AVENUE SOUTH OF GREENWAY ROAD						
	Install high-intensity activated crosswalk beacon signal at the bike/pedestrian path crossing on 19th Avenue south of Greenway Road.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: 3
	Construction	84,000	-	-	-	-	\$84,000
	Project total	\$84,000	-	-	-	-	\$84,000
	Arizona Highway User Revenue	84,000	-	-	-	-	\$84,000
	Funding total	\$84,000	-	-	-	-	\$84,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89340003	DEVELOPER SIGNALS						
Install traffic signals using developer contributions.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		150,000	150,000	150,000	150,000	150,000	\$750,000
Project total		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Federal, State and Other Participation		150,000	150,000	150,000	150,000	150,000	\$750,000
Funding total		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
ST89340004	SIGNAL SYSTEM ENHANCEMENTS						
Upgrade traffic signals as determined.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		243,150	243,150	243,150	243,150	243,150	\$1,215,750
Project total		\$243,150	\$243,150	\$243,150	\$243,150	\$243,150	\$1,215,750
Arizona Highway User Revenue		243,150	243,150	243,150	243,150	243,150	\$1,215,750
Funding total		\$243,150	\$243,150	\$243,150	\$243,150	\$243,150	\$1,215,750
ST89340005	LEFT TURN ARROWS						
Install left turn arrows as determined.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		77,850	77,850	77,850	77,850	77,850	\$389,250
Project total		\$77,850	\$77,850	\$77,850	\$77,850	\$77,850	\$389,250
Arizona Highway User Revenue		77,850	77,850	77,850	77,850	77,850	\$389,250
Funding total		\$77,850	\$77,850	\$77,850	\$77,850	\$77,850	\$389,250
ST89340031	PREEMPTION WORK FOR RAILROADS						
Test and maintain preemption equipment at railroad crossings.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 7 & 8					
Construction		14,000	7,000	7,000	7,000	7,000	\$42,000
Project total		\$14,000	\$7,000	\$7,000	\$7,000	\$7,000	\$42,000
Arizona Highway User Revenue		14,000	7,000	7,000	7,000	7,000	\$42,000
Funding total		\$14,000	\$7,000	\$7,000	\$7,000	\$7,000	\$42,000
ST89340072	TRAFFIC SIGNAL POLES PAINTING PROGRAM						
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
Project total		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Arizona Highway User Revenue		25,000	25,000	25,000	25,000	25,000	\$125,000
Funding total		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89340332	REMOVAL OF PAVEMENT MARKINGS						
	Remove pavement markings to accommodate changes in lane configurations.						
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure
							District: Citywide
	Construction	70,000	50,000	50,000	50,000	50,000	\$270,000
	Project total	\$70,000	\$50,000	\$50,000	\$50,000	\$50,000	\$270,000
	Arizona Highway User Revenue	70,000	50,000	50,000	50,000	50,000	\$270,000
	Funding total	\$70,000	\$50,000	\$50,000	\$50,000	\$50,000	\$270,000
ST89340451	AMERICANS WITH DISABILITIES ACT (ADA) PEDESTRIAN PUSH-BUTTON MODERNIZATION PROGRAM						
	Install Americans with Disabilities Act (ADA) pedestrian push-buttons at crosswalks as part of modernization program.						
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure
							District: Citywide
	Construction	60,000	-	-	-	-	\$60,000
	Project total	\$60,000	-	-	-	-	\$60,000
	2006 Street and Storm Sewer Improvements Bonds	60,000	-	-	-	-	\$60,000
	Funding total	\$60,000	-	-	-	-	\$60,000
ST89340468	AMERICANS WITH DISABILITIES ACT (ADA) TRAFFIC SIGNAL ENHANCEMENTS						
	Replace pedestrian traffic signals with Americans With Disabilities Act (ADA) traffic signals as identified.						
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure
							District: Citywide
	Construction	200,000	100,000	100,000	100,000	100,000	\$600,000
	Project total	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
	Arizona Highway User Revenue	200,000	100,000	100,000	100,000	100,000	\$600,000
	Funding total	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
ST89340516	BELL ROAD ADAPTIVE TRAFFIC SIGNAL CONTROL						
	Installation of adaptive traffic control technology at fifty-two signalized intersections along Bell Road.						
							Function: Traffic Signal Improvements Strategic Plan: Infrastructure
							District: 1 & 3
	Construction	15,390	-	-	-	-	\$15,390
	Project total	\$15,390	-	-	-	-	\$15,390
	Arizona Highway User Revenue	15,390	-	-	-	-	\$15,390
	Funding total	\$15,390	-	-	-	-	\$15,390

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89340522	POWER PEDESTALS FOR SRP TRAFFIC SIGNALS						
	Design and install power service pedestals for metered service at existing unmetered traffic signals.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: 4 & 8
	Construction	830,000	-	-	-	-	\$830,000
	Project total	\$830,000	-	-	-	-	\$830,000
	Federal, State and Other Participation	830,000	-	-	-	-	\$830,000
	Funding total	\$830,000	-	-	-	-	\$830,000
ST89340532	T2050 TECHNOLOGY ENHANCEMENTS						
	Improve traffic congestion and control traffic operations within the City street network; install signals, signage, detection equipment, and traffic management and monitoring systems, as well as facilities supporting traffic operations.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	3,110,000	1,480,000	1,550,000	1,630,000	1,710,000	\$9,480,000
	Project total	\$3,110,000	\$1,480,000	\$1,550,000	\$1,630,000	\$1,710,000	\$9,480,000
	Transportation 2050	3,110,000	1,480,000	1,550,000	1,630,000	1,710,000	\$9,480,000
	Funding total	\$3,110,000	\$1,480,000	\$1,550,000	\$1,630,000	\$1,710,000	\$9,480,000
ST89340534	ILLUMINATED STREET NAME SIGNS						
	Replace approximately 600 fluorescent illuminated street name signs with street signs using a Light Emitting Diode (LED) internal lighting system.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: Citywide
	Construction	2,200,000	-	-	-	-	\$2,200,000
	Project total	\$2,200,000	-	-	-	-	\$2,200,000
	Capital Reserves	2,200,000	-	-	-	-	\$2,200,000
	Funding total	\$2,200,000	-	-	-	-	\$2,200,000
ST89340535	LEFT TURN ARROW: TATUM BOULEVARD AND ROSE GARDEN LANE						
	Install double left turn lanes for northbound and southbound left turn on Tatum Boulevard at Rose Garden Lane.						
							Function: Traffic Signal Improvements
							Strategic Plan: Infrastructure
							District: 2
	Construction	39,500	-	-	-	-	\$39,500
	Design	500	-	-	-	-	\$500
	Project total	\$40,000	-	-	-	-	\$40,000
	Arizona Highway User Revenue	40,000	-	-	-	-	\$40,000
	Funding total	\$40,000	-	-	-	-	\$40,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89340541	RECTANGULAR RAPID FLASH BEACON: MCDOWELL ROAD AT 41ST AVENUE						
	Install Rectangular Rapid Flash Beacon (RRFB) system for crossing McDowell Road on west side of 41st Avenue.						
							District: 4
	Function: Traffic Signal Improvements						
	Strategic Plan: Infrastructure						
Construction		70,000	-	-	-	-	\$70,000
Project total		\$70,000	-	-	-	-	\$70,000
Arizona Highway User Revenue		70,000	-	-	-	-	\$70,000
Funding total		\$70,000	-	-	-	-	\$70,000
ST89360001	SIGNAL SYSTEM UPGRADE						
	Upgrade the citywide traffic signal system.						
							District: Citywide
	Function: Traffic Signal Improvements						
	Strategic Plan: Infrastructure						
Construction		-	-	-	-	579,000	\$579,000
Equipment		679,000	579,000	579,000	579,000	-	\$2,416,000
Project total		\$679,000	\$579,000	\$579,000	\$579,000	\$579,000	\$2,995,000
Arizona Highway User Revenue		679,000	579,000	579,000	579,000	579,000	\$2,995,000
Funding total		\$679,000	\$579,000	\$579,000	\$579,000	\$579,000	\$2,995,000
ST89360004	PHOENIX REGIONAL INTELLIGENT TRANSPORTATION SYSTEM (ITS) PHASE II						
	Construct Phase II of the Intelligent Transportation System (ITS) fiber optic backbone.						
							District: Citywide
	Function: Traffic Signal Improvements						
	Strategic Plan: Infrastructure						
Construction		-	-	-	-	1,000,000	\$1,000,000
Project total		-	-	-	-	\$1,000,000	\$1,000,000
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	1,000,000	\$1,000,000
Funding total		-	-	-	-	\$1,000,000	\$1,000,000
ST89360008	TRAFFIC MANAGEMENT CENTER (TMC) NETWORK SUPPORT						
	Expand augment design and integrate system for the growth of the Intelligent Transportation System (ITS) Fiber Optic Backbone Program.						
							District: Citywide
	Function: Traffic Signal Improvements						
	Strategic Plan: Infrastructure						
Construction		76,000	76,000	76,000	76,000	76,000	\$380,000
Project total		\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$380,000
Arizona Highway User Revenue		76,000	76,000	76,000	76,000	76,000	\$380,000
Funding total		\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$380,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89360015	VIDEO DETECTION AT FREEWAY INTERCHANGES						
							Function: Traffic Signal Improvements
	Design and install video detection systems at various freeway interchanges.						Strategic Plan: Infrastructure District: 1, 2, 3, 4 & 6
Construction		-	-	-	-	400,000	\$400,000
Project total		-	-	-	-	\$400,000	\$400,000
1988 Freeway Mitigation Bonds		-	-	-	-	154,000	\$154,000
2001 Street Improvement Bonds		-	-	-	-	246,000	\$246,000
Funding total		-	-	-	-	\$400,000	\$400,000
ST89360020	INTELLIGENT TRAFFIC SYSTEM (ITS) PROJECT MANAGEMENT						
							Function: Traffic Signal Improvements
	Provide for matching grant funds for Intelligent Traffic System projects.						Strategic Plan: Infrastructure District: Citywide
Construction		50,000	50,000	50,000	50,000	50,000	\$250,000
Project total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Arizona Highway User Revenue		50,000	50,000	50,000	50,000	50,000	\$250,000
Funding total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
ST89360024	DYNAMIC MESSAGE SIGN DEPLOYMENT ALONG 7TH AVENUE AND 7TH STREET						
							Function: Traffic Signal Improvements
	Install dynamic message signs along 7th Avenue and 7th Street.						Strategic Plan: Infrastructure District: 3, 4 & 6
Construction		876,552	-	-	-	-	\$876,552
Project total		\$876,552	-	-	-	-	\$876,552
Arizona Highway User Revenue		41,741	-	-	-	-	\$41,741
Federal, State and Other Participation		834,811	-	-	-	-	\$834,811
Funding total		\$876,552	-	-	-	-	\$876,552
ST89360025	CLOSED CIRCUIT CAMERAS						
							Function: Traffic Signal Improvements
	Install closed circuit video cameras on traffic signals.						Strategic Plan: Infrastructure District: 1, 3, 4, 5, 6 & 7
Construction		775,391	-	-	-	-	\$775,391
Land Acquisition		9,000	-	-	-	-	\$9,000
Project total		\$784,391	-	-	-	-	\$784,391
Arizona Highway User Revenue		53,500	-	-	-	-	\$53,500
Federal, State and Other Participation		730,891	-	-	-	-	\$730,891
Funding total		\$784,391	-	-	-	-	\$784,391

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
ST89360026	ITS FIBER OPTIC EXPANSION PHASE B - SONORAN RING						
Expand the City of Phoenix ITS Fiber Optic system for traffic signal communications in the north valley.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 1 & 2					
Construction		954,700	-	-	-	-	\$954,700
Project total		\$954,700	-	-	-	-	\$954,700
Arizona Highway User Revenue		200,000	-	-	-	-	\$200,000
Federal, State and Other Participation		754,700	-	-	-	-	\$754,700
Funding total		\$954,700	-	-	-	-	\$954,700
ST89360027	CAMELBACK ROAD SIGNAL SYSTEM STUDY						
Conduct a study for Camelback Road signal timings near the Grand Canyon University Campus.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 4 & 5					
Construction		60,000	-	-	-	-	\$60,000
Project total		\$60,000	-	-	-	-	\$60,000
Federal, State and Other Participation		60,000	-	-	-	-	\$60,000
Funding total		\$60,000	-	-	-	-	\$60,000
ST89360028	DOWNTOWN TRAFFIC MANAGEMENT SYSTEM						
Conduct scoping and pre-design work for a downtown Traffic Management System upgrade.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: 7 & 8					
Construction		664,507	-	-	-	-	\$664,507
Project total		\$664,507	-	-	-	-	\$664,507
Arizona Highway User Revenue		98,000	-	-	-	-	\$98,000
Federal, State and Other Participation		566,507	-	-	-	-	\$566,507
Funding total		\$664,507	-	-	-	-	\$664,507
ST89370001	TRAFFIC COUNT STATIONS						
Construct new traffic count stations.							
		Function: Traffic Signal Improvements					
		Strategic Plan: Infrastructure					
		District: Citywide					
Construction		65,000	65,000	65,000	65,000	65,000	\$325,000
Project total		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
Arizona Highway User Revenue		65,000	65,000	65,000	65,000	65,000	\$325,000
Funding total		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR39000002	SR 51 FREEWAY ARTWORK REFURBISHMENT PERCENT FOR ART						
Refurbish existing art elements along SR 51 Freeway from McDowell Road to Northern Avenue.		Function: Percent for Art					
		Strategic Plan: Neighborhoods and Livability					
		District: 4, 6 & 8					
Construction		-	-	-	-	178,565	\$178,565
Project total		-	-	-	-	\$178,565	\$178,565
1988 Freeway Mitigation Bonds		-	-	-	-	121,161	\$121,161
2001 Street Improvement Bonds		-	-	-	-	57,404	\$57,404
Funding total		-	-	-	-	\$178,565	\$178,565
AR63000013	ARTERIAL CANAL CROSSING PERCENT FOR ART						
Construct integrated artwork into the canal trail crossings at major street crossings.		Function: Percent for Art					
		Strategic Plan: Neighborhoods and Livability					
		District: 4 & 8					
Construction		488,900	-	-	-	-	\$488,900
Project total		\$488,900	-	-	-	-	\$488,900
Arizona Highway User Revenue		176,440	-	-	-	-	\$176,440
Nonprofit Corporation Bonds - Water		62,460	-	-	-	-	\$62,460
Water		250,000	-	-	-	-	\$250,000
Funding total		\$488,900	-	-	-	-	\$488,900
AR63000014	LIGHT RAIL CORRIDOR PERCENT FOR ART						
Develop artwork along the 19th Avenue Light Rail corridor.		Function: Percent for Art					
		Strategic Plan: Neighborhoods and Livability					
		District: 5					
Construction		236,481	-	-	-	-	\$236,481
Project total		\$236,481	-	-	-	-	\$236,481
Arizona Highway User Revenue		24,070	-	-	-	-	\$24,070
Nonprofit Corporation Bonds - Wastewater		212,411	-	-	-	-	\$212,411
Funding total		\$236,481	-	-	-	-	\$236,481
AR63000020	16TH STREET AND BETHANY HOME ROAD STREETSCAPE PERCENT FOR ART						
Design and construct artwork as Neighborhood Services Department area enhancements.		Function: Percent for Art					
		Strategic Plan: Neighborhoods and Livability					
		District: 6					
Construction		41,125	-	-	-	-	\$41,125
Project total		\$41,125	-	-	-	-	\$41,125
2006 Affordable Housing and Neighborhoods Bonds		10,870	-	-	-	-	\$10,870
Arizona Highway User Revenue		30,255	-	-	-	-	\$30,255
Funding total		\$41,125	-	-	-	-	\$41,125

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Street Transportation and Drainage

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR63000023	BUCKEYE ROAD STREETScape PERCENT FOR ART						
	Develop streetscape enhancements along Buckeye Road from Phoenix Sky Harbor International Airport to Central Avenue.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		69,320	-	-	-	22,503	\$91,823
Project total		\$69,320	-	-	-	\$22,503	\$91,823
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	22,503	\$22,503
Arizona Highway User Revenue		69,320	-	-	-	-	\$69,320
Funding total		\$69,320	-	-	-	\$22,503	\$91,823
AR63000025	7TH AVENUE AT MELROSE CURVE PERCENT FOR ART						
	Procure and exhibit artwork at three canopied shelters located at 7th Avenue and Glenrosa Avenue.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 4
Other		25,020	25,000	-	-	-	\$50,020
Project total		\$25,020	\$25,000	-	-	-	\$50,020
Nonprofit Corporation Bonds - Solid Waste		25,020	25,000	-	-	-	\$50,020
Funding total		\$25,020	\$25,000	-	-	-	\$50,020
AR63000027	STREET VIEWS PERCENT FOR ART						
	Develop a program of rotating 3-D artwork to display in vacant spaces citywide.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Other		-	-	-	-	34,557	\$34,557
Project total		-	-	-	-	\$34,557	\$34,557
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	34,557	\$34,557
Funding total		-	-	-	-	\$34,557	\$34,557
AR63000030	NORTH 32ND STREET IMPROVEMENTS PERCENT FOR ART						
	Commission an artist to design integrated artwork located at 32nd Street near Shea Boulevard.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 3
Construction		151,530	-	-	-	-	\$151,530
Project total		\$151,530	-	-	-	-	\$151,530
2006 Street and Storm Sewer Improvements Bonds		44,401	-	-	-	-	\$44,401
Arizona Highway User Revenue		107,129	-	-	-	-	\$107,129
Funding total		\$151,530	-	-	-	-	\$151,530

Street Transportation and Drainage

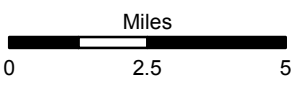
Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR63000031	107TH AVENUE STREETScape PERCENT FOR ART						
	Commission an artist to design integrated artwork located along 107th Avenue between Indian School Road and Camelback Road.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 5
	Construction	420,547	-	-	-	-	\$420,547
	Project total	\$420,547	-	-	-	-	\$420,547
	Arizona Highway User Revenue	420,547	-	-	-	-	\$420,547
	Funding total	\$420,547	-	-	-	-	\$420,547
AR63850017	SOUTH MOUNTAIN LOOP 202 PEDESTRIAN BRIDGE AT ELWOOD STREET						
	Design and construct artwork for the new Loop 202 Freeway pedestrian bridge along the Elwood Street alignment between 59th Avenue and 64th Lane.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7
	Construction	333,646	-	-	-	-	\$333,646
	Project total	\$333,646	-	-	-	-	\$333,646
	Arizona Highway User Revenue	333,646	-	-	-	-	\$333,646
	Funding total	\$333,646	-	-	-	-	\$333,646



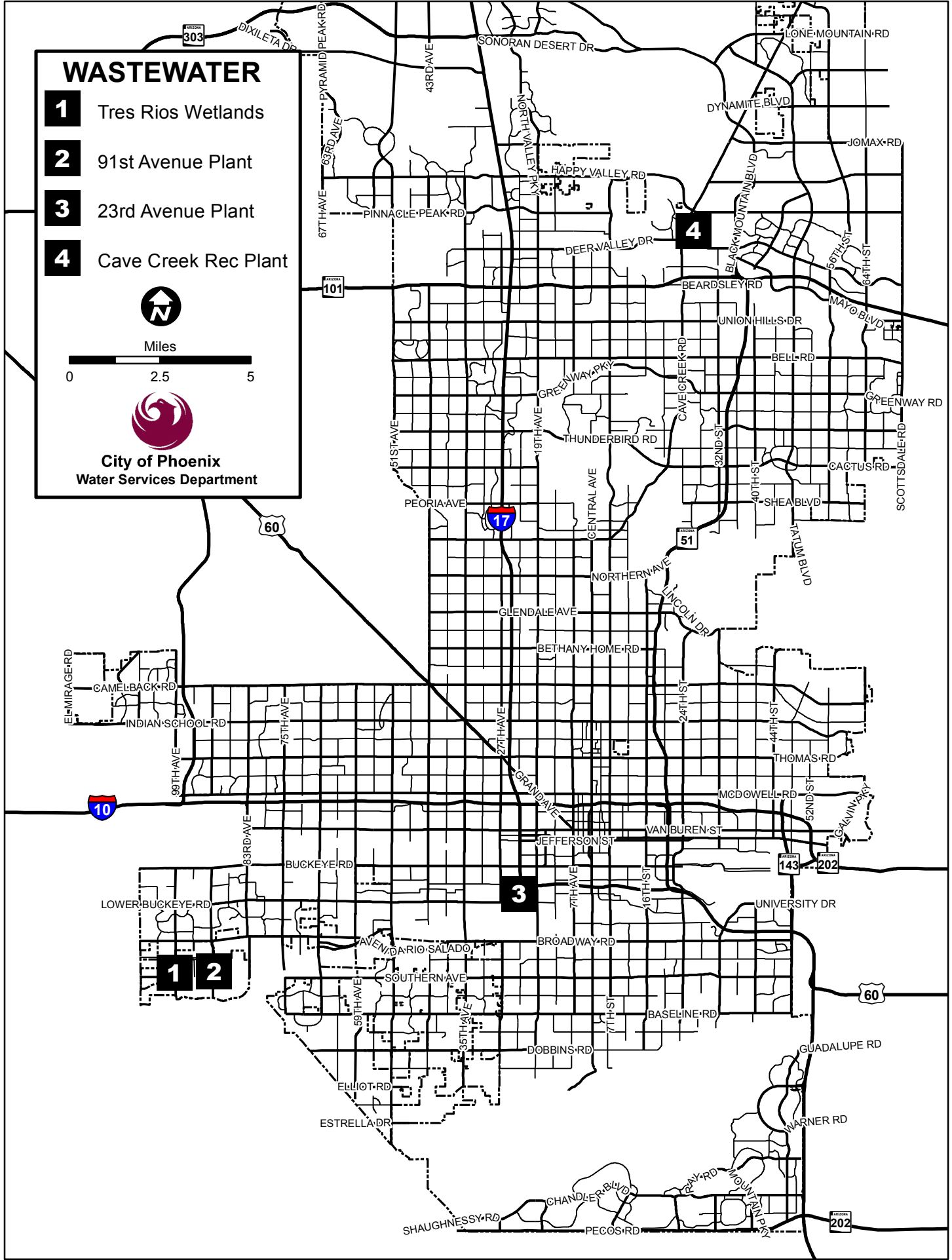
City of Phoenix

WASTEWATER

- 1** Tres Rios Wetlands
- 2** 91st Avenue Plant
- 3** 23rd Avenue Plant
- 4** Cave Creek Rec Plant



City of Phoenix
Water Services Department



Wastewater

The Wastewater program totals \$514.6 million and is funded with Wastewater revenue, development impact fees, Wastewater nonprofit corporation bonds, 2006 General Obligation Bond funds, Arizona Highway User Revenues, and other cities' share in joint ventures funds.

Major Wastewater projects include:

- Implement improvements at wastewater treatment plants
- Design and construct SROG Interceptor Capacity improvements
- Expand, improve and replace sewer lift stations
- Assess, rehabilitate, relocate and/or construct sewers of various sizes and materials throughout the city
- Improve technology including automatic meter reading and asset management system implementation
- Conduct various wastewater management studies, energy management services, provide for staff charges and consultant fees and project contingency funding
- Improve various odor control facilities throughout the city including the Salt River Outfall and Southern Avenue Interceptor
- Construct growth-related wastewater infrastructure in impact fee areas
- Restore operation of the Cave Creek water reclamation plant.
- Relocate sewer lines for light rail northwest extension.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Use of Funds						
<u>Functional Area</u>						
23rd Avenue WWTP	4,191,800	3,110,000	3,810,000	6,140,000	4,250,000	\$21,501,800
91st Avenue WWTP	21,924,176	12,603,375	12,430,875	10,949,375	8,181,000	\$66,088,801
91st Avenue WWTP Studies	1,107,000	-	-	1,250,000	-	\$2,357,000
Automation	2,286,611	-	-	-	-	\$2,286,611
Buildings	709,975	595,000	645,000	664,500	704,500	\$3,318,975
Cave Creek Reclamation Plant	605,000	1,520,000	3,930,000	940,000	835,000	\$7,830,000
Lift Stations	19,905,606	8,923,000	2,325,000	3,425,000	2,975,000	\$37,553,606
Multi-City Sewer Lines	17,604,999	27,436,000	20,370,000	69,865,000	1,717,000	\$136,992,999
Percent for Art	1,651,192	-	-	-	46,000	\$1,697,192
Phoenix Sewers	79,397,874	50,154,000	42,009,000	22,410,825	39,665,914	\$233,637,613
Tres Rios	1,330,800	-	-	-	-	\$1,330,800
Total	\$150,715,033	\$104,341,375	\$85,519,875	\$115,644,700	\$58,374,414	\$514,595,397
Source of Funds						
<u>Operating Funds</u>						
Arizona Highway User Revenue	60,397	-	-	-	-	\$60,397
Wastewater	66,851,253	42,511,797	58,239,581	37,002,019	48,726,787	\$253,331,437
Total Operating Funds	\$66,911,650	\$42,511,797	\$58,239,581	\$37,002,019	\$48,726,787	\$253,391,834
<u>Bond Funds</u>						
2006 General Obligation Bonds	-	-	-	-	46,000	\$46,000
Nonprofit Corporation Bonds - Wastewater	32,821,751	41,575,700	13,253,250	45,082,250	3,674,050	\$136,407,001
Total Bond Funds	\$32,821,751	\$41,575,700	\$13,253,250	\$45,082,250	\$3,720,050	\$136,453,001
<u>Other Capital Funds</u>						
Impact Fees	30,925,914	2,670,000	290,000	4,436,825	1,665,000	\$39,987,739
Other Cities' Share in Joint Ventures	20,055,718	17,583,878	13,737,044	29,123,606	4,262,577	\$84,762,823
Total Other Capital Funds	\$50,981,632	\$20,253,878	\$14,027,044	\$33,560,431	\$5,927,577	\$124,750,562
Program Total	\$150,715,033	\$104,341,375	\$85,519,875	\$115,644,700	\$58,374,414	\$514,595,397

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90100093	91ST AVENUE WASTEWATER TREATMENT PLANT PIPE AND EQUIPMENT COATING						
	Apply protective coatings to plant process equipment, structural support members, piping, tanks, motors, mechanical and related equipment at 91st Avenue Wastewater Treatment Plant.						
							Function: 91st Avenue WWTP
							Strategic Plan: Infrastructure
							District: 7
	Construction	500,000	500,000	500,000	500,000	500,000	\$2,500,000
	Design	50,000	50,000	50,000	50,000	50,000	\$250,000
	Other	61,000	61,000	61,000	61,000	61,000	\$305,000
	Project total	\$611,000	\$611,000	\$611,000	\$611,000	\$611,000	\$3,055,000
	Other Cities' Share in Joint Ventures	273,972	273,972	273,972	273,972	273,972	\$1,369,860
	Wastewater	337,028	337,028	337,028	337,028	337,028	\$1,685,140
	Funding total	\$611,000	\$611,000	\$611,000	\$611,000	\$611,000	\$3,055,000
WS90100094	91ST AVENUE WASTEWATER TREATMENT PLANT SAFETY						
	Design and construct safety improvements at 91st Avenue Wastewater Treatment Plant.						
							Function: 91st Avenue WWTP
							Strategic Plan: Infrastructure
							District: 7
	Construction	200,000	-	-	-	-	\$200,000
	Design	27,500	-	-	-	-	\$27,500
	Other	60,000	-	-	-	-	\$60,000
	Project total	\$287,500	-	-	-	-	\$287,500
	Other Cities' Share in Joint Ventures	128,915	-	-	-	-	\$128,915
	Wastewater	158,585	-	-	-	-	\$158,585
	Funding total	\$287,500	-	-	-	-	\$287,500
WS90100095	91ST AVENUE WASTEWATER TREATMENT PLANT WORK ORDER AND ASSET MANAGEMENT SYSTEM						
	Install and configure software products at the 91st Avenue Wastewater Treatment Plant for management reporting and integration between various systems.						
							Function: 91st Avenue WWTP
							Strategic Plan: Technology
							District: 7
	Design	141,557	-	-	-	-	\$141,557
	Equipment	45,244	-	-	-	-	\$45,244
	Project total	\$186,801	-	-	-	-	\$186,801
	Other Cities' Share in Joint Ventures	83,761	-	-	-	-	\$83,761
	Wastewater	103,040	-	-	-	-	\$103,040
	Funding total	\$186,801	-	-	-	-	\$186,801

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90100097	SRP MOBILE SUBSTATION AND SPARE TRANSFORMERS						
Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7 Purchase mobile power station and spare transformers for 91st Avenue Wastewater Treatment Plant that can be mobilized during a failure at the main power substation.							
Construction		300,000	1,121,500	-	-	-	\$1,421,500
Other		23,500	16,000	-	-	-	\$39,500
Project total		\$323,500	\$1,137,500	-	-	-	\$1,461,000
Other Cities' Share in Joint Ventures		145,057	510,055	-	-	-	\$655,112
Wastewater		178,443	627,445	-	-	-	\$805,888
Funding total		\$323,500	\$1,137,500	-	-	-	\$1,461,000
WS90100098	91ST AVENUE WASTEWATER TREATMENT PLANT SOLAR DRYING BEDS IMPROVEMENTS AND EXPANSIONS						
Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7 Design and construct improvements to unlined sludge drying beds east of 83rd Avenue for solar drying operation to reduce transportation and disposal costs.							
Construction		4,500,000	-	-	-	-	\$4,500,000
Design		200,000	-	-	-	-	\$200,000
Other		53,500	25,000	-	-	-	\$78,500
Project total		\$4,753,500	\$25,000	-	-	-	\$4,778,500
Other Cities' Share in Joint Ventures		2,131,469	11,210	-	-	-	\$2,142,679
Wastewater		2,622,031	13,790	-	-	-	\$2,635,821
Funding total		\$4,753,500	\$25,000	-	-	-	\$4,778,500
WS90100099	91ST AVENUE WASTEWATER TREATMENT PLANT GROUNDWATER WELLS IMPROVEMENTS AND EXPANSION						
Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7 Design and construct improvements to the groundwater wells and pumps to lower groundwater levels to allow for dewatering of basins to perform maintenance at 91st Avenue Wastewater Treatment Plant.							
Construction		4,300,000	-	-	-	-	\$4,300,000
Other		99,500	-	-	-	-	\$99,500
Project total		\$4,399,500	-	-	-	-	\$4,399,500
Other Cities' Share in Joint Ventures		1,972,736	-	-	-	-	\$1,972,736
Wastewater		2,426,764	-	-	-	-	\$2,426,764
Funding total		\$4,399,500	-	-	-	-	\$4,399,500

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90100100	91ST AVENUE WASTEWATER TREATMENT PLANT SUPPORT FACILITIES REHABILITATION						
	Replace or rehabilitate assets and infrastructure not covered by the replacement fund at 91st Avenue Wastewater Treatment Plant.						
							Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7
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	Construction	500,000	500,000	500,000	500,000	-	\$2,000,000
	Other	17,375	17,375	17,375	17,375	-	\$69,500
	Project total	\$517,375	\$517,375	\$517,375	\$517,375	-	\$2,069,500
	Other Cities' Share in Joint Ventures	231,991	231,991	231,991	231,991	-	\$927,964
	Wastewater	285,384	285,384	285,384	285,384	-	\$1,141,536
	Funding total	\$517,375	\$517,375	\$517,375	\$517,375	-	\$2,069,500
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WS90100101	91ST AVENUE WASTEWATER TREATMENT PLANT PROCESS PIPING REHABILITATION						
	Perform process piping condition assessment throughout facility to identify critical needs for rehabilitation or replacement.						
							Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7
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	Construction	-	3,800,000	3,800,000	3,800,000	-	\$11,400,000
	Design	600,000	-	-	-	-	\$600,000
	Other	136,000	82,500	82,500	76,000	-	\$377,000
	Project total	\$736,000	\$3,882,500	\$3,882,500	\$3,876,000	-	\$12,377,000
	Other Cities' Share in Joint Ventures	330,022	1,740,913	1,740,913	1,737,998	-	\$5,549,846
	Wastewater	405,978	2,141,587	2,141,587	2,138,002	-	\$6,827,154
	Funding total	\$736,000	\$3,882,500	\$3,882,500	\$3,876,000	-	\$12,377,000
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WS90100103	91ST AVENUE WASTEWATER TREATMENT PLANT TOXICITY IDENTIFICATION AND REDUCTION EVALUATION						
	Evaluate toxicity and toxicity reduction for the 91st Avenue Wastewater Treatment Plant.						
							Function: 91st Avenue WWTP Strategic Plan: Infrastructure District: 7
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	Other	25,000	10,000	10,000	10,000	10,000	\$65,000
	Study	100,000	-	-	-	-	\$100,000
	Project total	\$125,000	\$10,000	\$10,000	\$10,000	\$10,000	\$165,000
	Other Cities' Share in Joint Ventures	56,050	4,484	4,484	4,484	4,484	\$73,986
	Wastewater	68,950	5,516	5,516	5,516	5,516	\$91,014
	Funding total	\$125,000	\$10,000	\$10,000	\$10,000	\$10,000	\$165,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90100104	91ST AVENUE WASTEWATER TREATMENT PLANT TWO PHASE DIGESTER STUDY						
	Convert the 91st Avenue Wastewater Treatment Plant to two phase digestion.						
							Function: 91st Avenue WWTP
							Strategic Plan: Infrastructure
							District: 7
	Construction	2,150,000	-	-	-	-	\$2,150,000
	Project total	\$2,150,000	-	-	-	-	\$2,150,000
	Other Cities' Share in Joint Ventures	964,060	-	-	-	-	\$964,060
	Wastewater	1,185,940	-	-	-	-	\$1,185,940
	Funding total	\$2,150,000	-	-	-	-	\$2,150,000
WS90100105	91ST AVENUE WASTEWATER TREATMENT PLANT PROCESS CONTROL OPTIMIZATION 2016						
	Increase efficiency of the existing process control systems at the 91st Ave Wastewater Treatment Plant 2016.						
							Function: 91st Avenue WWTP
							Strategic Plan: Technology
							District: 7
	Construction	1,425,000	-	-	-	-	\$1,425,000
	Other	60,000	-	-	-	-	\$60,000
	Project total	\$1,485,000	-	-	-	-	\$1,485,000
	Other Cities' Share in Joint Ventures	665,874	-	-	-	-	\$665,874
	Wastewater	819,126	-	-	-	-	\$819,126
	Funding total	\$1,485,000	-	-	-	-	\$1,485,000
WS90120037	91ST AVENUE WASTEWATER TREATMENT PLANT LOCAL LIMITS STUDY						
	Conduct a regulatory study to implement new requirements, procedures and processes at the 91st Avenue Wastewater Treatment Plant.						
							Function: 91st Avenue WWTP Studies
							Strategic Plan: Infrastructure
							District: 7
	Study	1,107,000	-	-	1,250,000	-	\$2,357,000
	Project total	\$1,107,000	-	-	\$1,250,000	-	\$2,357,000
	Other Cities' Share in Joint Ventures	496,379	-	-	560,500	-	\$1,056,879
	Wastewater	610,621	-	-	689,500	-	\$1,300,121
	Funding total	\$1,107,000	-	-	\$1,250,000	-	\$2,357,000
WS90140006	TRES RIOS FLOOD CONTROL AND ECOSYSTEM RESTORATION						
	Construct a levee system, new pump station, Flow Regulating and Overbank Wetlands (Phase II) and in-river features to act as flood control and environmental restoration.						
							Function: Tres Rios
							Strategic Plan: Sustainability
							District: 7
	Construction	1,330,800	-	-	-	-	\$1,330,800
	Project total	\$1,330,800	-	-	-	-	\$1,330,800
	Other Cities' Share in Joint Ventures	609,506	-	-	-	-	\$609,506
	Wastewater	721,294	-	-	-	-	\$721,294
	Funding total	\$1,330,800	-	-	-	-	\$1,330,800

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90160072	99TH AVENUE INTERCEPTOR						
Design and construct rehabilitation as required on a 12 mile long 99th Avenue interceptor.							
							District: 5 & 7
Construction		-	-	-	-	30,000	\$30,000
Study		-	-	-	-	750,000	\$750,000
Project total		-	-	-	-	\$780,000	\$780,000
Other Cities' Share in Joint Ventures		-	-	-	-	712,140	\$712,140
Wastewater		-	-	-	-	67,860	\$67,860
Funding total		-	-	-	-	\$780,000	\$780,000
WS90160083	SROG INTERCEPTOR CAPACITY EVALUATION - PHOENIX STUDY						
Review and update tributary sewage collection basin hydrographs by managing dry and wet weather flows discharged into the SROG and 99th Avenue interceptors.							
							District: 7 & 8
Other		-	-	108,000	-	-	\$108,000
Study		-	-	482,000	-	-	\$482,000
Project total		-	-	\$590,000	-	-	\$590,000
Wastewater		-	-	590,000	-	-	\$590,000
Funding total		-	-	\$590,000	-	-	\$590,000
WS90160084	SROG INTERCEPTOR CAPACITY IMPROVEMENTS						
Acquire land, design and construct the SROG Interceptor Capacity to monitor and control local response to dry and wet weather hydrographs.							
							District: 7 & 8
Construction		-	-	-	62,000,000	-	\$62,000,000
Design		-	5,518,000	-	5,600,000	-	\$11,118,000
Land Acquisition		4,720,000	-	-	-	-	\$4,720,000
Other		102,000	28,000	55,000	65,000	37,000	\$287,000
Study		75,000	-	-	-	-	\$75,000
Project total		\$4,897,000	\$5,546,000	\$55,000	\$67,665,000	\$37,000	\$78,200,000
Nonprofit Corporation Bonds - Wastewater		3,174,050	3,604,900	35,750	43,982,250	24,050	\$50,821,000
Other Cities' Share in Joint Ventures		1,722,950	1,941,100	19,250	23,682,750	12,950	\$27,379,000
Funding total		\$4,897,000	\$5,546,000	\$55,000	\$67,665,000	\$37,000	\$78,200,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90160093	SALT RIVER OUTFALL (SRO) SANITARY SEWER REHABILITATION						
	Function: Multi-City Sewer Lines						
	Conduct a new condition assessment report and rehabilitate the Salt River Outfall as identified in the assessment.						
	Strategic Plan: Infrastructure						
	District: 7 & 8						
Construction		3,280,000	-	-	-	-	\$3,280,000
Design		500,000	-	-	-	-	\$500,000
Other		20,000	-	-	-	-	\$20,000
Project total		\$3,800,000	-	-	-	-	\$3,800,000
Other Cities' Share in Joint Ventures		2,533,840	-	-	-	-	\$2,533,840
Wastewater		1,266,160	-	-	-	-	\$1,266,160
Funding total		\$3,800,000	-	-	-	-	\$3,800,000
WS90160094	SCOTTSDALE PRINCESS METERING STATION REPAIR						
	Function: Multi-City Sewer Lines						
	Install a new meter due to storm damage.						
	Strategic Plan: Infrastructure						
	District: Citywide						
Construction		650,000	-	-	-	-	\$650,000
Design		110,000	-	-	-	-	\$110,000
Project total		\$760,000	-	-	-	-	\$760,000
Other Cities' Share in Joint Ventures		760,000	-	-	-	-	\$760,000
Funding total		\$760,000	-	-	-	-	\$760,000
WS90160095	SALT RIVER OUTFALL (SRO) SANITARY SEWER REHABILITATION						
	Function: Multi-City Sewer Lines						
	Rehabilitate the Salt River Outfall Interceptor.						
	Strategic Plan: Infrastructure						
	District: 7 & 8						
Construction		-	-	2,100,000	-	-	\$2,100,000
Design		-	420,000	-	-	-	\$420,000
Other		-	40,000	-	-	-	\$40,000
Project total		-	\$460,000	\$2,100,000	-	-	\$2,560,000
Wastewater		-	460,000	2,100,000	-	-	\$2,560,000
Funding total		-	\$460,000	\$2,100,000	-	-	\$2,560,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90160097	99TH AVE INTERCEPTOR SEWER REHABILITATION						
Function: Multi-City Sewer Lines							
Design and construct a PVC-lined reinforced concrete interceptor on 99th Avenue from Olive Avenue to Broadway Road.							Strategic Plan: Infrastructure
							District: 5 & 7
Construction		2,517,999	-	-	-	-	\$2,517,999
Design		390,000	-	-	-	-	\$390,000
Other		30,000	-	-	-	-	\$30,000
Project total		\$2,937,999	-	-	-	-	\$2,937,999
Other Cities' Share in Joint Ventures		2,606,367	-	-	-	-	\$2,606,367
Wastewater		331,632	-	-	-	-	\$331,632
Funding total		\$2,937,999	-	-	-	-	\$2,937,999
WS90160098	SUB-REGIONAL OPERATING GROUP SEWER METERING STATION UPGRADE						
Function: Multi-City Sewer Lines							
Upgrade the SROG billing meter station measuring the sewage flow from Glendale, Sun City (EPCOR) and the City of Peoria.							Strategic Plan: Infrastructure
							District: Citywide
Construction		560,000	-	-	-	-	\$560,000
Project total		\$560,000	-	-	-	-	\$560,000
Other Cities' Share in Joint Ventures		560,000	-	-	-	-	\$560,000
Funding total		\$560,000	-	-	-	-	\$560,000
WS90200001	23RD AVENUE WASTEWATER TREATMENT PLANT REPLACEMENT FUND						
Function: 23rd Avenue WWTP							
Repair and replace 23rd Avenue Wastewater Treatment Plant equipment.							Strategic Plan: Infrastructure
							District: 7
Construction		1,100,000	1,100,000	1,200,000	1,200,000	1,300,000	\$5,900,000
Design		300,000	300,000	300,000	300,000	300,000	\$1,500,000
Equipment		500,000	500,000	550,000	550,000	550,000	\$2,650,000
Other		200,000	200,000	200,000	200,000	200,000	\$1,000,000
Project total		\$2,100,000	\$2,100,000	\$2,250,000	\$2,250,000	\$2,350,000	\$11,050,000
Wastewater		2,100,000	2,100,000	2,250,000	2,250,000	2,350,000	\$11,050,000
Funding total		\$2,100,000	\$2,100,000	\$2,250,000	\$2,250,000	\$2,350,000	\$11,050,000
WS90200023	23RD AVENUE TOXICITY IDENTIFICATION AND REDUCTION EVALUATION						
Function: 23rd Avenue WWTP							
Evaluate toxicity identification and reduction at the 23rd Avenue Wastewater Treatment Plant.							Strategic Plan: Infrastructure
							District: 7
Other		15,000	15,000	15,000	15,000	15,000	\$75,000
Study		200,000	-	-	-	-	\$200,000
Project total		\$215,000	\$15,000	\$15,000	\$15,000	\$15,000	\$275,000
Wastewater		215,000	15,000	15,000	15,000	15,000	\$275,000
Funding total		\$215,000	\$15,000	\$15,000	\$15,000	\$15,000	\$275,000

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Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90200037	23RD AVENUE WASTEWATER TREATMENT PLANT INSTRUMENTATION AND CONTROL						
	Design and inspect instrumentation and control projects at the 23rd Avenue Wastewater Treatment Plant.						
							District: 7
							Function: 23rd Avenue WWTP
							Strategic Plan: Infrastructure
	Project total	\$455,000	\$60,000	\$480,000	\$60,000	\$930,000	\$1,985,000
	Funding total	\$455,000	\$60,000	\$480,000	\$60,000	\$930,000	\$1,985,000
	Wastewater	455,000	60,000	480,000	60,000	930,000	\$1,985,000
	Design	400,000	-	400,000	-	850,000	\$1,650,000
	Other	55,000	60,000	80,000	60,000	80,000	\$335,000
	Study						
	Other	16,800	-	-	15,000	-	\$31,800
	Study	361,000	-	-	375,000	-	\$736,000
	Project total	\$377,800	-	-	\$390,000	-	\$767,800
	Funding total	\$377,800	-	-	\$390,000	-	\$767,800
	Wastewater	377,800	-	-	390,000	-	\$767,800
	Construction	325,000	325,000	375,000	2,700,000	400,000	\$4,125,000
	Design	75,000	75,000	200,000	200,000	75,000	\$625,000
	Other	110,000	110,000	115,000	150,000	105,000	\$590,000
	Study	-	50,000	-	-	-	\$50,000
	Project total	\$510,000	\$560,000	\$690,000	\$3,050,000	\$580,000	\$5,390,000
	Funding total	\$510,000	\$560,000	\$690,000	\$3,050,000	\$580,000	\$5,390,000
	Wastewater	510,000	560,000	690,000	3,050,000	580,000	\$5,390,000
	Construction	100,000	-	-	-	-	\$100,000
	Design	25,000	-	-	-	-	\$25,000
	Other	25,000	-	-	-	-	\$25,000
	Project total	\$150,000	-	-	-	-	\$150,000
	Funding total	\$150,000	-	-	-	-	\$150,000
	Wastewater	150,000	-	-	-	-	\$150,000
	Construction	100,000	-	-	-	-	\$100,000
	Design	25,000	-	-	-	-	\$25,000
	Other	25,000	-	-	-	-	\$25,000
	Project total	\$150,000	-	-	-	-	\$150,000
	Funding total	\$150,000	-	-	-	-	\$150,000
	Wastewater	150,000	-	-	-	-	\$150,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90200056	23RD AVENUE WASTEWATER TREATMENT PLANT PIPE AND EQUIPMENT COATING						
	Function: 23rd Avenue WWTP						
	Apply protective coatings to plant process equipment, structural support members, piping, tanks, motors, mechanical and related equipment at 23rd Avenue Wastewater Treatment Plant.						
	Strategic Plan: Infrastructure						
	District: 7						
Construction		300,000	300,000	300,000	300,000	300,000	\$1,500,000
Design		30,000	30,000	30,000	30,000	30,000	\$150,000
Other		54,000	45,000	45,000	45,000	45,000	\$234,000
Project total		\$384,000	\$375,000	\$375,000	\$375,000	\$375,000	\$1,884,000
Wastewater		384,000	375,000	375,000	375,000	375,000	\$1,884,000
Funding total		\$384,000	\$375,000	\$375,000	\$375,000	\$375,000	\$1,884,000
WS90300008	CAVE CREEK WATER RECLAMATION PLANT - REHABILITATION						
	Function: Cave Creek Reclamation Plant						
	Rehabilitate plant equipment and systems at the Cave Creek Water Reclamation Plant.						
	Strategic Plan: Infrastructure						
	District: 2						
Construction		-	-	2,700,000	-	-	\$2,700,000
Design		-	400,000	400,000	-	-	\$800,000
Other		50,000	280,000	275,000	250,000	280,000	\$1,135,000
Pre-Design		-	100,000	-	-	-	\$100,000
Project total		\$50,000	\$780,000	\$3,375,000	\$250,000	\$280,000	\$4,735,000
Wastewater		50,000	780,000	3,375,000	250,000	280,000	\$4,735,000
Funding total		\$50,000	\$780,000	\$3,375,000	\$250,000	\$280,000	\$4,735,000
WS90300009	CAVE CREEK WATER RECLAMATION PLANT - I&C INSPECTION SERVICES						
	Function: Cave Creek Reclamation Plant						
	Provide inspection and testing services for instrumentation and control projects at the Cave Creek Water Reclamation Plant.						
	Strategic Plan: Infrastructure						
	District: 2						
Design		-	200,000	-	150,000	-	\$350,000
Other		55,000	40,000	55,000	40,000	55,000	\$245,000
Project total		\$55,000	\$240,000	\$55,000	\$190,000	\$55,000	\$595,000
Wastewater		55,000	240,000	55,000	190,000	55,000	\$595,000
Funding total		\$55,000	\$240,000	\$55,000	\$190,000	\$55,000	\$595,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90300011	CAVE CREEK WATER RECLAMATION PLANT - REPLACEMENT						
Construct improvements to Cave Creek Water Reclamation Plant such as treatment processes, chemical facilities, equipment and facility improvements.							
							Function: Cave Creek Reclamation Plant
							Strategic Plan: Infrastructure
							District: 2
Construction		475,000	475,000	475,000	475,000	475,000	\$2,375,000
Other		25,000	25,000	25,000	25,000	25,000	\$125,000
Project total		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Wastewater		500,000	500,000	500,000	500,000	500,000	\$2,500,000
Funding total		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
WS90400023	LIFT STATION REPLACEMENT						
Repair and replace equipment and systems at sewer lift stations.							
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,350,000	1,675,000	1,770,000	2,405,000	2,500,000	\$9,700,000
Design		315,000	400,000	305,000	95,000	-	\$1,115,000
Other		105,000	125,000	125,000	-	-	\$355,000
Study		50,000	-	-	-	-	\$50,000
Project total		\$1,820,000	\$2,200,000	\$2,200,000	\$2,500,000	\$2,500,000	\$11,220,000
Wastewater		1,820,000	2,200,000	2,200,000	2,500,000	2,500,000	\$11,220,000
Funding total		\$1,820,000	\$2,200,000	\$2,200,000	\$2,500,000	\$2,500,000	\$11,220,000
WS90400028	LIFT STATION 43 EXPANSION						
Design and construct improvements to the electrical and mechanical systems to improve capacity and prolong asset life for the 75th Avenue and Southern lift station.							
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 7
Construction		2,040,000	-	-	-	-	\$2,040,000
Design		173,000	-	-	-	-	\$173,000
Other		38,700	-	-	-	-	\$38,700
Project total		\$2,251,700	-	-	-	-	\$2,251,700
Impact Fees		2,251,700	-	-	-	-	\$2,251,700
Funding total		\$2,251,700	-	-	-	-	\$2,251,700
WS90400060	LIFT STATION 51 DRIVEWAY						
Design and construct a driveway for Lift Station 51 located at 18635 North Tatum Boulevard.							
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 2
Land Acquisition		6,583	-	-	-	-	\$6,583
Project total		\$6,583	-	-	-	-	\$6,583
Wastewater		6,583	-	-	-	-	\$6,583
Funding total		\$6,583	-	-	-	-	\$6,583

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90400064	LIFT STATION 42 OPERATIONAL IMPROVEMENTS						
	Complete improvements to the electrical, mechanical and structural components to Lift Station 42 located at 33rd Avenue and Pecos Road lift station.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 6
	Other	10,000	-	-	-	-	\$10,000
	Project total	\$10,000	-	-	-	-	\$10,000
	Wastewater	10,000	-	-	-	-	\$10,000
	Funding total	\$10,000	-	-	-	-	\$10,000
WS90400066	LIFT STATION 61 LAND ACQUISITION						
	Purchase land for Lift Station 61 located at the northeast corner of 107th Avenue and Broadway Road.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 7
	Land Acquisition	220,000	-	-	-	-	\$220,000
	Project total	\$220,000	-	-	-	-	\$220,000
	Wastewater	220,000	-	-	-	-	\$220,000
	Funding total	\$220,000	-	-	-	-	\$220,000
WS90400067	WEST ANTHEM LIFT STATION AND FORCE MAINS						
	Acquire land, design and construct a 3 million gallons per day (MGD) lift station and force mains.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 1
	Construction	6,700,000	-	-	-	-	\$6,700,000
	Design	670,000	-	-	-	-	\$670,000
	Land Acquisition	305,000	-	-	-	-	\$305,000
	Other	102,000	-	-	-	-	\$102,000
	Project total	\$7,777,000	-	-	-	-	\$7,777,000
	Nonprofit Corporation Bonds - Wastewater	7,472,000	-	-	-	-	\$7,472,000
	Wastewater	305,000	-	-	-	-	\$305,000
	Funding total	\$7,777,000	-	-	-	-	\$7,777,000
WS90400070	LIFT STATION 43 ELECTRICAL UPGRADES						
	Design and construct electrical upgrades to Lift Station 43 located at 6834 South 75th Avenue.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 7
	Construction	1,023,023	-	-	-	-	\$1,023,023
	Design	557,000	-	-	-	-	\$557,000
	Other	41,100	-	-	-	-	\$41,100
	Project total	\$1,621,123	-	-	-	-	\$1,621,123
	Wastewater	1,621,123	-	-	-	-	\$1,621,123
	Funding total	\$1,621,123	-	-	-	-	\$1,621,123

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90400072	LIFT STATION 75 DESIGN AND CONTRACT						
	Design and construct Lift Station 75 located at 107th Avenue and Roeser Road.						
							District: 7
	Estimated full-year ongoing operating costs:	\$30,000					
	Construction	2,850,000	-	-	-	-	\$2,850,000
	Design	300,000	-	-	-	-	\$300,000
	Other	91,000	-	-	-	-	\$91,000
	Project total	\$3,241,000	-	-	-	-	\$3,241,000
	Impact Fees	3,241,000	-	-	-	-	\$3,241,000
	Funding total	\$3,241,000	-	-	-	-	\$3,241,000
WS90400073	LIFT STATION 61 EXPANSION						
	Lift station 61 expansion and permanent 16 inch back up force main.						
							District: 7
	Design	-	-	-	-	300,000	\$300,000
	Other	-	-	-	-	50,000	\$50,000
	Project total	-	-	-	-	\$350,000	\$350,000
	Impact Fees	-	-	-	-	350,000	\$350,000
	Funding total	-	-	-	-	\$350,000	\$350,000
WS90400074	LIFT STATION 51 REFURBISHMENT						
	Lift Station 51 condition assessment and rehabilitation.						
							District: 2
	Construction	-	5,000,000	-	-	-	\$5,000,000
	Design	750,000	750,000	-	-	-	\$1,500,000
	Other	58,000	48,000	-	-	-	\$106,000
	Project total	\$808,000	\$5,798,000	-	-	-	\$6,606,000
	Wastewater	808,000	5,798,000	-	-	-	\$6,606,000
	Funding total	\$808,000	\$5,798,000	-	-	-	\$6,606,000
WS90400075	LIFT STATION 48 ELECTRICAL AND CIVIL IMPROVEMENTS						
	Lift Station 48 replacement of an existing electrical motor control center and automatic transfer switch.						
							District: 5
	Construction	1,100,000	-	-	-	-	\$1,100,000
	Design	70,000	-	-	-	-	\$70,000
	Project total	\$1,170,000	-	-	-	-	\$1,170,000
	Wastewater	1,170,000	-	-	-	-	\$1,170,000
	Funding total	\$1,170,000	-	-	-	-	\$1,170,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90400076	LIFT STATION 44 CIVIL IMPROVEMENTS						
	Redesign and upgrade Lift Station 44 located at 6570 West Soft Wind Drive.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: 1
Construction		350,000	-	-	-	-	\$350,000
Design		70,000	-	-	-	-	\$70,000
Other		18,000	-	-	-	-	\$18,000
Project total		\$438,000	-	-	-	-	\$438,000
Wastewater		438,000	-	-	-	-	\$438,000
Funding total		\$438,000	-	-	-	-	\$438,000
WS90400077	LIFT STATION PROCESS CONTROL OPTIMIZATION						
	Optimize process control for the City of Phoenix wastewater collection system.						
							Function: Lift Stations
							Strategic Plan: Infrastructure
							District: Citywide
Construction		366,000	-	-	-	-	\$366,000
Design		140,000	800,000	-	800,000	-	\$1,740,000
Other		36,200	125,000	125,000	125,000	125,000	\$536,200
Project total		\$542,200	\$925,000	\$125,000	\$925,000	\$125,000	\$2,642,200
Wastewater		542,200	925,000	125,000	925,000	125,000	\$2,642,200
Funding total		\$542,200	\$925,000	\$125,000	\$925,000	\$125,000	\$2,642,200
WS90450007	ENERGY MANAGEMENT PROGRAM						
	Provide engineering and construction services to energy management and conservation by improving efficiency and optimizing electrical demand as recommended in Innovation and Efficiency Study of the Phoenix Water Services Department.						
							Function: Buildings
							Strategic Plan: Innovation and Efficiency
							District: Citywide
Construction		311,000	300,000	300,000	310,000	310,000	\$1,531,000
Design		21,500	40,000	40,000	42,500	47,500	\$191,500
Other		42,475	45,000	45,000	49,500	49,500	\$231,475
Study		40,000	15,000	15,000	17,500	17,500	\$105,000
Project total		\$414,975	\$400,000	\$400,000	\$419,500	\$424,500	\$2,058,975
Wastewater		414,975	400,000	400,000	419,500	424,500	\$2,058,975
Funding total		\$414,975	\$400,000	\$400,000	\$419,500	\$424,500	\$2,058,975

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500118	SMALL DIAMETER SEWER REHABILITATION						
	Rehabilitate small diameter sewers citywide.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Construction		8,000,000	6,000,000	6,000,000	6,000,000	6,000,000	\$32,000,000
Design		1,000,000	-	1,500,000	-	-	\$2,500,000
Other		110,000	85,000	110,000	85,000	85,000	\$475,000
Project total		\$9,110,000	\$6,085,000	\$7,610,000	\$6,085,000	\$6,085,000	\$34,975,000
Wastewater		9,110,000	6,085,000	7,610,000	6,085,000	6,085,000	\$34,975,000
Funding total		\$9,110,000	\$6,085,000	\$7,610,000	\$6,085,000	\$6,085,000	\$34,975,000
WS90500141	INSTRUMENTATION AND CONTROL INSPECTIONS COLLECTION SYSTEM						
	Provide oversight reviews and inspection of instrumentation and controls for sewer lift station projects.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Design		400,000	-	850,000	-	400,000	\$1,650,000
Other		75,000	50,000	65,000	50,000	65,000	\$305,000
Project total		\$475,000	\$50,000	\$915,000	\$50,000	\$465,000	\$1,955,000
Wastewater		475,000	50,000	915,000	50,000	465,000	\$1,955,000
Funding total		\$475,000	\$50,000	\$915,000	\$50,000	\$465,000	\$1,955,000
WS90500161	RELIEF SEWERS CITYWIDE						
	Identify existing over capacity sewer segments, develop solutions and design and construct relief sewers citywide.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Construction		3,239,960	4,980,000	4,980,000	-	-	\$13,199,960
Design		4,320,000	-	-	-	2,420,000	\$6,740,000
Other		270,000	170,000	170,000	120,000	230,000	\$960,000
Study		500,000	-	-	980,000	-	\$1,480,000
Project total		\$8,329,960	\$5,150,000	\$5,150,000	\$1,100,000	\$2,650,000	\$22,379,960
Nonprofit Corporation Bonds - Wastewater		8,271,908	5,150,000	5,150,000	1,100,000	2,650,000	\$22,321,908
Wastewater		58,052	-	-	-	-	\$58,052
Funding total		\$8,329,960	\$5,150,000	\$5,150,000	\$1,100,000	\$2,650,000	\$22,379,960
WS90500175	WASTEWATER IMPACT FEE CONTINGENCY						
	Provide available funding for programming various impact fee areas as projects are identified.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Construction		9,976,615	-	-	-	-	\$9,976,615
Project total		\$9,976,615	-	-	-	-	\$9,976,615
Impact Fees		9,976,615	-	-	-	-	\$9,976,615
Funding total		\$9,976,615	-	-	-	-	\$9,976,615

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500237	SOUTHERN WASTEWATER LAVEEN WEST INFRASTRUCTURE						
	Construct large growth-related wastewater infrastructure in the Laveen West impact fee area.						
							District: 7
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
	Construction	3,827,479	-	-	3,181,825	-	\$7,009,304
	Project total	\$3,827,479	-	-	\$3,181,825	-	\$7,009,304
	Impact Fees	3,827,479	-	-	3,181,825	-	\$7,009,304
	Funding total	\$3,827,479	-	-	\$3,181,825	-	\$7,009,304
WS90500256	RELIEF SEWER PROJECT 2 - NORTHWEST PHOENIX						
	Construct 857 linear feet of 18-inch diameter, 116 linear feet of 12-inch diameter, 13 linear feet of 10-inch diameter and 48 linear feet of 8-inch diameter sewer line along 19th Avenue from Peoria Avenue to south of North Lane.						
							District: 3
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
	Construction	1,300,000	-	-	-	-	\$1,300,000
	Other	240,000	-	-	-	-	\$240,000
	Project total	\$1,540,000	-	-	-	-	\$1,540,000
	Wastewater	1,540,000	-	-	-	-	\$1,540,000
	Funding total	\$1,540,000	-	-	-	-	\$1,540,000
WS90500257	RELIEF SEWER PROJECT 3 - NORTHWEST PHOENIX						
	Construct 478 linear feet of 21-inch diameter, 1250 linear feet of 18-inch diameter and 238 linear feet of 15-inch diameter sewer line along Northern Avenue from 29th Avenue to 31st Avenue.						
							District: 5
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
	Construction	900,000	-	-	-	-	\$900,000
	Other	310,000	-	-	-	-	\$310,000
	Project total	\$1,210,000	-	-	-	-	\$1,210,000
	Wastewater	1,210,000	-	-	-	-	\$1,210,000
	Funding total	\$1,210,000	-	-	-	-	\$1,210,000
WS90500260	RELIEF SEWER IMPROVEMENTS - NORTH PHOENIX						
	Complete 38 linear feet of 10-inch diameter sewer line and two 5-inch diameter manholes at the intersection of 15th Avenue and Myrtle Avenue.						
							District: 3 & 5
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
	Other	5,000	-	-	-	-	\$5,000
	Project total	\$5,000	-	-	-	-	\$5,000
	Wastewater	5,000	-	-	-	-	\$5,000
	Funding total	\$5,000	-	-	-	-	\$5,000

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Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500261	RELIEF SEWER IMPROVEMENTS - CAVE CREEK ROAD						
	Complete 1500 linear feet of 36-inch diameter sanitary sewer line along Cave Creek Road south of Peak View Road and north of Quiet Hollow Lane.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 2
	Other	15,000	-	-	-	-	\$15,000
	Project total	\$15,000	-	-	-	-	\$15,000
	Wastewater	15,000	-	-	-	-	\$15,000
	Funding total	\$15,000	-	-	-	-	\$15,000
WS90500265	39TH AVENUE INTERCEPTOR ODOR CONTROL						
	Acquire land, design and construct various odor control facilities on the 39th Avenue interceptor from Pinnacle Peak Road to Lower Buckeye Road.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 1, 4, 5 & 7
	Construction	2,350,000	-	-	-	-	\$2,350,000
	Design	925,000	-	-	-	-	\$925,000
	Land Acquisition	500,000	-	-	-	-	\$500,000
	Other	33,600	-	-	-	-	\$33,600
	Project total	\$3,808,600	-	-	-	-	\$3,808,600
	Wastewater	3,808,600	-	-	-	-	\$3,808,600
	Funding total	\$3,808,600	-	-	-	-	\$3,808,600
WS90500266	LIFT STATION 51 SEWER BYPASS REALIGNMENT						
	Construct a short realignment of existing sanitary sewer south of Lift Station 51 to resolve flow issues related to discharges from the SUMCO plant into the city's sewer.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 2
	Construction	190,000	-	-	-	-	\$190,000
	Design	20,000	-	-	-	-	\$20,000
	Other	20,000	-	-	-	-	\$20,000
	Project total	\$230,000	-	-	-	-	\$230,000
	Wastewater	230,000	-	-	-	-	\$230,000
	Funding total	\$230,000	-	-	-	-	\$230,000
WS90500270	GENERAL ENGINEERING SMALL PROJECT SUPPORT						
	Provide professional engineering support services for unplanned issues and small projects that arise throughout the year.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
	Design	170,000	270,000	270,000	270,000	270,000	\$1,250,000
	Other	30,000	30,000	30,000	30,000	30,000	\$150,000
	Project total	\$200,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,400,000
	Wastewater	200,000	300,000	300,000	300,000	300,000	\$1,400,000
	Funding total	\$200,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,400,000

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Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500271	CURED-IN-PLACE PIPE (CIPP)-LINED CONCRETE SEWER CONDITION ASSESSMENT						
	Perform condition assessment of Cured-In-Place Pipe (CIPP)-lined concrete sanitary interceptor sewers 19 miles in length, ranging from 24-inch to 90-inch diameter.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 4, 7 & 8
Construction		2,500,000	-	-	-	-	\$2,500,000
Design		450,000	-	-	-	-	\$450,000
Other		62,400	-	-	-	-	\$62,400
Study		-	-	-	-	1,000,000	\$1,000,000
Project total		\$3,012,400	-	-	-	\$1,000,000	\$4,012,400
Wastewater		3,012,400	-	-	-	1,000,000	\$4,012,400
Funding total		\$3,012,400	-	-	-	\$1,000,000	\$4,012,400
WS90500272	PVC-LINED CONCRETE SEWER CONDITION ASSESSMENT						
	Perform condition assessment of PVC-lined concrete sanitary interceptors 110 miles in length, ranging from 30-inch to 60-inch diameter.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,000,000	21,200,000	-	-	-	\$22,200,000
Design		2,100,000	2,100,000	-	-	-	\$4,200,000
Other		54,200	140,000	40,000	-	-	\$234,200
Study		-	-	-	-	1,000,000	\$1,000,000
Project total		\$3,154,200	\$23,440,000	\$40,000	-	\$1,000,000	\$27,634,200
Nonprofit Corporation Bonds - Wastewater		3,154,200	23,440,000	40,000	-	1,000,000	\$27,634,200
Funding total		\$3,154,200	\$23,440,000	\$40,000	-	\$1,000,000	\$27,634,200
WS90500273	LARGE DIAMETER SEWER CONDITION ASSESSMENT						
	Perform condition assessment of non Cured-In-Place Pipe (CIPP)-lined concrete and non PVC-lined concrete 15-inch and larger diameter sanitary interceptor sewers.						
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	8,600,000	-	-	\$8,600,000
Design		-	1,900,000	1,500,000	-	-	\$3,400,000
Other		50,000	70,000	90,000	50,000	50,000	\$310,000
Study		-	-	-	-	1,000,000	\$1,000,000
Project total		\$50,000	\$1,970,000	\$10,190,000	\$50,000	\$1,050,000	\$13,310,000
Wastewater		50,000	1,970,000	10,190,000	50,000	1,050,000	\$13,310,000
Funding total		\$50,000	\$1,970,000	\$10,190,000	\$50,000	\$1,050,000	\$13,310,000

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Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500276	WEST ANTHEM 18-INCH GRAVITY SEWER						
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.							
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 1
Construction		6,500,000	-	-	-	-	\$6,500,000
Design		650,000	-	-	-	-	\$650,000
Land Acquisition		1,000,000	-	-	-	-	\$1,000,000
Other		136,000	-	-	-	-	\$136,000
Project total		\$8,286,000	-	-	-	-	\$8,286,000
Nonprofit Corporation Bonds - Wastewater		8,286,000	-	-	-	-	\$8,286,000
Funding total		\$8,286,000	-	-	-	-	\$8,286,000
WS90500277	36-INCH GRAVITY SEWER NORTH OF 101 FREEWAY FROM 56TH STREET TO 64TH STREET						
Design and construct a 36-inch gravity sewer, north of the 101 Freeway from 56th Street to 64th Street.							
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 2
Construction		-	2,400,000	-	-	-	\$2,400,000
Design		240,000	240,000	-	-	-	\$480,000
Other		35,000	30,000	-	-	-	\$65,000
Project total		\$275,000	\$2,670,000	-	-	-	\$2,945,000
Impact Fees		275,000	2,670,000	-	-	-	\$2,945,000
Funding total		\$275,000	\$2,670,000	-	-	-	\$2,945,000
WS90500278	21-INCH GRAVITY SEWER ALONG 64TH STREET FROM DEER VALLEY DRIVE TO LEGACY BOULEVARD						
Design and construct a 21-inch gravity sewer along 64th Street from Deer Valley Drive to Legacy Boulevard.							
							Function: Phoenix Sewers
							Strategic Plan: Infrastructure
							District: 2
Design		-	-	-	-	50,000	\$50,000
Other		-	-	-	-	15,000	\$15,000
Project total		-	-	-	-	\$65,000	\$65,000
Impact Fees		-	-	-	-	65,000	\$65,000
Funding total		-	-	-	-	\$65,000	\$65,000

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Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500279	15-INCH GRAVITY SEWER ALONG 64TH STREET FROM DEER VALLEY DRIVE TO WILLIAMS DRIVE						
							Function: Phoenix Sewers
	Design and construct a 15-inch gravity sewer along 64th Street from Deer Valley Drive to Williams Drive.						Strategic Plan: Infrastructure
							District: 2
	Design	-	-	-	-	50,000	\$50,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$70,000	\$70,000
	Impact Fees	-	-	-	-	70,000	\$70,000
	Funding total	-	-	-	-	\$70,000	\$70,000
WS90500280	24-INCH GRAVITY SEWER ALONG PINNACLE PEAK ROAD FROM CAVE CREEK ROAD TO 36TH STREET ALIGNMENT						
							Function: Phoenix Sewers
	Design a 24-inch gravity sewer along Pinnacle Peak Road from Cave Creek Road to 36th Street alignment.						Strategic Plan: Infrastructure
							District: 2
	Design	-	-	-	-	170,000	\$170,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$190,000	\$190,000
	Impact Fees	-	-	-	-	190,000	\$190,000
	Funding total	-	-	-	-	\$190,000	\$190,000
WS90500281	18-INCH GRAVITY SEWER ALONG PINNACLE PEAK ROAD FROM 26TH STREET ALIGNMENT TO TATUM BOULEVARD						
							Function: Phoenix Sewers
	Design a 18-inch gravity sewer along Pinnacle Peak Road from 36th Street alignment to Tatum Boulevard.						Strategic Plan: Infrastructure
							District: 2
	Design	-	-	-	-	240,000	\$240,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$260,000	\$260,000
	Impact Fees	-	-	-	-	260,000	\$260,000
	Funding total	-	-	-	-	\$260,000	\$260,000
WS90500282	15-INCH GRAVITY SEWER ALONG 51ST AVENUE FROM DOBBINS ROAD TO CARVER ROAD						
							Function: Phoenix Sewers
	Design a 15-inch gravity sewer along 51st Avenue from Dobbins Road to Carver Road.						Strategic Plan: Infrastructure
							District: 7
	Design	-	-	-	-	230,000	\$230,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$250,000	\$250,000
	Impact Fees	-	-	-	-	250,000	\$250,000
	Funding total	-	-	-	-	\$250,000	\$250,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS90500283	18-INCH GRAVITY SEWER 75TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
	Design a 18-inch gravity sewer along 75th Avenue from Lower Buckeye Road to Broadway Road.						
							District: 7
	Design	-	-	-	-	140,000	\$140,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$160,000	\$160,000
	Impact Fees	-	-	-	-	160,000	\$160,000
	Funding total	-	-	-	-	\$160,000	\$160,000
WS90500284	18-INCH GRAVITY SEWER 67TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
	Design a 18-inch gravity sewer along 67th Avenue from Lower Buckeye Road to Broadway Road.						
							District: 7
	Design	-	-	-	-	140,000	\$140,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$160,000	\$160,000
	Impact Fees	-	-	-	-	160,000	\$160,000
	Funding total	-	-	-	-	\$160,000	\$160,000
WS90500285	18-INCH GRAVITY SEWER 59TH AVENUE FROM LOWER BUCKEYE ROAD TO BROADWAY ROAD						
	Design a 18-inch gravity sewer along 59th Avenue from Lower Buckeye Road to Broadway Road.						
							District: 7
	Design	-	-	-	-	140,000	\$140,000
	Other	-	-	-	-	20,000	\$20,000
	Project total	-	-	-	-	\$160,000	\$160,000
	Impact Fees	-	-	-	-	160,000	\$160,000
	Funding total	-	-	-	-	\$160,000	\$160,000
WS90500286	24-INCH GRAVITY SEWER 59TH AVENUE FROM BASELINE ROAD TO DOBBINS ROAD						
	Design and construct a 24-inch gravity sewer along 59th Avenue from Baseline Road to Dobbins Road.						
							District: 7 & 8
	Construction	-	-	-	925,000	-	\$925,000
	Design	-	-	250,000	250,000	-	\$500,000
	Other	-	-	40,000	80,000	-	\$120,000
	Project total	-	-	\$290,000	\$1,255,000	-	\$1,545,000
	Impact Fees	-	-	290,000	1,255,000	-	\$1,545,000
	Funding total	-	-	\$290,000	\$1,255,000	-	\$1,545,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR84900006	BOLA TIE INSTALLATION PERCENT FOR ART						
	Design and print a tour guide booklet featuring the bola tie and downtown Phoenix artwork.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7 & 8
Other		11,095	-	-	-	-	\$11,095
Project total		\$11,095	-	-	-	-	\$11,095
Nonprofit Corporation Bonds - Wastewater		11,095	-	-	-	-	\$11,095
Funding total		\$11,095	-	-	-	-	\$11,095
AR84900008	AVENIDA RIO SALADO-BROADWAY ROAD STREETScape PERCENT FOR ART						
	Construct future streetscape enhancements in conjunction with road and sewer improvements.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7 & 8
Construction		581,256	-	-	-	46,000	\$627,256
Other		60,397	-	-	-	-	\$60,397
Project total		\$641,653	-	-	-	\$46,000	\$687,653
2006 Street and Storm Sewer Improvements Bonds		-	-	-	-	46,000	\$46,000
Arizona Highway User Revenue		60,397	-	-	-	-	\$60,397
Nonprofit Corporation Bonds - Wastewater		581,256	-	-	-	-	\$581,256
Funding total		\$641,653	-	-	-	\$46,000	\$687,653
AR84900010	TRES RIOS WETLANDS PERCENT FOR ART						
	Develop environmental art elements at Tres Rios Wetlands.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7
Construction		629,579	-	-	-	-	\$629,579
Project total		\$629,579	-	-	-	-	\$629,579
Nonprofit Corporation Bonds - Wastewater		74,579	-	-	-	-	\$74,579
Wastewater		555,000	-	-	-	-	\$555,000
Funding total		\$629,579	-	-	-	-	\$629,579
AR84900011	LIFT STATION PERCENT FOR ART						
	Fabricate art enhancements at new lift stations.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		248,865	-	-	-	-	\$248,865
Project total		\$248,865	-	-	-	-	\$248,865
Nonprofit Corporation Bonds - Wastewater		43,679	-	-	-	-	\$43,679
Wastewater		205,186	-	-	-	-	\$205,186
Funding total		\$248,865	-	-	-	-	\$248,865

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR84900012	ISAAC STREETScape PHASE II PERCENT FOR ART						
							Function: Percent for Art
	Construct integrated artwork located at 32nd Avenue and McDowell Road.						Strategic Plan: Neighborhoods and Livability
							District: 4
	Construction	20,000	-	-	-	-	\$20,000
	Project total	\$20,000	-	-	-	-	\$20,000
	Wastewater	20,000	-	-	-	-	\$20,000
	Funding total	\$20,000	-	-	-	-	\$20,000
AR84900013	ODOR CONTROL STATION 72 PERCENT FOR ART						
							Function: Percent for Art
	Integrate artwork into the design of Odor Control Station 72 located at 47th Avenue and Pinnacle Peak Road.						Strategic Plan: Neighborhoods and Livability
							District: 1
	Construction	100,000	-	-	-	-	\$100,000
	Project total	\$100,000	-	-	-	-	\$100,000
	Wastewater	100,000	-	-	-	-	\$100,000
	Funding total	\$100,000	-	-	-	-	\$100,000

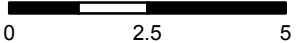
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WATER

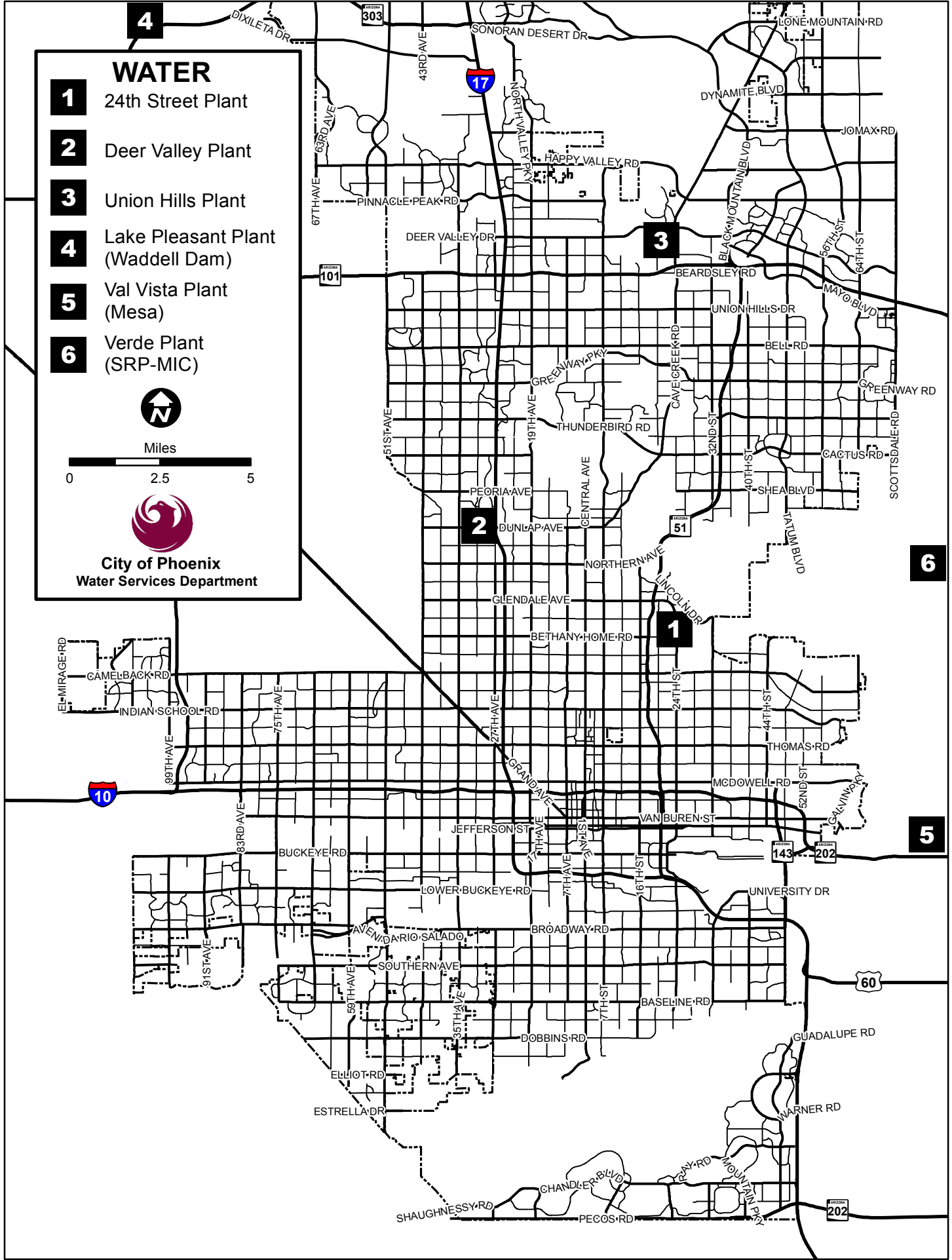
- 1** 24th Street Plant
- 2** Deer Valley Plant
- 3** Union Hills Plant
- 4** Lake Pleasant Plant (Waddell Dam)
- 5** Val Vista Plant (Mesa)
- 6** Verde Plant (SRP-MIC)



Miles



City of Phoenix
Water Services Department



Water

The Water program totals \$837.4 million and is funded with Water, Wastewater and Solid Waste revenue, nonprofit corporation bonds, development impact fees, Arizona Highway User Revenues, 2006 General Obligation Bond funds, and other cities' share in joint ventures.

The Water program includes replacement, rehabilitation and/or production improvements to Val Vista, Deer Valley, Lake Pleasant, Union Hills and 24th Street water treatment plants; reservoirs; wells; tanks and booster stations, including treatment processes, chemical facilities, equipment and facility improvements.

Additional major projects include:

- Implement water resiliency program
- Construct, improve and relocate various water mains
- Rehabilitate transmission mains
- Upgrade Customer Care and Billing system
- Demolish Verde Water Treatment Plant facilities and restore the site to original condition
- Replace water lines for light rail northwest extension.

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water
Capital Improvement Program Summary

Project Summary	2016-17	2017-18	2018-19	2019-20	2020-21	Total
<u>Use of Funds</u>						
<u>Functional Area</u>						
24th Street Plant	1,035,000	3,040,000	13,830,000	540,000	335,000	\$18,780,000
Automation	9,408,768	-	-	-	-	\$9,408,768
Boosters	15,130,000	11,502,000	4,100,000	7,700,000	7,700,000	\$46,132,000
Buildings	2,069,925	1,039,000	1,039,000	1,067,500	1,067,500	\$6,282,925
Deer Valley Plant	10,728,005	840,000	335,000	2,770,000	15,280,000	\$29,953,005
Percent for Art	570,365	75,000	-	-	50,000	\$695,365
Pressure Reducing Valve Stations	3,079,176	-	-	-	-	\$3,079,176
Production	28,524,111	16,847,750	17,780,000	17,190,000	19,805,000	\$100,146,861
Security	255,000	255,000	255,000	205,000	205,000	\$1,175,000
Storage	15,807,533	8,765,000	4,630,000	7,600,000	9,930,000	\$46,732,533
Union Hills Plant	3,403,600	11,150,000	640,000	335,000	3,315,000	\$18,843,600
Val Vista Plant	1,855,600	1,119,750	4,520,000	25,755,000	640,000	\$33,890,350
Verde Plant	20,801,645	-	-	-	-	\$20,801,645
Water Mains	99,177,118	68,455,835	90,664,769	70,763,070	64,080,708	\$393,141,500
Water Resiliency	7,949,820	4,000,000	4,000,000	5,000,000	5,000,000	\$25,949,820
Water System Studies	-	-	-	3,729,400	-	\$3,729,400
Wells	12,346,345	12,475,644	14,799,281	14,003,447	25,028,542	\$78,653,259
Total	\$232,142,011	\$139,564,979	\$156,593,050	\$156,658,417	\$152,436,750	\$837,395,207
<u>Source of Funds</u>						
<u>Operating Funds</u>						
Arizona Highway User Revenue	45,000	-	-	-	-	\$45,000
Solid Waste	1,841,055	-	-	-	-	\$1,841,055
Wastewater	1,999,832	-	-	-	-	\$1,999,832
Water	170,478,759	105,800,480	118,001,851	109,226,374	98,260,326	\$601,767,790
Total Operating Funds	\$174,364,646	\$105,800,480	\$118,001,851	\$109,226,374	\$98,260,326	\$605,653,677
<u>Bond Funds</u>						
2006 General Obligation Bonds	22,295	-	-	-	50,000	\$72,295
Nonprofit Corporation Bonds - Wastewater	31,277	-	-	-	-	\$31,277
Nonprofit Corporation Bonds - Water	31,106,812	28,455,987	31,413,067	31,746,577	53,364,600	\$176,087,043
Total Bond Funds	\$31,160,384	\$28,455,987	\$31,413,067	\$31,746,577	\$53,414,600	\$176,190,615
<u>Other Capital Funds</u>						
Impact Fees	24,856,952	3,891,000	4,324,000	4,188,000	500,000	\$37,759,952
Other Cities' Share in Joint Ventures	1,760,029	1,417,512	2,854,132	11,497,466	261,824	\$17,790,963
Total Other Capital Funds	\$26,616,981	\$5,308,512	\$7,178,132	\$15,685,466	\$761,824	\$55,550,915
Program Total	\$232,142,011	\$139,564,979	\$156,593,050	\$156,658,417	\$152,436,750	\$837,395,207

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85010030	ARSENIC TREATMENT FOR GROUNDWATER						
	Design and construct arsenic treatment facilities at various well sites.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: Citywide
Construction		400,000	400,000	400,000	-	-	\$1,200,000
Design		40,000	40,000	40,000	50,000	50,000	\$220,000
Other		189,200	15,000	15,000	15,000	15,000	\$249,200
Project total		\$629,200	\$455,000	\$455,000	\$65,000	\$65,000	\$1,669,200
Water		629,200	455,000	455,000	65,000	65,000	\$1,669,200
Funding total		\$629,200	\$455,000	\$455,000	\$65,000	\$65,000	\$1,669,200
WS85010045	SUPERBLOCK 8 WELL SITE						
	Acquire land, design and construct a new well to supply Superblock 8 at the corner of 40th Street and Deer Valley Road.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 2
Construction		-	1,250,000	-	2,755,000	-	\$4,005,000
Design		-	160,000	440,000	400,000	-	\$1,000,000
Land Acquisition		175,000	-	-	-	-	\$175,000
Other		15,000	25,000	30,000	30,000	-	\$100,000
Project total		\$190,000	\$1,435,000	\$470,000	\$3,185,000	-	\$5,280,000
Water		190,000	1,435,000	470,000	3,185,000	-	\$5,280,000
Funding total		\$190,000	\$1,435,000	\$470,000	\$3,185,000	-	\$5,280,000
WS85010048	CAVE CREEK WATER RECLAMATION PLANT AQUIFER STORAGE RECOVERY (ASR) PILOT PROJECT						
	Design and construct a 2.6 million gallon per day (MGD) aquifer storage recovery well.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 2
Construction		1,240,000	-	2,780,000	-	-	\$4,020,000
Design		150,000	450,000	420,000	-	-	\$1,020,000
Other		30,000	30,000	50,000	-	-	\$110,000
Project total		\$1,420,000	\$480,000	\$3,250,000	-	-	\$5,150,000
Water		1,420,000	480,000	3,250,000	-	-	\$5,150,000
Funding total		\$1,420,000	\$480,000	\$3,250,000	-	-	\$5,150,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85010050	WELL ASSESSMENT PROGRAM						
	Complete Phase II Groundwater Management Plan recommended a study to assess existing well sites to determine how wells could be better utilized in the future.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 2 & 4
	Construction	-	-	-	1,250,000	-	\$1,250,000
	Design	-	-	-	152,000	450,000	\$602,000
	Other	-	-	-	30,000	30,000	\$60,000
	Project total	-	-	-	\$1,432,000	\$480,000	\$1,912,000
	Water	-	-	-	1,432,000	480,000	\$1,912,000
	Funding total	-	-	-	\$1,432,000	\$480,000	\$1,912,000
WS85010051	AQUIFER STORAGE RECOVERY WELL 278 DRILL AND REPLACE						
	Drill, install and test aquifer storage recovery well 278.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 2
	Construction	1,270,000	2,800,000	-	-	-	\$4,070,000
	Design	470,000	410,000	-	-	-	\$880,000
	Other	23,000	25,000	-	-	-	\$48,000
	Project total	\$1,763,000	\$3,235,000	-	-	-	\$4,998,000
	Water	1,763,000	3,235,000	-	-	-	\$4,998,000
	Funding total	\$1,763,000	\$3,235,000	-	-	-	\$4,998,000
WS85010052	DEER VALLEY AQUIFER STORAGE RECOVERY WELL PROGRAM						
	Drill, install and test one potable aquifer storage recovery well.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 1
	Estimated full-year ongoing operating costs:	\$80,000					
	Construction	2,655,704	-	1,250,000	-	2,800,000	\$6,705,704
	Design	400,000	-	150,000	440,000	450,000	\$1,440,000
	Other	15,000	-	25,000	25,000	30,000	\$95,000
	Project total	\$3,070,704	-	\$1,425,000	\$465,000	\$3,280,000	\$8,240,704
	Water	3,070,704	-	1,425,000	465,000	3,280,000	\$8,240,704
	Funding total	\$3,070,704	-	\$1,425,000	\$465,000	\$3,280,000	\$8,240,704

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85010053	WELL 287 UPGRADES ALONG CAVE CREEK ROAD						
	Increase pumping capacity of non-potable and future potable water usage into the water distribution system.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 2
Construction		-	1,250,000	-	2,800,000	-	\$4,050,000
Design		-	165,000	425,000	420,000	-	\$1,010,000
Land Acquisition		738,450	-	-	-	-	\$738,450
Other		45,000	65,000	40,000	20,000	-	\$170,000
Project total		\$783,450	\$1,480,000	\$465,000	\$3,240,000	-	\$5,968,450
Water		783,450	1,480,000	465,000	3,240,000	-	\$5,968,450
Funding total		\$783,450	\$1,480,000	\$465,000	\$3,240,000	-	\$5,968,450
WS85010054	GROUNDWATER WELLS						
	Design and construct new water supply wells to mitigate against drought and system outages.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: Citywide
Construction		3,489,991	-	6,412,422	1,948,284	16,700,736	\$28,551,433
Design		450,000	713,892	1,035,662	3,067,371	868,806	\$6,135,731
Land Acquisition		-	400,000	1,266,197	-	-	\$1,666,197
Other		50,000	145,792	20,000	123,792	92,000	\$431,584
Study		-	588,960	-	-	-	\$588,960
Project total		\$3,989,991	\$1,848,644	\$8,734,281	\$5,139,447	\$17,661,542	\$37,373,905
Nonprofit Corporation Bonds - Water		3,989,991	1,848,644	8,734,281	5,139,447	17,661,542	\$37,373,905
Funding total		\$3,989,991	\$1,848,644	\$8,734,281	\$5,139,447	\$17,661,542	\$37,373,905
WS85010055	WELL 301 INFRASTRUCTURE DEVELOPMENT						
	Drill, install and test aquifer storage recovery well 301 located at 47th Avenue and Bell Road.						
							Function: Wells
							Strategic Plan: Infrastructure
							District: 1
Construction		-	3,542,000	-	-	3,100,000	\$6,642,000
Design		500,000	-	-	450,000	410,000	\$1,360,000
Other		-	-	-	27,000	32,000	\$59,000
Project total		\$500,000	\$3,542,000	-	\$477,000	\$3,542,000	\$8,061,000
Nonprofit Corporation Bonds - Water		500,000	3,542,000	-	477,000	3,542,000	\$8,061,000
Funding total		\$500,000	\$3,542,000	-	\$477,000	\$3,542,000	\$8,061,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85050019	CONCRETE RESERVOIR REHABILITATION						
Design and construct improvements recommended in the Concrete Reservoir Assessment Study.							Function: Storage
							Strategic Plan: Infrastructure
							District: Citywide
Construction		200,000	-	-	3,590,000	3,590,000	\$7,380,000
Design		87,000	175,000	300,000	670,000	670,000	\$1,902,000
Other		290,000	290,000	290,000	290,000	290,000	\$1,450,000
	Project total	\$577,000	\$465,000	\$590,000	\$4,550,000	\$4,550,000	\$10,732,000
Water		577,000	465,000	590,000	4,550,000	4,550,000	\$10,732,000
	Funding total	\$577,000	\$465,000	\$590,000	\$4,550,000	\$4,550,000	\$10,732,000
WS85050023	STEEL TANK REHABILITATION						
Design and rehabilitate steel tanks as needed.							Function: Storage
							Strategic Plan: Infrastructure
							District: Citywide
Construction		3,452,375	2,770,000	2,150,000	2,180,000	2,190,000	\$12,742,375
Design		830,849	690,000	610,000	570,000	570,000	\$3,270,849
Other		170,000	170,000	170,000	180,000	170,000	\$860,000
Pre-Design		97,018	70,000	70,000	70,000	70,000	\$377,018
	Project total	\$4,550,242	\$3,700,000	\$3,000,000	\$3,000,000	\$3,000,000	\$17,250,242
Water		4,550,242	3,700,000	3,000,000	3,000,000	3,000,000	\$17,250,242
	Funding total	\$4,550,242	\$3,700,000	\$3,000,000	\$3,000,000	\$3,000,000	\$17,250,242
WS85050042	RESERVOIR DAM ASSESSMENT PROGRAM						
Assess, and prepare required documents for all the reservoirs considered jurisdictional dams by the Arizona Department of Water Resources (ADWR).							Function: Storage
							Strategic Plan: Infrastructure
							District: 1, 3 & 6
Construction		800,000	-	800,000	-	-	\$1,600,000
Design		210,291	240,000	140,000	-	-	\$590,291
Other		100,000	60,000	100,000	50,000	50,000	\$360,000
	Project total	\$1,110,291	\$300,000	\$1,040,000	\$50,000	\$50,000	\$2,550,291
Water		1,110,291	300,000	1,040,000	50,000	50,000	\$2,550,291
	Funding total	\$1,110,291	\$300,000	\$1,040,000	\$50,000	\$50,000	\$2,550,291
WS85050045	DEER VALLEY WATER TREATMENT PLANT RESERVOIR # 1 REPLACEMENT						
Complete construction of a new 20 million gallon concrete reservoir at Deer Valley Water Treatment Plant to replace a failed reservoir.							Function: Storage
							Strategic Plan: Infrastructure
							District: 1
Design		40,000	-	-	-	-	\$40,000
	Project total	\$40,000	-	-	-	-	\$40,000
Water		40,000	-	-	-	-	\$40,000
	Funding total	\$40,000	-	-	-	-	\$40,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85050046	DEER VALLEY RESERVOIR # 2 REHABILITATION						
	Design and construct Deer Valley reservoir rehabilitation project including aluminum roof deck replacement, column and roof framing repair, new membrane liner and development of a multi-year reservoir monitoring program.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: 1
	Construction	4,000,000	-	-	-	-	\$4,000,000
	Design	300,000	-	-	-	-	\$300,000
	Project total	\$4,300,000	-	-	-	-	\$4,300,000
	Water	4,300,000	-	-	-	-	\$4,300,000
	Funding total	\$4,300,000	-	-	-	-	\$4,300,000
WS85050047	UNION HILLS RESERVOIR REHABILITATION						
	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.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: 2
	Design	-	-	-	-	300,000	\$300,000
	Project total	-	-	-	-	\$300,000	\$300,000
	Water	-	-	-	-	300,000	\$300,000
	Funding total	-	-	-	-	\$300,000	\$300,000
WS85050048	7A-ES1 (5 MILLION GALLON PER DAY) RESERVOIR						
	Acquire land for installation of a 5 millions of gallons per day reservoir located at 56th Street and Dixileta Drive.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: 2
	Land Acquisition	1,500,000	-	-	-	-	\$1,500,000
	Project total	\$1,500,000	-	-	-	-	\$1,500,000
	Water	1,500,000	-	-	-	-	\$1,500,000
	Funding total	\$1,500,000	-	-	-	-	\$1,500,000
WS85050049	6B-ES1 (5 MILLION GALLON PER DAY) RESERVOIR						
	Acquire land to install 5 million gallons per day reservoir located at 7th Street and Carefree Highway.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: 2
	Land Acquisition	-	-	-	-	2,000,000	\$2,000,000
	Other	-	-	-	-	30,000	\$30,000
	Project total	-	-	-	-	\$2,030,000	\$2,030,000
	Water	-	-	-	-	2,030,000	\$2,030,000
	Funding total	-	-	-	-	\$2,030,000	\$2,030,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85050050	1-ES1-3 RESERVOIR # 3 REHABILITATION						
	Rehabilitate roof and installation liner of the 20 million gallon concrete reservoir No. 3 located at 64th Street and Thomas Road.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	4,000,000	-	-	-	\$4,000,000
Design		350,000	300,000	-	-	-	\$650,000
Project total		\$350,000	\$4,300,000	-	-	-	\$4,650,000
Water		350,000	4,300,000	-	-	-	\$4,650,000
Funding total		\$350,000	\$4,300,000	-	-	-	\$4,650,000
WS85050051	24TH STREET WATER TREATMENT PLANT RESERVOIR REHABILITATION AND MISCELLANEOUS REPAIRS						
	Rehabilitate roof and complete miscellaneous repairs of the 20 million gallon per day reservoir at 24th Street Water Treatment Plant located at 6202 North 24th Street.						
							Function: Storage
							Strategic Plan: Infrastructure
							District: 6
Construction		3,000,000	-	-	-	-	\$3,000,000
Design		300,000	-	-	-	-	\$300,000
Other		80,000	-	-	-	-	\$80,000
Project total		\$3,380,000	-	-	-	-	\$3,380,000
Water		3,380,000	-	-	-	-	\$3,380,000
Funding total		\$3,380,000	-	-	-	-	\$3,380,000
WS85100031	BOOSTER PROCESS CONTROL OPTIMIZATION						
	Implement process control optimization for booster pump station facilities.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Construction		1,750,000	1,750,000	-	-	-	\$3,500,000
Design		430,000	216,750	-	-	-	\$646,750
Equipment		130,000	130,250	-	-	-	\$260,250
Other		310,000	310,000	-	-	-	\$620,000
Project total		\$2,620,000	\$2,407,000	-	-	-	\$5,027,000
Water		2,620,000	2,407,000	-	-	-	\$5,027,000
Funding total		\$2,620,000	\$2,407,000	-	-	-	\$5,027,000
WS85100032	BOOSTER PUMP STATION REPLACEMENT PROGRAM						
	Design and construct improvements to booster pump station facilities.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	3,000,000	6,000,000	6,000,000	\$15,000,000
Design		-	-	600,000	1,200,000	1,200,000	\$3,000,000
Other		70,000	500,000	500,000	500,000	500,000	\$2,070,000
Project total		\$70,000	\$500,000	\$4,100,000	\$7,700,000	\$7,700,000	\$20,070,000
Nonprofit Corporation Bonds - Water		70,000	500,000	4,100,000	7,700,000	7,700,000	\$20,070,000
Funding total		\$70,000	\$500,000	\$4,100,000	\$7,700,000	\$7,700,000	\$20,070,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85100038	BOOSTER PUMP STATION 3A-B1 AT 24TH STREET WATER TREATMENT PLANT						
	Replace booster pump station 3A-B1 at 24th Street Water Treatment Plant.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: 6
Construction		7,500,000	-	-	-	-	\$7,500,000
Design		750,000	-	-	-	-	\$750,000
Other		40,000	25,000	-	-	-	\$65,000
Project total		\$8,290,000	\$25,000	-	-	-	\$8,315,000
Nonprofit Corporation Bonds - Water		8,290,000	25,000	-	-	-	\$8,315,000
Funding total		\$8,290,000	\$25,000	-	-	-	\$8,315,000
WS85100041	MOON VALLEY RAW WATER PIPELINE AND PUMP STATION						
	Construct 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.						
							Function: Boosters
							Strategic Plan: Economic Development and Education
							District: 3
Estimated full-year ongoing operating costs:		\$510,000					
Other		50,000	20,000	-	-	-	\$70,000
Project total		\$50,000	\$20,000	-	-	-	\$70,000
Water		50,000	20,000	-	-	-	\$70,000
Funding total		\$50,000	\$20,000	-	-	-	\$70,000
WS85100044	BOOSTER PUMP STATIONS 3SE-B1 AND 25-B3						
	Design and construct the rehabilitation and/or replacement of booster pump stations 3SE-B1 and 25-B3 located at 7615 South 42nd Place.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: 6
Construction		3,000,000	7,500,000	-	-	-	\$10,500,000
Design		1,100,000	1,050,000	-	-	-	\$2,150,000
Project total		\$4,100,000	\$8,550,000	-	-	-	\$12,650,000
Nonprofit Corporation Bonds - Water		4,050,000	8,550,000	-	-	-	\$12,600,000
Water		50,000	-	-	-	-	\$50,000
Funding total		\$4,100,000	\$8,550,000	-	-	-	\$12,650,000
WS85110001	PRESSURE REDUCING VALVE STATION 2A-R7 EXPANSION AND WATER MAIN EXTENSION						
	Design and construct a 5 million gallon per day (MGD) pressure reducing valve station and 16-inch water main from 35th Avenue to 47th Avenue on Sweetwater Avenue.						
							Function: Pressure Reducing Valve Stations
							Strategic Plan: Infrastructure
							District: 1
Construction		2,747,176	-	-	-	-	\$2,747,176
Design		282,000	-	-	-	-	\$282,000
Other		50,000	-	-	-	-	\$50,000
Project total		\$3,079,176	-	-	-	-	\$3,079,176
Water		3,079,176	-	-	-	-	\$3,079,176
Funding total		\$3,079,176	-	-	-	-	\$3,079,176

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85200010	VERDE WATER TREATMENT PLANT DEMOLITION OF FACILITIES AND RESTORATION OF SITE						
							Function: Verde Plant
	Demolish Verde Water Treatment Plant facilities and restore site to original condition excluding the transmission main and SRP substation.						Strategic Plan: Infrastructure
							District: Citywide
Construction		18,700,000	-	-	-	-	\$18,700,000
Design		1,982,645	-	-	-	-	\$1,982,645
Other		119,000	-	-	-	-	\$119,000
Project total		\$20,801,645	-	-	-	-	\$20,801,645
Water		20,801,645	-	-	-	-	\$20,801,645
Funding total		\$20,801,645	-	-	-	-	\$20,801,645
WS85230023	VAL VISTA WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							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		1,300,000	-	700,000	-	350,000	\$2,350,000
Other		40,000	55,000	40,000	55,000	40,000	\$230,000
Project total		\$1,340,000	\$55,000	\$740,000	\$55,000	\$390,000	\$2,580,000
Other Cities' Share in Joint Ventures		547,913	22,500	302,734	22,500	159,549	\$1,055,196
Water		792,087	32,500	437,266	32,500	230,451	\$1,524,804
Funding total		\$1,340,000	\$55,000	\$740,000	\$55,000	\$390,000	\$2,580,000
WS85230040	VAL VISTA WATER TREATMENT PLANT REHABILITATION PROGRAM						
							Function: Val Vista Plant
	Rehabilitate plant equipment at the Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	-	22,300,000	-	\$22,300,000
Design		-	-	3,100,000	3,100,000	-	\$6,200,000
Other		-	280,000	280,000	300,000	250,000	\$1,110,000
Pre-Design		-	-	400,000	-	-	\$400,000
Project total		-	\$280,000	\$3,780,000	\$25,700,000	\$250,000	\$30,010,000
Nonprofit Corporation Bonds - Water		-	165,452	2,233,602	15,186,130	147,725	\$17,732,909
Other Cities' Share in Joint Ventures		-	114,548	1,546,398	10,513,870	102,275	\$12,277,091
Funding total		-	\$280,000	\$3,780,000	\$25,700,000	\$250,000	\$30,010,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85230049	VAL VISTA WATER TREATMENT PLANT REHABILITATION						
							Function: Val Vista Plant
	Rehabilitate plant equipment at the Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure District: Citywide
	Other	300,000	-	-	-	-	\$300,000
	Project total	\$300,000	-	-	-	-	\$300,000
	Other Cities' Share in Joint Ventures	123,000	-	-	-	-	\$123,000
	Water	177,000	-	-	-	-	\$177,000
	Funding total	\$300,000	-	-	-	-	\$300,000
WS85230050	SRP MOBILE SUBSTATION AND SPARE TRANSFORMER						
							Function: Val Vista Plant
	Provide mobile substation and spare transformer for emergency usage at SRP serviced Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure District: Citywide
	Construction	207,000	773,834	-	-	-	\$980,834
	Other	8,600	10,916	-	-	-	\$19,516
	Project total	\$215,600	\$784,750	-	-	-	\$1,000,350
	Other Cities' Share in Joint Ventures	77,616	282,510	-	-	-	\$360,126
	Water	137,984	502,240	-	-	-	\$640,224
	Funding total	\$215,600	\$784,750	-	-	-	\$1,000,350
WS85260023	DEER VALLEY WATER TREATMENT PLANT REHABILITATION						
							Function: Deer Valley Plant
	Rehabilitate Deer Valley Water Treatment Plant equipment.						Strategic Plan: Infrastructure District: 1
	Construction	-	-	-	-	12,600,000	\$12,600,000
	Design	-	-	-	1,800,000	2,300,000	\$4,100,000
	Other	-	250,000	280,000	280,000	325,000	\$1,135,000
	Pre-Design	-	-	-	200,000	-	\$200,000
	Project total	-	\$250,000	\$280,000	\$2,280,000	\$15,225,000	\$18,035,000
	Nonprofit Corporation Bonds - Water	-	250,000	280,000	2,280,000	15,225,000	\$18,035,000
	Funding total	-	\$250,000	\$280,000	\$2,280,000	\$15,225,000	\$18,035,000
WS85260024	DEER VALLEY WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							Function: Deer Valley Plant
	Provide on call inspection services for instrumentation and control projects at the Deer Valley Water Treatment Plant.						Strategic Plan: Infrastructure District: 1
	Design	950,000	550,000	-	450,000	-	\$1,950,000
	Other	55,000	40,000	55,000	40,000	55,000	\$245,000
	Project total	\$1,005,000	\$590,000	\$55,000	\$490,000	\$55,000	\$2,195,000
	Water	1,005,000	590,000	55,000	490,000	55,000	\$2,195,000
	Funding total	\$1,005,000	\$590,000	\$55,000	\$490,000	\$55,000	\$2,195,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85260029	DEER VALLEY WATER TREATMENT PLANT - REHABILITATION 2015						
	Rehabilitate Deer Valley Water Treatment Plant equipment.						
							Function: Deer Valley Plant
							Strategic Plan: Infrastructure
							District: 1
Construction		8,000,000	-	-	-	-	\$8,000,000
Design		1,323,592	-	-	-	-	\$1,323,592
Other		310,000	-	-	-	-	\$310,000
Pre-Design		89,413	-	-	-	-	\$89,413
Project total		\$9,723,005	-	-	-	-	\$9,723,005
Nonprofit Corporation Bonds - Water		9,723,005	-	-	-	-	\$9,723,005
Funding total		\$9,723,005	-	-	-	-	\$9,723,005
WS85290022	24TH STREET WATER TREATMENT PLANT REHABILITATION						
	Rehabilitate plant equipment at the 24th Street Water Treatment Plant.						
							Function: 24th Street Plant
							Strategic Plan: Infrastructure
							District: 6
Construction		-	-	11,600,000	-	-	\$11,600,000
Design		-	1,600,000	1,600,000	-	-	\$3,200,000
Other		280,000	300,000	325,000	250,000	280,000	\$1,435,000
Pre-Design		-	200,000	-	-	-	\$200,000
Project total		\$280,000	\$2,100,000	\$13,525,000	\$250,000	\$280,000	\$16,435,000
Nonprofit Corporation Bonds - Water		280,000	2,100,000	13,525,000	250,000	280,000	\$16,435,000
Funding total		\$280,000	\$2,100,000	\$13,525,000	\$250,000	\$280,000	\$16,435,000
WS85290023	24TH STREET WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION						
	Provide on call inspection services for instrumentation and control projects at the 24th Street Water Treatment Plant.						
							Function: 24th Street Plant
							Strategic Plan: Infrastructure
							District: 6
Design		700,000	900,000	250,000	250,000	-	\$2,100,000
Other		55,000	40,000	55,000	40,000	55,000	\$245,000
Project total		\$755,000	\$940,000	\$305,000	\$290,000	\$55,000	\$2,345,000
Water		755,000	940,000	305,000	290,000	55,000	\$2,345,000
Funding total		\$755,000	\$940,000	\$305,000	\$290,000	\$55,000	\$2,345,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85320024	UNION HILLS WATER TREATMENT PLANT REHABILITATION						
	Design and construct a rehabilitation and improvements of Union Hills Water Treatment Plant structures and equipment.						
							District: 2
							Function: Union Hills Plant
							Strategic Plan: Infrastructure
Construction		-	9,200,000	-	-	-	\$9,200,000
Design		1,300,000	1,300,000	-	-	-	\$2,600,000
Other		320,000	325,000	-	-	-	\$645,000
Pre-Design		200,000	-	-	-	-	\$200,000
Project total		\$1,820,000	\$10,825,000	-	-	-	\$12,645,000
Nonprofit Corporation Bonds - Water		1,805,001	10,825,000	-	-	-	\$12,630,001
Water		14,999	-	-	-	-	\$14,999
Funding total		\$1,820,000	\$10,825,000	-	-	-	\$12,645,000
WS85400001	PRODUCTION REPLACEMENT FUND						
	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.						
							District: Citywide
							Function: Production
							Strategic Plan: Infrastructure
Construction		5,500,000	6,000,000	6,500,000	7,000,000	7,500,000	\$32,500,000
Design		1,200,000	-	1,400,000	-	1,600,000	\$4,200,000
Other		220,000	230,000	220,000	220,000	220,000	\$1,110,000
Project total		\$6,920,000	\$6,230,000	\$8,120,000	\$7,220,000	\$9,320,000	\$37,810,000
Water		6,920,000	6,230,000	8,120,000	7,220,000	9,320,000	\$37,810,000
Funding total		\$6,920,000	\$6,230,000	\$8,120,000	\$7,220,000	\$9,320,000	\$37,810,000
WS85400002	PRODUCTION REPLACEMENT FUND VAL VISTA WATER TREATMENT PLANT						
	Design and construct improvements at the Val Vista Water Treatment Plant such as treatment processes, chemical facilities, equipment and facility improvements.						
							District: Citywide
							Function: Production
							Strategic Plan: Infrastructure
Construction		1,900,000	2,000,000	2,100,000	2,200,000	2,300,000	\$10,500,000
Design		250,000	-	300,000	-	350,000	\$900,000
Other		55,000	65,000	55,000	55,000	55,000	\$285,000
Project total		\$2,205,000	\$2,065,000	\$2,455,000	\$2,255,000	\$2,705,000	\$11,685,000
Water		2,205,000	2,065,000	2,455,000	2,255,000	2,705,000	\$11,685,000
Funding total		\$2,205,000	\$2,065,000	\$2,455,000	\$2,255,000	\$2,705,000	\$11,685,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85400007	REMOTE FACILITIES REPLACEMENT FUND						
Design and construct improvements to wells, booster pump stations, pressure release valves and reservoir sites.						Function: Production	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		4,050,000	4,050,000	4,050,000	4,375,000	4,475,000	\$21,000,000
Design		800,000	800,000	800,000	850,000	850,000	\$4,100,000
Equipment		1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	\$5,200,000
Other		50,000	550,000	550,000	575,000	575,000	\$2,300,000
Project total		\$5,900,000	\$6,400,000	\$6,400,000	\$6,900,000	\$7,000,000	\$32,600,000
Water		5,900,000	6,400,000	6,400,000	6,900,000	7,000,000	\$32,600,000
Funding total		\$5,900,000	\$6,400,000	\$6,400,000	\$6,900,000	\$7,000,000	\$32,600,000
WS85400011	INSTRUMENTATION AND CONTROL INSPECTION AND TESTING SERVICES						
Provide instrumentation, control inspection and testing support for water remote facilities.						Function: Production	
						Strategic Plan: Infrastructure	
						District: Citywide	
Design		745,000	750,000	755,000	765,000	775,000	\$3,790,000
Other		5,000	5,000	5,000	5,000	5,000	\$25,000
Project total		\$750,000	\$755,000	\$760,000	\$770,000	\$780,000	\$3,815,000
Water		750,000	755,000	760,000	770,000	780,000	\$3,815,000
Funding total		\$750,000	\$755,000	\$760,000	\$770,000	\$780,000	\$3,815,000
WS85400013	ACQUIRE ADDITIONAL WATER RESOURCES						
Acquire water rights and develop infrastructure for growth-related improvements consistent with the Water Resource Acquisition Fee Plan.						Function: Production	
						Strategic Plan: Infrastructure	
						District: Citywide	
Design		12,577,211	-	-	-	-	\$12,577,211
Project total		\$12,577,211	-	-	-	-	\$12,577,211
Water		12,577,211	-	-	-	-	\$12,577,211
Funding total		\$12,577,211	-	-	-	-	\$12,577,211
WS85400014	SRP MOBILE SUBSTATION AND SPARE TRANSFORMER						
Provide mobile substation and spare transformer for emergency usage at SRP serviced Deer Valley Water Treatment Plant.						Function: Production	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		93,000	1,347,665	-	-	-	\$1,440,665
Other		3,900	5,085	-	-	-	\$8,985
Project total		\$96,900	\$1,352,750	-	-	-	\$1,449,650
Water		96,900	1,352,750	-	-	-	\$1,449,650
Funding total		\$96,900	\$1,352,750	-	-	-	\$1,449,650

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85400015	ANNUAL FACILITIES PROGRAM FIRE PERMIT COMPLIANCE						
						Function: Production	
Support annual facilities program and fire permit issues at remote water facilities.						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		40,000	40,000	40,000	40,000	-	\$160,000
Design		30,000	-	-	-	-	\$30,000
Other		5,000	5,000	5,000	5,000	-	\$20,000
Project total		\$75,000	\$45,000	\$45,000	\$45,000	-	\$210,000
Water		75,000	45,000	45,000	45,000	-	\$210,000
Funding total		\$75,000	\$45,000	\$45,000	\$45,000	-	\$210,000
WS85450021	ENERGY MANAGEMENT PROGRAM						
						Function: Buildings	
Provide engineering and construction services to energy management and conservation by improving efficiency and optimizing electrical demand as recommended in Innovation and Efficiency Study of the Phoenix Water Services Department.						Strategic Plan: Innovation and Efficiency	
						District: Citywide	
Construction		765,000	500,000	500,000	510,000	510,000	\$2,785,000
Design		142,000	70,000	70,000	77,500	77,500	\$437,000
Other		128,925	129,000	129,000	135,000	135,000	\$656,925
Study		34,000	40,000	40,000	45,000	45,000	\$204,000
Project total		\$1,069,925	\$739,000	\$739,000	\$767,500	\$767,500	\$4,082,925
Water		1,069,925	739,000	739,000	767,500	767,500	\$4,082,925
Funding total		\$1,069,925	\$739,000	\$739,000	\$767,500	\$767,500	\$4,082,925
WS85450022	WATER RELATED FACILITIES - MISCELLANEOUS						
						Function: Buildings	
Replace aging assets and infrastructure at water support facilities, including drainage, electrical upgrades, plumbing, roofing, fire system upgrades, security and paving improvements.						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		900,000	260,000	260,000	260,000	260,000	\$1,940,000
Design		60,000	-	-	-	-	\$60,000
Other		40,000	40,000	40,000	40,000	40,000	\$200,000
Project total		\$1,000,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,200,000
Water		1,000,000	300,000	300,000	300,000	300,000	\$2,200,000
Funding total		\$1,000,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,200,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500053	CONSTRUCTION CONTINGENCY						
Provide construction contingency for change orders, inflationary increases and other unexpected costs.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		962,000	995,909	1,000,000	1,393,045	1,000,000	\$5,350,954
Other		1,732,200	1,000,000	500,000	6,000,000	6,000,000	\$15,232,200
Project total		\$2,694,200	\$1,995,909	\$1,500,000	\$7,393,045	\$7,000,000	\$20,583,154
Other Cities' Share in Joint Ventures		1,011,500	997,954	1,005,000	961,096	-	\$3,975,550
Water		1,682,700	997,955	495,000	6,431,949	7,000,000	\$16,607,604
Funding total		\$2,694,200	\$1,995,909	\$1,500,000	\$7,393,045	\$7,000,000	\$20,583,154
WS85500135	WATER MAIN REPLACEMENT PROGRAM						
Replace or rehabilitate small diameter water mains that are approaching or have exceeded minimum service level goals.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		202,932	85,200	12,018,000	25,167,164	22,250,000	\$59,723,296
Other		948,795	577,275	1,351,275	1,480,275	1,480,275	\$5,837,895
Project total		\$1,151,727	\$662,475	\$13,369,275	\$26,647,439	\$23,730,275	\$65,561,191
Water		1,151,727	662,475	13,369,275	26,647,439	23,730,275	\$65,561,191
Funding total		\$1,151,727	\$662,475	\$13,369,275	\$26,647,439	\$23,730,275	\$65,561,191
WS85500264	LARGE TRANSMISSION MAIN REHABILITATION						
Rehabilitate large diameter water mains.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		1,030,000	3,778,810	17,944,000	11,885,650	3,300,000	\$37,938,460
Design		271,000	1,261,500	880,000	275,000	275,000	\$2,962,500
Land Acquisition		500,000	300,000	-	-	-	\$800,000
Other		338,200	150,000	185,000	75,000	65,000	\$813,200
Pre-Design		20,000	250,000	-	-	-	\$270,000
Project total		\$2,159,200	\$5,740,310	\$19,009,000	\$12,235,650	\$3,640,000	\$42,784,160
Water		2,159,200	5,740,310	19,009,000	12,235,650	3,640,000	\$42,784,160
Funding total		\$2,159,200	\$5,740,310	\$19,009,000	\$12,235,650	\$3,640,000	\$42,784,160
WS85500280	ON-CALL INSPECTION SERVICES						
Provide inspection services for water facilities constructed by developers.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Design		-	-	-	675,000	695,000	\$1,370,000
Project total		-	-	-	\$675,000	\$695,000	\$1,370,000
Water		-	-	-	675,000	695,000	\$1,370,000
Funding total		-	-	-	\$675,000	\$695,000	\$1,370,000

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500320	VALVE ASSESSMENT PROJECT						
Construct, repair and replace valves and conduct routine maintenance.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		800,000	-	-	-	-	\$800,000
Other		75,000	75,000	-	-	-	\$150,000
	Project total	\$875,000	\$75,000	-	-	-	\$950,000
Water		875,000	75,000	-	-	-	\$950,000
	Funding total	\$875,000	\$75,000	-	-	-	\$950,000
WS85500330	LIGHT RAIL NORTHWEST EXTENSION WATER RELOCATIONS						
Replace aging waterlines along the Light Rail northwest extension route.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: 3, 4 & 5	
Construction		50,000	-	-	-	2,768,333	\$2,818,333
Design		-	400,000	200,000	-	1,500,000	\$2,100,000
Other		200,000	15,000	15,000	-	180,000	\$410,000
	Project total	\$250,000	\$415,000	\$215,000	-	\$4,448,333	\$5,328,333
Nonprofit Corporation Bonds - Water		-	415,000	215,000	-	4,448,333	\$5,078,333
Water		250,000	-	-	-	-	\$250,000
	Funding total	\$250,000	\$415,000	\$215,000	-	\$4,448,333	\$5,328,333
WS85500346	WATER ANNUAL EMERGENCY REPAIR CONTRACT						
Provide for annual emergency waterline repairs.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		1,050,000	850,000	850,000	850,000	850,000	\$4,450,000
Design		240,000	-	360,000	-	-	\$600,000
Other		83,775	81,775	106,775	81,775	81,775	\$435,875
	Project total	\$1,373,775	\$931,775	\$1,316,775	\$931,775	\$931,775	\$5,485,875
Water		1,373,775	931,775	1,316,775	931,775	931,775	\$5,485,875
	Funding total	\$1,373,775	\$931,775	\$1,316,775	\$931,775	\$931,775	\$5,485,875
WS85500347	LARGE VALVE ANNUAL REPLACEMENT AND REPAIR CONTRACT						
Provide for annual replacement and repair of large water system valves.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: Citywide	
Construction		1,560,000	1,321,000	1,361,000	1,401,000	1,440,000	\$7,083,000
Design		290,000	-	467,000	-	-	\$757,000
Other		89,325	86,325	116,325	86,325	86,325	\$464,625
	Project total	\$1,939,325	\$1,407,325	\$1,944,325	\$1,487,325	\$1,526,325	\$8,304,625
Water		1,939,325	1,407,325	1,944,325	1,487,325	1,526,325	\$8,304,625
	Funding total	\$1,939,325	\$1,407,325	\$1,944,325	\$1,487,325	\$1,526,325	\$8,304,625

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500350	NORTHERN WATER DESERT VIEW IMPACT FEE INFRASTRUCTURE						
	Construct large, growth-related water infrastructure in the Desert View development impact fee area.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 2
Construction		4,197,983	500,000	500,000	500,000	500,000	\$6,197,983
Project total		\$4,197,983	\$500,000	\$500,000	\$500,000	\$500,000	\$6,197,983
Impact Fees		4,197,983	500,000	500,000	500,000	500,000	\$6,197,983
Funding total		\$4,197,983	\$500,000	\$500,000	\$500,000	\$500,000	\$6,197,983
WS85500353	SOUTHERN WATER IMPACT FEE INFRASTRUCTURE						
	Construct large, growth-related water infrastructure in the Southern development impact area.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 6, 7 & 8
Construction		19,992,969	-	-	-	-	\$19,992,969
Project total		\$19,992,969	-	-	-	-	\$19,992,969
Impact Fees		19,992,969	-	-	-	-	\$19,992,969
Funding total		\$19,992,969	-	-	-	-	\$19,992,969
WS85500377	WATER MAIN: AREA BOUNDED BY GLENDALE AVENUE AND NORTHERN AND 15TH AVENUE TO 7TH AVENUE						
	Construct 14,890 linear feet of new ductile iron pipe main, install 20 new fire hydrants and relocate 9 water meters at Glendale Avenue to Northern Avenue and 15th Avenue to 7th Avenue.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 3
Construction		2,367,833	-	-	-	-	\$2,367,833
Design		20,000	-	-	-	-	\$20,000
Other		337,000	64,500	-	-	-	\$401,500
Project total		\$2,724,833	\$64,500	-	-	-	\$2,789,333
Water		2,724,833	64,500	-	-	-	\$2,789,333
Funding total		\$2,724,833	\$64,500	-	-	-	\$2,789,333
WS85500379	TRANSMISSION MAIN INSPECTION AND ASSESSMENT						
	Inspect and assess 260 miles of 42" and larger water transmission mains.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		2,170,000	2,045,500	3,787,460	3,380,000	3,730,000	\$15,112,960
Design		800,000	3,550,000	4,393,400	-	50,000	\$8,793,400
Other		315,150	344,200	479,350	319,000	354,000	\$1,811,700
Project total		\$3,285,150	\$5,939,700	\$8,660,210	\$3,699,000	\$4,134,000	\$25,718,060
Water		3,285,150	5,939,700	8,660,210	3,699,000	4,134,000	\$25,718,060
Funding total		\$3,285,150	\$5,939,700	\$8,660,210	\$3,699,000	\$4,134,000	\$25,718,060

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500380	WATER MAIN: AREA BOUNDED BY OSBORN ROAD TO INDIAN SCHOOL ROAD AND 16TH STREET TO 20TH STREET						
							Function: Water Mains
	Construct 16,250 linear feet of new mains, install 34 fire hydrants and relocate 140 water meters at Osborn Road to Indian School Road and 16th Street to 20th Street.						Strategic Plan: Infrastructure
							District: 4
Other		300,000	-	-	-	-	\$300,000
Project total		\$300,000	-	-	-	-	\$300,000
Water		300,000	-	-	-	-	\$300,000
Funding total		\$300,000	-	-	-	-	\$300,000
WS85500386	WATER MAIN REPLACEMENT SMALL PROJECTS						
							Function: Water Mains
	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.						Strategic Plan: Infrastructure
							District: Citywide
Construction		650,000	650,000	650,000	650,000	650,000	\$3,250,000
Other		120,950	-	-	-	-	\$120,950
Project total		\$770,950	\$650,000	\$650,000	\$650,000	\$650,000	\$3,370,950
Water		770,950	650,000	650,000	650,000	650,000	\$3,370,950
Funding total		\$770,950	\$650,000	\$650,000	\$650,000	\$650,000	\$3,370,950
WS85500388	GARFIELD INFRASTRUCTURE IMPROVEMENTS						
							Function: Water Mains
	Construct 76,160 linear feet of new water mains and install new fire hydrants in the Garfield Neighborhood.						Strategic Plan: Infrastructure
							District: 7 & 8
Construction		376,579	-	-	-	-	\$376,579
Other		208,700	-	-	-	-	\$208,700
Project total		\$585,279	-	-	-	-	\$585,279
Water		585,279	-	-	-	-	\$585,279
Funding total		\$585,279	-	-	-	-	\$585,279
WS85500390	FIRE HYDRANT INSTALLATIONS						
							Function: Water Mains
	Install new and replace fire hydrants.						Strategic Plan: Infrastructure
							District: Citywide
Construction		185,000	-	-	-	-	\$185,000
Equipment		700,000	700,000	700,000	700,000	700,000	\$3,500,000
Other		1,400,000	900,000	900,000	900,000	900,000	\$5,000,000
Project total		\$2,285,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$8,685,000
Water		2,285,000	1,600,000	1,600,000	1,600,000	1,600,000	\$8,685,000
Funding total		\$2,285,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$8,685,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500395	WATER MAIN DESIGN AND RELOCATION						
Design and relocate water mains in conjunction with other city departments or outside agency projects.							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		550,000	275,000	275,000	275,000	275,000	\$1,650,000
Design		100,000	50,000	50,000	50,000	50,000	\$300,000
Equipment		200,000	100,000	100,000	100,000	100,000	\$600,000
Other		300,000	175,000	175,000	175,000	175,000	\$1,000,000
Project total		\$1,150,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,550,000
Water		1,150,000	600,000	600,000	600,000	600,000	\$3,550,000
Funding total		\$1,150,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,550,000
WS85500400	VALVE AND DEBRIS CAP INSTALLATION						
Purchase and install valves and debris caps for projects completed by other departments or agencies.							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		130,000	130,000	130,000	130,000	130,000	\$650,000
Equipment		400,000	400,000	400,000	400,000	400,000	\$2,000,000
Other		910,000	910,000	910,000	910,000	910,000	\$4,550,000
Project total		\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$7,200,000
Water		1,440,000	1,440,000	1,440,000	1,440,000	1,440,000	\$7,200,000
Funding total		\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$7,200,000
WS85500410	WATER MAIN: 24-INCH ZONE 6A						
Install 6,100 linear feet of 24-inch water main in Deer Valley Road between 64th Street and 56th Street.							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 2
Construction		-	1,617,000	-	-	-	\$1,617,000
Design		400,000	-	-	-	-	\$400,000
Other		25,000	85,000	-	-	-	\$110,000
Project total		\$425,000	\$1,702,000	-	-	-	\$2,127,000
Impact Fees		425,000	1,702,000	-	-	-	\$2,127,000
Funding total		\$425,000	\$1,702,000	-	-	-	\$2,127,000
WS85500413	WATER MAIN: 16-INCH ZONE 5E						
Install 6,600 linear feet of 16-inch water main in Cave Creek Road, southwest to Pinnacle Peak Road and east to 32nd Street.							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 2
Construction		-	-	-	1,521,000	-	\$1,521,000
Design		-	-	368,000	-	-	\$368,000
Other		-	-	30,000	70,000	-	\$100,000
Project total		-	-	\$398,000	\$1,591,000	-	\$1,989,000
Impact Fees		-	-	398,000	1,591,000	-	\$1,989,000
Funding total		-	-	\$398,000	\$1,591,000	-	\$1,989,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500414	WATER MAIN: 24-INCH ZONE 6A						
Install 10,400 linear feet of 24-inch water main in 64th Street between Pinnacle Peak Road and Deer Valley Road.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: 2	
Construction		-	-	2,757,000	-	-	\$2,757,000
Design		-	690,000	-	-	-	\$690,000
Other		-	35,000	145,000	-	-	\$180,000
Project total		-	\$725,000	\$2,902,000	-	-	\$3,627,000
Impact Fees		-	725,000	2,902,000	-	-	\$3,627,000
Funding total		-	\$725,000	\$2,902,000	-	-	\$3,627,000
WS85500416	WEST ANTHEM WATER INFRASTRUCTURE IMPROVEMENTS						
Install 7,300 linear feet of 20-inch water main from an existing 36-inch stub on the west side of I-17 northwest to existing booster station 8CP-B1.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: 1	
Construction		2,021,200	-	-	-	-	\$2,021,200
Design		202,000	-	-	-	-	\$202,000
Other		120,000	-	-	-	-	\$120,000
Pre-Design		75,000	-	-	-	-	\$75,000
Project total		\$2,418,200	-	-	-	-	\$2,418,200
Nonprofit Corporation Bonds - Water		2,198,001	-	-	-	-	\$2,198,001
Water		220,199	-	-	-	-	\$220,199
Funding total		\$2,418,200	-	-	-	-	\$2,418,200
WS85500417	WATER MAIN: 16-INCH ZONE 0						
Install 7,200 linear feet of 16-inch water main in 99th Avenue between Indian School Road and Encanto Road.						Function: Water Mains	
						Strategic Plan: Infrastructure	
						District: 5	
Construction		-	-	-	-	1,650,000	\$1,650,000
Design		-	-	-	414,000	-	\$414,000
Other		-	-	-	20,000	85,000	\$105,000
Project total		-	-	-	\$434,000	\$1,735,000	\$2,169,000
Nonprofit Corporation Bonds - Water		-	-	-	434,000	1,735,000	\$2,169,000
Funding total		-	-	-	\$434,000	\$1,735,000	\$2,169,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500418	WATER MAIN: 16-INCH PARADISE VALLEY ZONE 3C						
	Install 19,800 linear feet of 16-inch and 320 linear feet of 12-inch water mains in Paradise Valley and construct a PRV station at Shea Boulevard and Tatum Boulevard.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 3
	Construction	-	-	4,400,000	-	-	\$4,400,000
	Design	-	400,000	-	-	-	\$400,000
	Other	-	40,000	200,000	40,000	-	\$280,000
	Project total	-	\$440,000	\$4,600,000	\$40,000	-	\$5,080,000
	Water	-	440,000	4,600,000	40,000	-	\$5,080,000
	Funding total	-	\$440,000	\$4,600,000	\$40,000	-	\$5,080,000
WS85500419	WATER MAIN: 16-INCH ZONE 6B						
	Install 4,000 linear feet of 16-inch water main in Dove Valley Road between 15th Avenue and Central Avenue.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 2
	Construction	-	929,000	-	-	-	\$929,000
	Design	216,000	-	-	-	-	\$216,000
	Other	25,000	35,000	-	-	-	\$60,000
	Project total	\$241,000	\$964,000	-	-	-	\$1,205,000
	Impact Fees	241,000	964,000	-	-	-	\$1,205,000
	Funding total	\$241,000	\$964,000	-	-	-	\$1,205,000
WS85500420	WATER MAIN: 16-INCH ZONE 6A						
	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.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 2
	Construction	-	-	-	1,997,000	-	\$1,997,000
	Design	-	-	494,000	-	-	\$494,000
	Other	-	-	30,000	100,000	-	\$130,000
	Project total	-	-	\$524,000	\$2,097,000	-	\$2,621,000
	Impact Fees	-	-	524,000	2,097,000	-	\$2,621,000
	Funding total	-	-	\$524,000	\$2,097,000	-	\$2,621,000
WS85500422	SCENARIO 6 TRANSMISSION MAIN IMPROVEMENTS						
	Install 3,400 linear feet of 42-inch water transmission main at Cortez Park (QS 27-21).						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 1
	Other	130,625	-	-	-	-	\$130,625
	Project total	\$130,625	-	-	-	-	\$130,625
	Water	130,625	-	-	-	-	\$130,625
	Funding total	\$130,625	-	-	-	-	\$130,625

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500423	SCENARIO 16A TRANSMISSION MAIN REHABILITATION						
	Rehabilitate 8,500 linear feet of 60-inch water main from booster station 1B-3 to Superior Avenue at 40th Street and 1,500 linear feet from 36th Street at Elwood under I -10 to Wood Street.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 8
Construction		6,450,000	-	-	2,000,000	-	\$8,450,000
Design		-	-	100,000	350,000	100,000	\$550,000
Other		164,000	15,000	30,000	99,000	30,000	\$338,000
Pre-Design		-	-	30,000	-	30,000	\$60,000
Project total		\$6,614,000	\$15,000	\$160,000	\$2,449,000	\$160,000	\$9,398,000
Water		6,614,000	15,000	160,000	2,449,000	160,000	\$9,398,000
Funding total		\$6,614,000	\$15,000	\$160,000	\$2,449,000	\$160,000	\$9,398,000
WS85500426	WAREHOUSE DISTRICT IMPROVEMENT (ECONOMIC DEVELOPMENT SUPPORT PROJECT)						
	Add and replace small diameter water mains to support revitalization of the Warehouse District.						
							Function: Water Mains
							Strategic Plan: Economic Development and Education
							District: 8
Construction		621,550	-	-	-	-	\$621,550
Other		80,000	-	-	-	-	\$80,000
Project total		\$701,550	-	-	-	-	\$701,550
Water		701,550	-	-	-	-	\$701,550
Funding total		\$701,550	-	-	-	-	\$701,550
WS85500437	VAL VISTA TRANSMISSION MAIN REHABILITATION						
	Rehabilitate 9,185 linear feet of Prestressed Concrete Cylinder Pipe.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	8,750,000	8,750,000	-	-	\$17,500,000
Design		1,500,000	-	-	-	-	\$1,500,000
Other		75,000	90,000	90,000	10,000	-	\$265,000
Pre-Design		175,000	-	-	-	-	\$175,000
Project total		\$1,750,000	\$8,840,000	\$8,840,000	\$10,000	-	\$19,440,000
Water		1,750,000	8,840,000	8,840,000	10,000	-	\$19,440,000
Funding total		\$1,750,000	\$8,840,000	\$8,840,000	\$10,000	-	\$19,440,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85500438	VAL VISTA TRANSMISSION MAIN REHABILITATION						
	Rehabilitate 12,234 linear feet of Prestressed Concrete Cylinder Pipe.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	-	-	8,750,000	\$8,750,000
Design		-	-	-	1,500,000	-	\$1,500,000
Other		-	-	-	75,000	90,000	\$165,000
Pre-Design		-	-	-	175,000	-	\$175,000
Project total		-	-	-	\$1,750,000	\$8,840,000	\$10,590,000
Water		-	-	-	1,750,000	8,840,000	\$10,590,000
Funding total		-	-	-	\$1,750,000	\$8,840,000	\$10,590,000
WS85500441	WATER MAIN: 12-INCH ZONE 3S						
	Install 7,200 linear feet of 12-inch water main along Dobbins from 7th Street to 16th Street.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 8
Construction		-	-	1,790,755	-	-	\$1,790,755
Design		-	214,891	214,891	-	-	\$429,782
Other		-	20,000	69,538	-	-	\$89,538
Project total		-	\$234,891	\$2,075,184	-	-	\$2,310,075
Nonprofit Corporation Bonds - Water		-	234,891	2,075,184	-	-	\$2,310,075
Funding total		-	\$234,891	\$2,075,184	-	-	\$2,310,075
WS85500443	THOMAS ROAD TRANSMISSION MAIN REHABILITATION						
	Rehabilitate 17,000 linear feet of 36-inch and 45-inch water main in Thomas Road between 44th Street and 64th Street.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 6
Construction		6,500,000	-	-	-	-	\$6,500,000
Design		500,000	-	-	-	-	\$500,000
Other		50,000	-	-	-	-	\$50,000
Project total		\$7,050,000	-	-	-	-	\$7,050,000
Water		7,050,000	-	-	-	-	\$7,050,000
Funding total		\$7,050,000	-	-	-	-	\$7,050,000
WS85500444	VAL VISTA SCOPING ANALYSIS						
	Analyze rehabilitation of the Val Vista transmission main (approximately 29,000 linear feet) and rescope the work into 5,000 to 6,000 linear feet segments.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Design		45,000	-	-	-	-	\$45,000
Project total		\$45,000	-	-	-	-	\$45,000
Water		45,000	-	-	-	-	\$45,000
Funding total		\$45,000	-	-	-	-	\$45,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85501000	WATER SERVICES						
	Provide for staff time and materials to install new services and meters.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Equipment		600,000	650,000	700,000	750,000	750,000	\$3,450,000
Other		1,100,000	1,150,000	1,200,000	1,250,000	1,250,000	\$5,950,000
Project total		\$1,700,000	\$1,800,000	\$1,900,000	\$2,000,000	\$2,000,000	\$9,400,000
Water		1,700,000	1,800,000	1,900,000	2,000,000	2,000,000	\$9,400,000
Funding total		\$1,700,000	\$1,800,000	\$1,900,000	\$2,000,000	\$2,000,000	\$9,400,000
WS85502000	WATER SERVICES - RELOCATE/EXTEND						
	Extend or relocate existing water services.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Construction		100,000	100,000	100,000	100,000	100,000	\$500,000
Equipment		125,000	125,000	125,000	125,000	125,000	\$625,000
Other		125,000	125,000	125,000	125,000	125,000	\$625,000
Project total		\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
Water		350,000	350,000	350,000	350,000	350,000	\$1,750,000
Funding total		\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
WS85509001	WATER MAIN: AREA BOUNDED BY MARICOPA FREEWAY TO BUCKEYE ROAD AND 7TH AVENUE TO CENTRAL AVENUE						
	Install 20,960 linear feet of water mains and 32 fire hydrants.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 8
Construction		3,744,906	-	-	-	-	\$3,744,906
Other		475,000	-	-	-	-	\$475,000
Project total		\$4,219,906	-	-	-	-	\$4,219,906
Water		4,219,906	-	-	-	-	\$4,219,906
Funding total		\$4,219,906	-	-	-	-	\$4,219,906
WS85509002	WATER MAIN: AREA BOUNDED BY MOUNTAIN VIEW ROAD TO PEORIA AVENUE AND 15TH AVENUE TO 7TH AVENUE						
	Install 18,810 linear feet of water mains, relocate 140 meters and install 40 fire hydrants.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 3
Construction		3,787,000	-	-	-	-	\$3,787,000
Other		374,500	112,600	-	-	-	\$487,100
Project total		\$4,161,500	\$112,600	-	-	-	\$4,274,100
Water		4,161,500	112,600	-	-	-	\$4,274,100
Funding total		\$4,161,500	\$112,600	-	-	-	\$4,274,100

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509003	WATER MAIN: AREA BOUNDED BY HARRISON STREET TO VAN BUREN STREET AND 31ST AVENUE TO 27TH AVENUE						
							Function: Water Mains
	Install 20,840 linear feet of water mains, relocate 359 meters and install 34 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
	Construction	3,015,806	-	-	-	-	\$3,015,806
	Other	492,000	-	-	-	-	\$492,000
	Project total	\$3,507,806	-	-	-	-	\$3,507,806
	Water	3,507,806	-	-	-	-	\$3,507,806
	Funding total	\$3,507,806	-	-	-	-	\$3,507,806
WS85509004	WATER MAIN: AREA BOUNDED BY ROESER ROAD TO BROADWAY ROAD AND 19TH AVENUE TO 15TH AVENUE						
							Function: Water Mains
	Install 16,850 linear feet of water mains, relocate 478 meters and install 24 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
	Construction	840,000	-	-	-	-	\$840,000
	Other	494,500	-	-	-	-	\$494,500
	Project total	\$1,334,500	-	-	-	-	\$1,334,500
	Water	1,334,500	-	-	-	-	\$1,334,500
	Funding total	\$1,334,500	-	-	-	-	\$1,334,500
WS85509005	WATER MAIN: AREA BOUNDED BY MISSOURI AVENUE TO BETHANY HOME ROAD AND 20TH STREET TO 24TH STREET						
							Function: Water Mains
	Install 13,590 linear feet of water mains and 18 fire hydrants.						Strategic Plan: Infrastructure
							District: 6
	Other	320,000	-	-	-	-	\$320,000
	Project total	\$320,000	-	-	-	-	\$320,000
	Water	320,000	-	-	-	-	\$320,000
	Funding total	\$320,000	-	-	-	-	\$320,000
WS85509006	WATER MAIN: AREA BOUNDED BY LOWER BUCKEYE ROAD TO MARICOPA FREEWAY AND 7TH AVENUE TO CENTRAL AVENUE						
							Function: Water Mains
	Install 4,310 linear feet of water mains, relocate 16 meters and install 9 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
	Other	90,000	-	-	-	-	\$90,000
	Project total	\$90,000	-	-	-	-	\$90,000
	Water	90,000	-	-	-	-	\$90,000
	Funding total	\$90,000	-	-	-	-	\$90,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509007	WATER MAIN: AREA BOUNDED BY MCDOWELL ROAD TO OAK STREET AND 16TH STREET TO 20TH STREET						
							Function: Water Mains
	Install 21,640 linear feet of water mains, relocate 119 meters and install 25 fire hydrants.						Strategic Plan: Infrastructure
							District: 4
	Construction	3,580,000	-	-	-	-	\$3,580,000
	Other	449,650	-	-	-	-	\$449,650
	Project total	\$4,029,650	-	-	-	-	\$4,029,650
	Water	4,029,650	-	-	-	-	\$4,029,650
	Funding total	\$4,029,650	-	-	-	-	\$4,029,650
WS85509008	WATER MAIN: AREA BOUNDED BY MOUNTAIN VIEW ROAD TO SHEA BOULEVARD AND 32ND STREET TO 36TH STREET						
							Function: Water Mains
	Install 10,400 linear feet of water mains, relocate 188 meters and install 16 fire hydrants.						Strategic Plan: Infrastructure
							District: 3
	Construction	-	-	-	2,019,736	-	\$2,019,736
	Design	-	-	140,000	-	-	\$140,000
	Other	-	-	18,000	163,100	100,000	\$281,100
	Project total	-	-	\$158,000	\$2,182,836	\$100,000	\$2,440,836
	Water	-	-	158,000	2,182,836	100,000	\$2,440,836
	Funding total	-	-	\$158,000	\$2,182,836	\$100,000	\$2,440,836
WS85509009	WATER MAIN: AREA BOUNDED BY SOUTHERN AVENUE TO ROESER ROAD AND 15TH AVENUE TO 7TH AVENUE						
							Function: Water Mains
	Install 14,120 linear feet of water mains, relocate 208 meters and install 27 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
	Construction	-	3,460,000	-	-	-	\$3,460,000
	Design	275,000	-	-	-	-	\$275,000
	Other	43,800	488,700	-	-	-	\$532,500
	Project total	\$318,800	\$3,948,700	-	-	-	\$4,267,500
	Water	318,800	3,948,700	-	-	-	\$4,267,500
	Funding total	\$318,800	\$3,948,700	-	-	-	\$4,267,500

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509010	WATER MAIN: AREA BOUNDED BY THOMAS ROAD TO OSBORN ROAD AND 24TH STREET TO 28TH STREET						
							Function: Water Mains
	Install 17,120 linear feet of water mains, relocate 45 meters and install 31 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
Construction		-	4,104,000	-	-	-	\$4,104,000
Design		380,000	-	-	-	-	\$380,000
Other		48,800	564,500	-	-	-	\$613,300
Project total		\$428,800	\$4,668,500	-	-	-	\$5,097,300
Water		428,800	4,668,500	-	-	-	\$5,097,300
Funding total		\$428,800	\$4,668,500	-	-	-	\$5,097,300
WS85509011	WATER MAIN: AREA BOUNDED BY GLENDALE AVENUE TO ORANGEWOOD AVENUE AND 12TH STREET TO 16TH STREET						
							Function: Water Mains
	Install 10,440 linear feet of water mains, relocate 21 meters and install 35 fire hydrants.						Strategic Plan: Infrastructure
							District: 6
Construction		3,165,000	-	-	-	-	\$3,165,000
Other		210,860	225,800	-	-	-	\$436,660
Project total		\$3,375,860	\$225,800	-	-	-	\$3,601,660
Water		3,375,860	225,800	-	-	-	\$3,601,660
Funding total		\$3,375,860	\$225,800	-	-	-	\$3,601,660
WS85509012	WATER MAIN: AREA BOUNDED BY HARRISON STREET TO VAN BUREN STREET AND 12TH STREET TO 16TH STREET						
							Function: Water Mains
	Install 14,930 linear feet of water mains and 16 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
Construction		-	3,451,000	-	-	-	\$3,451,000
Design		340,000	-	-	-	-	\$340,000
Other		29,000	472,000	-	-	-	\$501,000
Project total		\$369,000	\$3,923,000	-	-	-	\$4,292,000
Water		369,000	3,923,000	-	-	-	\$4,292,000
Funding total		\$369,000	\$3,923,000	-	-	-	\$4,292,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509013	WATER MAIN: AREA BOUNDED BY MARYLAND AVENUE TO GLENDALE AVENUE AND 16TH STREET TO 20TH STREET						
							Function: Water Mains
	Install 11,460 linear feet of water mains, 25 fire hydrants and 25 meter relocations.						Strategic Plan: Infrastructure
							District: 6
	Construction	-	2,341,000	-	-	-	\$2,341,000
	Design	220,000	-	-	-	-	\$220,000
	Other	23,000	294,500	-	-	-	\$317,500
	Project total	\$243,000	\$2,635,500	-	-	-	\$2,878,500
	Water	243,000	2,635,500	-	-	-	\$2,878,500
	Funding total	\$243,000	\$2,635,500	-	-	-	\$2,878,500
WS85509014	WATER MAIN: AREA BOUNDED BY SOUTHERN AVENUE TO ROESER ROAD AND 7TH AVENUE TO CENTRAL AVENUE						
							Function: Water Mains
	Install 13,990 linear feet of water mains, 19 fire hydrants and 137 meter relocations.						Strategic Plan: Infrastructure
							District: 7
	Construction	-	3,103,000	-	-	-	\$3,103,000
	Design	265,000	-	-	-	-	\$265,000
	Other	23,000	434,000	-	-	-	\$457,000
	Project total	\$288,000	\$3,537,000	-	-	-	\$3,825,000
	Water	288,000	3,537,000	-	-	-	\$3,825,000
	Funding total	\$288,000	\$3,537,000	-	-	-	\$3,825,000
WS85509015	WATER MAIN: AREA BOUNDED BY CAMELBACK ROAD TO MISSOURI AVENUE AND 12TH STREET TO 16TH STREET						
							Function: Water Mains
	Install 9,040 linear feet of water mains, 10 fire hydrants and 154 meter relocations.						Strategic Plan: Infrastructure
							District: 6
	Construction	-	2,730,000	-	-	-	\$2,730,000
	Design	230,000	-	-	-	-	\$230,000
	Other	44,930	417,000	-	-	-	\$461,930
	Project total	\$274,930	\$3,147,000	-	-	-	\$3,421,930
	Water	274,930	3,147,000	-	-	-	\$3,421,930
	Funding total	\$274,930	\$3,147,000	-	-	-	\$3,421,930

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509016	WATER MAIN: AREA BOUNDED BY BETHANY HOME ROAD TO MARYLAND AVENUE AND 7TH STREET TO 12TH STREET						
	Install 28,070 linear feet of water mains and 52 fire hydrants.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 6
Construction		-	-	4,760,000	-	-	\$4,760,000
Design		480,000	-	-	-	-	\$480,000
Other		35,000	-	673,000	-	-	\$708,000
Project total		\$515,000	-	\$5,433,000	-	-	\$5,948,000
Water		515,000	-	5,433,000	-	-	\$5,948,000
Funding total		\$515,000	-	\$5,433,000	-	-	\$5,948,000
WS85509017	WATER MAIN: AREA BOUNDED BY DEER VALLEY ROAD TO WILLIAMS DRIVE AND 31ST AVENUE TO 27TH AVENUE						
	Install 6,900 linear feet of water mains, 20 fire hydrants and 25 meter relocations.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 1
Construction		1,332,000	-	-	-	-	\$1,332,000
Design		-	170,000	-	-	-	\$170,000
Other		173,000	-	-	-	-	\$173,000
Project total		\$1,505,000	\$170,000	-	-	-	\$1,675,000
Water		1,505,000	170,000	-	-	-	\$1,675,000
Funding total		\$1,505,000	\$170,000	-	-	-	\$1,675,000
WS85509018	WATER MAIN: AREA BOUNDED BY MARICOPA FREEWAY TO BUCKEYE ROAD AND 19TH AVENUE TO 15TH AVENUE						
	Install 24,100 linear feet of water mains, 45 fire hydrants and 36 meter relocations.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 8
Construction		-	4,420,000	-	-	-	\$4,420,000
Design		400,000	-	-	-	-	\$400,000
Other		36,000	593,000	-	-	-	\$629,000
Project total		\$436,000	\$5,013,000	-	-	-	\$5,449,000
Water		436,000	5,013,000	-	-	-	\$5,449,000
Funding total		\$436,000	\$5,013,000	-	-	-	\$5,449,000

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509019	WATER MAIN: AREA BOUNDED BY BROADWAY ROAD TO ELWOOD STREET AND 7TH STREET TO 12TH STREET						
	Install 5,110 linear feet of water mains and 24 fire hydrants.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 8
Construction		2,666,000	-	-	-	-	\$2,666,000
Other		226,600	149,350	-	-	-	\$375,950
Project total		\$2,892,600	\$149,350	-	-	-	\$3,041,950
Water		2,892,600	149,350	-	-	-	\$3,041,950
Funding total		\$2,892,600	\$149,350	-	-	-	\$3,041,950
WS85509021	WATER MAIN: AREA BOUNDED BY DURANGO STREET TO BUCKEYE ROAD AND 31ST AVENUE TO 27TH AVENUE						
	Replace or rehabilitate water mains in the area bounded by Durango Street to Buckeye Road and 31st Avenue to 27th Avenue.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 7
Construction		-	2,350,000	-	-	-	\$2,350,000
Design		230,000	-	-	-	-	\$230,000
Other		18,000	312,500	-	-	-	\$330,500
Project total		\$248,000	\$2,662,500	-	-	-	\$2,910,500
Water		248,000	2,662,500	-	-	-	\$2,910,500
Funding total		\$248,000	\$2,662,500	-	-	-	\$2,910,500
WS85509022	WATER MAIN: AREA BOUNDED BY ENCANTO BOULEVARD TO THOMAS ROAD AND 59TH AVENUE TO 55TH AVENUE						
	Replace or rehabilitate water mains in the area bounded by Encanto Boulevard to Thomas Road and 59th Avenue to 55th Avenue.						
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: 4
Construction		-	-	2,000,000	-	-	\$2,000,000
Design		-	200,000	-	-	-	\$200,000
Other		-	20,000	240,000	-	-	\$260,000
Project total		-	\$220,000	\$2,240,000	-	-	\$2,460,000
Water		-	220,000	2,240,000	-	-	\$2,460,000
Funding total		-	\$220,000	\$2,240,000	-	-	\$2,460,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509023	WATER MAIN: AREA BOUNDED BY CAMELBACK ROAD TO MISSOURI AVENUE AND 19TH AVENUE TO 15TH AVENUE						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Camelback Road to Missouri Avenue and 19th Avenue to 15th Avenue.						Strategic Plan: Infrastructure
							District: 4
	Construction	-	-	2,000,000	-	-	\$2,000,000
	Design	-	200,000	-	-	-	\$200,000
	Other	-	20,000	240,000	-	-	\$260,000
	Project total	-	\$220,000	\$2,240,000	-	-	\$2,460,000
	Water	-	220,000	2,240,000	-	-	\$2,460,000
	Funding total	-	\$220,000	\$2,240,000	-	-	\$2,460,000
WS85509024	WATER MAIN: AREA BOUNDED BY GROVERS AVENUE TO UNION HILLS DRIVE AND 7TH AVENUE TO CENTRAL AVENUE						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Grovers Avenue to Union Hills Drive and 7th Avenue to Central Avenue.						Strategic Plan: Infrastructure
							District: 3
	Construction	-	-	2,000,000	-	-	\$2,000,000
	Design	-	200,000	-	-	-	\$200,000
	Other	-	20,000	240,000	-	-	\$260,000
	Project total	-	\$220,000	\$2,240,000	-	-	\$2,460,000
	Water	-	220,000	2,240,000	-	-	\$2,460,000
	Funding total	-	\$220,000	\$2,240,000	-	-	\$2,460,000
WS85509025	WATER MAIN: AREA BOUNDED BY DURANGO STREET TO BUCKEYE ROAD AND 27TH AVENUE TO 23RD AVENUE						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Durango Street to Buckeye Road and 27th Avenue to 23rd Avenue.						Strategic Plan: Infrastructure
							District: 7
	Construction	-	-	1,750,000	-	-	\$1,750,000
	Design	-	190,000	-	-	-	\$190,000
	Other	-	20,000	210,000	-	-	\$230,000
	Project total	-	\$210,000	\$1,960,000	-	-	\$2,170,000
	Water	-	210,000	1,960,000	-	-	\$2,170,000
	Funding total	-	\$210,000	\$1,960,000	-	-	\$2,170,000

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Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85509026	WATER MAIN: AREA BOUNDED BY HARRISON STREET TO VAN BUREN STREET AND 24TH STREET TO 28TH STREET						
							Function: Water Mains
	Replace or rehabilitate water mains in the area bounded by Harrison Street to Van Buren Street and 24th Street to 28th Street.						Strategic Plan: Infrastructure
							District: 8
Construction		-	-	3,500,000	-	-	\$3,500,000
Design		-	280,000	-	-	-	\$280,000
Other		-	20,000	340,000	-	-	\$360,000
Project total		-	\$300,000	\$3,840,000	-	-	\$4,140,000
Water		-	300,000	3,840,000	-	-	\$4,140,000
Funding total		-	\$300,000	\$3,840,000	-	-	\$4,140,000
WS85509027	WATER MAIN: AREA BOUNDED BY AIR LANE TO WASHINGTON STREET/28TH STREET TO 41ST STREET						
							Function: Water Mains
	Install 11,680 linear feet of water main, 24 fire hydrants, cap ten abandoned pipelines and replace 478 services taps utilizing the existing meters and meter boxes.						Strategic Plan: Infrastructure
							District: 8
Construction		1,800,000	-	-	-	-	\$1,800,000
Other		218,000	-	-	-	-	\$218,000
Project total		\$2,018,000	-	-	-	-	\$2,018,000
Water		2,018,000	-	-	-	-	\$2,018,000
Funding total		\$2,018,000	-	-	-	-	\$2,018,000
WS85660015	RECORDS MANAGEMENT AND FACILITIES RECORD SYSTEM UPGRADE						
							Function: Automation
	Construct record storage systems to consolidate, maintain and secure construction documents and Operations and Maintenance (O&M) manuals (final deliverables) for facilities.						Strategic Plan: Infrastructure
							District: Citywide
Equipment		400,000	-	-	-	-	\$400,000
Project total		\$400,000	-	-	-	-	\$400,000
Water		400,000	-	-	-	-	\$400,000
Funding total		\$400,000	-	-	-	-	\$400,000
WS85660024	AUTOMATIC METER READING SYSTEM						
							Function: Automation
	Acquire and install software, hardware and transmitter devices for water meters throughout the City.						Strategic Plan: Infrastructure
							District: Citywide
Equipment		2,410,906	-	-	-	-	\$2,410,906
Project total		\$2,410,906	-	-	-	-	\$2,410,906
Water		2,410,906	-	-	-	-	\$2,410,906
Funding total		\$2,410,906	-	-	-	-	\$2,410,906

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Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS85660037	WORK ORDER AND ASSET MANAGEMENT (WAM)						
Install and configure a computer maintenance management system to document assets and track the associated maintenance activities.							
							Function: Automation
							Strategic Plan: Technology
							District: Citywide
Design		403,376	-	-	-	-	\$403,376
Equipment		255,600	-	-	-	-	\$255,600
Project total		\$658,976	-	-	-	-	\$658,976
Water		658,976	-	-	-	-	\$658,976
Funding total		\$658,976	-	-	-	-	\$658,976
WS85660041	CUSTOMER CARE AND BILLING (CC&B) SYSTEM UPGRADE						
Upgrade the city's utility billing system (CC&B) to optimize business processes.							
							Function: Automation
							Strategic Plan: Infrastructure
							District: Citywide
Design		2,335,800	-	-	-	-	\$2,335,800
Equipment		1,141,197	-	-	-	-	\$1,141,197
Other		2,461,889	-	-	-	-	\$2,461,889
Project total		\$5,938,886	-	-	-	-	\$5,938,886
Solid Waste		1,841,055	-	-	-	-	\$1,841,055
Wastewater		1,959,832	-	-	-	-	\$1,959,832
Water		2,137,999	-	-	-	-	\$2,137,999
Funding total		\$5,938,886	-	-	-	-	\$5,938,886
WS85700060	REMOTE TELEMETRY UPGRADE						
Upgrade the Water Services Remote Telemetry and Control System.							
							Function: Water System Studies
							Strategic Plan: Technology
							District: Citywide
Design		-	-	-	3,429,400	-	\$3,429,400
Other		-	-	-	300,000	-	\$300,000
Project total		-	-	-	\$3,729,400	-	\$3,729,400
Water		-	-	-	3,729,400	-	\$3,729,400
Funding total		-	-	-	\$3,729,400	-	\$3,729,400
WS85710001	WATER RESILIENCY PROGRAM						
Provide funding to miscellaneous projects to ensure adequate water supplies to our customers during times of shortage or drought.							
							Function: Water Resiliency
							Strategic Plan: Sustainability
							District: Citywide
Construction		7,949,820	4,000,000	4,000,000	5,000,000	5,000,000	\$25,949,820
Project total		\$7,949,820	\$4,000,000	\$4,000,000	\$5,000,000	\$5,000,000	\$25,949,820
Water		7,949,820	4,000,000	4,000,000	5,000,000	5,000,000	\$25,949,820
Funding total		\$7,949,820	\$4,000,000	\$4,000,000	\$5,000,000	\$5,000,000	\$25,949,820

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
WS8580007	REAL TIME WATER QUALITY MONITORING						
Study and implement real time monitoring upgrades to monitor water quality in canals and the distribution system.							
							Function: Security
							Strategic Plan: Technology
							District: Citywide
Design		125,000	150,000	150,000	150,000	150,000	\$725,000
Equipment		25,000	25,000	25,000	25,000	25,000	\$125,000
Other		55,000	55,000	55,000	5,000	5,000	\$175,000
Study		50,000	25,000	25,000	25,000	25,000	\$150,000
	Project total	\$255,000	\$255,000	\$255,000	\$205,000	\$205,000	\$1,175,000
Water		255,000	255,000	255,000	205,000	205,000	\$1,175,000
	Funding total	\$255,000	\$255,000	\$255,000	\$205,000	\$205,000	\$1,175,000
AR84850012	CONNECTED OASIS PERCENT FOR ART						
Develop plans and art projects for streetscapes, transit links and open spaces that help achieve the City's goal of a connected oasis downtown.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7 & 8
Study		56,740	-	-	-	-	\$56,740
	Project total	\$56,740	-	-	-	-	\$56,740
Nonprofit Corporation Bonds - Wastewater		16,335	-	-	-	-	\$16,335
Nonprofit Corporation Bonds - Water		405	-	-	-	-	\$405
Wastewater		40,000	-	-	-	-	\$40,000
	Funding total	\$56,740	-	-	-	-	\$56,740
AR84850013	WATER PUBLIC ART PLAN PERCENT FOR ART						
Develop a master plan for water-related public art projects citywide.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Study		14,942	-	-	-	-	\$14,942
	Project total	\$14,942	-	-	-	-	\$14,942
Nonprofit Corporation Bonds - Wastewater		14,942	-	-	-	-	\$14,942
	Funding total	\$14,942	-	-	-	-	\$14,942
AR84850018	WALL ART AT DEER VALLEY WATER TREATMENT PLANT PERCENT FOR ART						
Install wall enhancements, landscaping and transit shelters along the Dunlap Avenue side of the Deer Valley Water Treatment Plant.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 1
Construction		207,146	-	-	-	-	\$207,146
	Project total	\$207,146	-	-	-	-	\$207,146
Arizona Highway User Revenue		30,000	-	-	-	-	\$30,000
Nonprofit Corporation Bonds - Water		177,146	-	-	-	-	\$177,146
	Funding total	\$207,146	-	-	-	-	\$207,146

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR84850019	ARIZONA FALLS REFURBISHMENT PERCENT FOR ART						
	Refurbish deteriorating fencing, drainage and security lighting at Arizona Falls located near 56th Street and Indian School Road.						
							District: 6
	Construction	30,130	-	-	-	-	\$30,130
	Project total	\$30,130	-	-	-	-	\$30,130
	Water	30,130	-	-	-	-	\$30,130
	Funding total	\$30,130	-	-	-	-	\$30,130
AR84850023	32ND STREET RETROFIT AND GRAND CANAL PERCENT FOR ART						
	Design and construct trail enhancements to mark the Grand Canal crossings at 32nd Street and 44th Street.						
							District: 8
	Construction	-	-	-	-	50,000	\$50,000
	Project total	-	-	-	-	\$50,000	\$50,000
	2006 Street and Storm Sewer Improvements Bonds	-	-	-	-	50,000	\$50,000
	Funding total	-	-	-	-	\$50,000	\$50,000
AR84850025	GIMME SHELTER URBAN SHADE PERCENT FOR ART						
	Fabricate shade structures and landscape enhancements along Pierce Street in downtown Phoenix.						
							District: 7 & 8
	Construction	27,604	-	-	-	-	\$27,604
	Project total	\$27,604	-	-	-	-	\$27,604
	Arizona Highway User Revenue	15,000	-	-	-	-	\$15,000
	Nonprofit Corporation Bonds - Water	12,604	-	-	-	-	\$12,604
	Funding total	\$27,604	-	-	-	-	\$27,604
AR84850026	PUEBLO GRANDE ENTRANCE AND STREETSCAPE PERCENT FOR ART						
	Construct a new entrance and streetscape to improve connectivity to the light rail stop at 44th Street and Washington Street.						
							District: 8
	Estimated full-year ongoing operating costs:	\$40,245					
	Construction	176,743	-	-	-	-	\$176,743
	Project total	\$176,743	-	-	-	-	\$176,743
	2006 Parks and Open Spaces Bonds	22,295	-	-	-	-	\$22,295
	Nonprofit Corporation Bonds - Water	10,659	-	-	-	-	\$10,659
	Water	143,789	-	-	-	-	\$143,789
	Funding total	\$176,743	-	-	-	-	\$176,743

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Water

Project No.	Project Title	2016-17	2017-18	2018-19	2019-20	2020-21	Total
AR84850027	COMMUNITY WATER FACILITIES ENHANCEMENT PERCENT FOR ART						
	Commission Arizona Artists to enhance new and upgraded water facilities and the street frontage of the facilities.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Construction		13,160	75,000	-	-	-	\$88,160
Project total		\$13,160	\$75,000	-	-	-	\$88,160
Water		13,160	75,000	-	-	-	\$88,160
Funding total		\$13,160	\$75,000	-	-	-	\$88,160
AR84850028	WASHINGTON PARK TENNIS CENTER PERCENT FOR ART						
	Design and install enhancements to improve access and visibility at Washington Park Tennis Center located at 6330 North 21st Avenue.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 5
Construction		43,900	-	-	-	-	\$43,900
Project total		\$43,900	-	-	-	-	\$43,900
Water		43,900	-	-	-	-	\$43,900
Funding total		\$43,900	-	-	-	-	\$43,900

Fund Legend



City of Phoenix

FUND LEGEND

OPERATING FUNDS

Operating fund resources are derived from ongoing revenue sources. Operating funds may be used to finance operating expenditures and “pay-as-you-go” capital improvement projects.

General Funds – These funds are supported by taxes and fees. The use of these funds is not restricted.

- General (Fund 0001)
- General – Library (Fund 0002)

Neighborhood Protection – This fund accounts for all revenues and expenditures associated with the Fire Neighborhood Protection Program funded by 25% of a 0.1% local sales tax rate authorized by the voters on October 5, 1993.

- Neighborhood Protection Program – Fire (Fund 1344)

Public Safety Expansion – This fund is used to account for the Fire share of a 2.0% increment of the 2.7% privilege license (sales) tax on utilities with franchise agreements.

- Public Safety Expansion – Fire (Fund 1433)

Public Safety Enhancement – This fund is used to account for the Fire share of a 0.2% privilege sales tax rate increase related to Proposition 1.

- Public Safety Enhancement – Fire (Fund 1374)

Parks and Preserves – This fund is restricted to the purchase of land for the Sonoran Desert Preserve and to the development, improvement and maintenance of regional and neighborhood parks and recreational facilities. It is supported by a 0.1% sales tax.

- Parks and Preserves – 60% Share (Fund 1022)
- Parks and Preserves – Mountain and Desert Preserves – 40% Share (Fund 1437)

Transit 2000 – This fund is restricted to public transportation purposes and is supported by a 0.4% sales tax.

- Transit 2000 – Participation Light Rail – Non-Billable (Fund 1311)

Transportation 2050 – This fund is restricted to public transportation purposes and is supported by a 0.7% sales tax, a 0.3% increase to the Transit 2000 sales tax.

- Transportation 2050 – Transit (Fund 2050)
- Transportation 2050 – Streets (Fund 2051)

Court Awards – Fund resources are received from Federal Courts and State Courts.

- Court Awards (Fund 0025)

Development Services – Fund resources are derived from ongoing Development Services operations.

- Development Services Revenue (Fund 0012)

Capital Construction – This fund is restricted to projects to mitigate flooding and dust and to improve neighborhood infrastructure to modern standards. This fund is supported by a 2% sales tax on telecommunication services.

- Capital Construction (Fund 1021)

Sports Facilities – This fund accounts for revenues that include a 1% hotel/motel tax and a 2% short-term vehicle rental tax.

- Sports Facilities (Fund 0024)

Arizona Highway User Revenue (AHUR) – Resources of this fund are derived from gas tax and vehicle licensing fees imposed and collected by the State of Arizona and shared with cities and towns. AHUR must be used for street or highway purposes.

- Arizona Highway User Revenue (Fund 0007)

Regional Transit – This fund is restricted to public transportation purposes. This fund is supported by a countywide 0.5% sales tax.

- Regional Transportation Plan (Fund 1389)

Community Reinvestment – This fund is restricted to business development projects in a specified district or area. It is supported by payments received pursuant to development agreements.

- Community Reinvestment – Downtown (Fund 0291)

Community Development – Community Development Block Grant (CDBG) funds are allocated by the federal government to the City of Phoenix for the prevention and removal of slum and blight.

- Community Development Block Grant – 2008 (Fund 2008)
- Community Development Block Grant – 2014 (Fund 2014)
- Community Development Block Grant – 2015 (Fund 2015)
- Community Development Block Grant – 2016 (Fund 2016)

Other Restricted Funds – This is a combination of funds used to segregate restricted revenues, receipts and contributions received in small amounts, which are earmarked for restricted purposes.

- Other Restricted – Affordable Housing – Administration (Fund 0240)
- Other Restricted – CAD System Maintenance (Fund 1428)

- Other Restricted – Carver Museum Exterior Project (Fund 1470)
- Other Restricted – Federal Transit Administration (FTA) Asset Disposals (Fund 1784)
- Other Restricted – Genomics Facilities Operations and Maintenance (Fund 1371)
- Other Restricted – Parks Monopole (Fund 1343)
- Other Restricted – Public Transit Building (Fund 1783)
- Other Restricted – Public Works Environmental Program (Fund 1395)
- Other Restricted – Public Works Fleet Fuel Costs and Infrastructure (Fund 1499)
- Other Restricted – Strategic Economic Development Fund (Fund 3291)
- Other Restricted – Storm Water Management Fee (Fund 1452)

Operating Grants – Grant funds that may be used for either pay-as-you-go capital or operating purposes. Operating grants may be used for capital projects that meet the criteria of the granting agencies.

- Operating Grant – 2009 American Recovery and Reinvestment Act (ARRA) – Neighborhood Stabilization Program 2 (Fund 1604)
- Operating Grant – Federal and State Grant Trust (Fund 0011)
- Operating Grant – Fillmore Gardens Operating (Fund 0086)
- Operating Grant – FTA (Fund 48320)
- Operating Grant – FTA (Fund 48330)
- Operating Grant – FTA (Fund 48440)
- Operating Grant – FTA (Fund 48442)
- Operating Grant – FTA (Fund 48450)
- Operating Grant – FTA (Fund 48452)
- Operating Grant – FTA (Fund 48454)
- Operating Grant – HOME – 2011-12 (Fund 1598)
- Operating Grant – HOME – 2012-13 (Fund 1629)
- Operating Grant – HOME – 2013-14 (Fund 1635)
- Operating Grant – HOME – 2014-15 (Fund 1636)
- Operating Grant – HOME – 2015-16 (Fund 1637)
- Operating Grant – 2016 HOME Program (Fund 2116)
- Operating Grant – 2017 HOME Program (Fund 2117)
- Operating Grant – 2018 HOME Program (Fund 2118)
- Operating Grant – 2019 HOME Program (Fund 2119)
- Operating Grant – HOME – Income (Fund 0277)
- Operating Grant – HOPE VI – Frank Luke Addition (Fund 1627)
- Operating Grant – Sunnyslope Senior Housing Operating (Fund 0081)

Aviation – Resources of these funds are derived from ongoing Aviation operations. Aviation operating funds may be used to support pay-as-you-go Aviation capital projects.

- Aviation Improvement (Fund 0042)
- Other – Deer Valley Municipal Airport (Fund 0045)
- Other – Goodyear Municipal Airport (Fund 0047)
- Other – Customer Facility Charge City-Transportation Operation and Maintenance (Fund 1778)

Convention Center – Resources of this fund are derived from sales taxes levied to support the Phoenix Convention Center. The Phoenix Convention Center Operating fund may be used to support

pay-as-you-go capital projects.

- Convention Center Operating (Fund 0058)

Solid Waste – Resources of this fund are derived from sanitation and landfill fees. This fund may be used to finance pay-as-you-go Solid Waste capital projects.

- Solid Waste Capital Replacement (Fund 0036)
- Solid Waste Operating (Fund 0037)

Wastewater – Resources of these funds are derived from ongoing Wastewater operations. Wastewater operating funds may be used to support pay-as-you-go Wastewater projects.

- Sub-Regional Operating Group (SROG) Replacement Fund (Fund 0021)
- Wastewater Development Occupational Fees (Fund 0096)
- Wastewater Lines Replacement – (Fund 0095)
- Wastewater Replacement – 23rd Avenue WWTP (Fund 0098)
- Wastewater Revenue (Fund 0090)

Water – Resources of these funds are derived from ongoing Water operations. Water operating funds may be used to support pay-as-you-go Water projects.

- Val Vista Water Treatment Plant – Capital Outlay (Fund 0404)
- Water Development Occupational Fee (Fund 0054)
- Water Operation and Maintenance (Fund 0052)
- Water Resource Acquisition Fee (Fund 0050)
- Water Revenue (Fund 0051)

BOND FUNDS

Bond funds are resources resulting from the issuance of debt instruments (bonds) that require repayment of a specified principle amount at maturity and payment of interest at a stated rate or a formula rate. Bonds funds are restricted to purposes defined in the proposition placed before the voters.

Property Tax Supported – These are voter-approved bonds that finance a variety of capital improvements. The principle and interest payments on these bonds are financed from the secondary property tax levy.

- 2001 Bonds – Freeway Mitigation (Fund 3339)
- 2001 Bonds – Museo Chicano (Fund 3347)
- 2001 Bonds – Neighborhood Historic Preservation (Fund 3325)
- 2001 Bonds – Neighborhood Preservation and Blight Elimination (Fund 3327)
- 2001 Bonds – Preserving Phoenix Heritage (Fund 3313)
- 2006 Bonds – Arts and Cultural Facilities – Percent for Art (Fund 3368)
- 2006 Bonds – Downtown Education – Percent for Art (Fund 3364)
- 2006 Bonds – Economic Development (Fund 3375)

- 2006 Bonds – Fire Technology (Fund 3359)
- 2006 Bonds – Housing – Percent for Art (Fund 3378)
- 2006 Bonds – Human Services (Fund 3369)
- 2006 Bonds – Libraries (Fund 3373)
- 2006 Bonds – Libraries – Percent for Art (Fund 3374)
- 2006 Bonds – Neighborhood Services (Fund 3379)
- 2006 Bonds – Neighborhood Services – Percent for Art (Fund 3380)
- 2006 Bonds – Parks (Fund 3365)
- 2006 Bonds – Parks – Percent for Art (Fund 3366)
- 2006 Bonds – Police Protection (Fund 3357)
- 2006 Bonds – Storm Sewer Improvements (Fund 3381)
- 2006 Bonds – Street Improvement (Fund 3383)
- 2006 Bonds – Street Improvement – Percent for Art (Fund 3384)

Nonprofit Corporation Bonds – These are bonds issued by a nonprofit corporation pursuant to a lease-purchase or purchase agreement with the City. Principle and interest payments on nonprofit corporation bonds are made from various revenues.

- Nonprofit Corporation Bonds – Aviation – 2017 Revenue (Fund 1769)
- Nonprofit Corporation Bonds – Aviation – T3 Modernization Commercial Paper (Fund 1485)
- Nonprofit Corporation Bonds – Aviation – Passenger Facility Charge Bond (Fund 1426)
- Nonprofit Corporation Bonds – Aviation – Customer Facility Charge Trustee (Fund 1772)
- Nonprofit Corporation Bonds – Convention Center – State Distribution (Fund 2258)
- Nonprofit Corporation Bonds – General – Information Technology (Fund 68003)
- Nonprofit Corporation Bonds – General – Information Technology – TALIS (Fund 66019)
- Nonprofit Corporation Bonds – General – LED Streetlight Conversion (Fund 1484)
- Nonprofit Corporation Bonds – General – Regional Wireless Cooperative – 700mhz Narrow Banding (Fund 68021)
- Nonprofit Corporation Bonds – General – Telephone Replacement System (Fund 68022)
- Nonprofit Corporation Bonds – Solid Waste – MEGA IV (Fund 65909)
- Nonprofit Corporation Bonds – Solid Waste – MEGA V (Fund 66075)
- Nonprofit Corporation Bonds – Wastewater – 2006 (Fund 1366)
- Nonprofit Corporation Bonds – Wastewater – 2008 (Fund 1420)
- Nonprofit Corporation Bonds – Water – 2007 (Fund 1365)
- Nonprofit Corporation Bonds – Water – 2008 (Fund 1421)

OTHER CAPITAL SOURCES

Other capital sources are resources that are limited to capital construction or acquisition. Examples of these resources include capital grants, other agencies' contributions to joint projects, donations and lease purchase financing.

Impact Fees – Resources of these funds include development impact fee revenues for the peripheral planning areas. Projects financed by these funds must benefit the areas for which the development fees were collected.

- Impact Fee – Ahwatukee – Parks (Fund 1099)

2016-2021 CAPITAL IMPROVEMENT PROGRAM

- Impact Fee – Ahwatukee – Parks (Fund 2622)
- Impact Fee – Ahwatukee – Roadways (Fund 2652)
- Impact Fee – Ahwatukee – Wastewater (Fund 1201)
- Impact Fee – Ahwatukee – Wastewater (Fund 2670)
- Impact Fee – Deer Valley I – Wastewater (Fund 1060)
- Impact Fee – Deer Valley I – Wastewater (Fund 2660)
- Impact Fee – Deer Valley II – Wastewater (Fund 1061)
- Impact Fee – Deer Valley II – Wastewater (Fund 2661)
- Impact Fee – Deer Valley III – Wastewater (Fund 1062)
- Impact Fee – Deer Valley III – Wastewater (Fund 2662)
- Impact Fee – Deer Valley IV – Wastewater (Fund 1063)
- Impact Fee – Desert View – Libraries (Fund 0758)
- Impact Fee – Desert View – Libraries (Fund 2611)
- Impact Fee – Desert View – Parks (Fund 0761)
- Impact Fee – Desert View – Parks (Fund 2621)
- Impact Fee – Desert View – Streets (Fund 0759)
- Impact Fee – Desert View – Wastewater (Fund 0766)
- Impact Fee – Desert View – Wastewater (Fund 2665)
- Impact Fee – Desert View/Deer Valley V – Roadways (Fund 2651)
- Impact Fee – Estrella – Storm Drainage (Fund 1090)
- Impact Fee – Estrella – Storm Drainage (Fund 2640)
- Impact Fee – Estrella – Storm Drainage (Fund 3051)
- Impact Fee – Estrella / Laveen – Libraries (Fund 1043)
- Impact Fee – Estrella / Laveen – Libraries (Fund 2613)
- Impact Fee – Estrella / Laveen – Parks (Fund 1045)
- Impact fee – Estrella / Laveen – Parks (Fund 2623)
- Impact Fee – Estrella / Laveen – Roadways (Fund 2653)
- Impact Fee – Estrella / Laveen South – Roadways (Fund 1800)
- Impact Fee – Estrella North – Streets (Fund 1085)
- Impact Fee – Estrella South – Streets (Fund 1086)
- Impact Fee – Estrella North – Wastewater (Fund 1091)
- Impact Fee – Estrella North – Wastewater (Fund 2673)
- Impact Fee – Estrella South – Wastewater (Fund 1092)
- Impact Fee – Estrella South – Wastewater (Fund 2674)
- Impact Fee – Estrella South – Wastewater (Fund 3075)
- Impact Fee – Laveen – Storm Drainage (Fund 1048)
- Impact Fee – Laveen – Storm Drainage (Fund 2641)
- Impact Fee – Laveen – Storm Drainage (Fund 3052)
- Impact Fee – Laveen East – Wastewater (Fund 1306)
- Impact Fee – Laveen East – Wastewater (Fund 2672)
- Impact Fee – Laveen South – Streets (Fund 1044)
- Impact Fee – Laveen West – Wastewater (Fund 1049)
- Impact Fee – Laveen West – Wastewater (Fund 2671)
- Impact Fee – Laveen West – Wastewater (Fund 3076)
- Impact Fee – Northeast Valley – Libraries (Fund 3032)
- Impact Fee – Northeast Valley – Major Arterials (Fund 3042)

- Impact Fee – Northwest/Deer Valley – Major Arterials (Fund 3041)
- Impact Fee – North Gateway – Parks (Fund 1035)
- Impact Fee – North Gateway – Parks (Fund 2620)
- Impact Fee – North Gateway – Wastewater (Fund 1039)
- Impact Fee – North Gateway – Wastewater (Fund 2666)
- Impact Fee – North Gateway/Deer Valley I-IV – Roadway (Fund 2650)
- Impact Fee – North Gateway West – Streets (Fund 1032)
- Impact Fee – Northern – Open Space (Fund 1324)
- Impact Fee – Northern – Water (Fund 0768)
- Impact Fee – Northern – Water (Fund 2680)
- Impact Fee – Northern – Water (Fund 3061)
- Impact Fee – Southern – Water (Fund 1094)
- Impact Fee – Southern – Water (Fund 2681)
- Impact Fee – Southern – Water (Fund 3062)
- Impact Fee – Southwest Valley – Libraries (Fund 3033)
- Impact Fee – Southwest Valley – Major Arterials (Fund 3043)

Passenger Facility Charges – Passenger facility charges are imposed on passengers at Sky Harbor International Airport. These funds are restricted to use at Phoenix airports.

- Passenger Facility Charge – #6 (Fund 1429)
- Passenger Facility Charge – #6 (Fund 1430)
- Passenger Facility Charge – #7 (Fund 1577)
- Passenger Facility Charge – #8 (Fund 1767)

Customer Facility Charges – Customer facility charges are imposed on rental car customers at Sky Harbor International Airport. These funds are restricted to use at Phoenix airports.

- Customer Facility Charge Trustee – Administrative Costs (Fund 1771)

Other Cities' Share in Joint Ventures – These funds represent other cities' share in capital projects at the 91st Avenue Wastewater Treatment Plant and Val Vista Water Treatment Plant joint ventures.

- Other Cities' Share – SROG Replacement Fund (Fund 0400)
- Other Cities' Share – Val Vista Capital Improvements (Fund 0408)
- Other Cities' Share – Regional Wireless Cooperative (Fund 1457)

Solid Waste Remediation – This fund is used to account for funds received for remediation at the 19th Avenue Landfill Superfund Site and may be used to finance 19th Avenue Landfill remediation projects only.

- Solid Waste Remediation (Fund 0150)

Capital Grants – Capital grant funds are restricted to capital purposes by the granting agency.

- Capital Grants – Affordable Housing – Frank Luke Addition (Fund 1640)
- Capital Grants – Aviation (Fund AS00)
- Capital Grants – Capital Fund Program 2013 (Fund 1680)

- Capital Grants – Capital Fund Program 2014 (Fund 1681)
- Capital Grants – Capital Fund Program 2015 (Fund 1682)
- Capital Grants – Capital Fund Program 2016 (Fund 1683)
- Capital Grants – Capital Fund Program 2017 (Fund 1684)
- Capital Grants – Capital Fund Program 2018 (Fund 1685)
- Capital Grants – Capital Fund Program 2019 (Fund 1686)
- Capital Grants – FTA Award (Fund 48290)
- Capital Grants – Public Housing – Hope VI – Frank Luke Addition (Fund 1628)
- Capital Grants – Public Housing – Phase 50108 (Fund 1078)
- Capital Grants – Regional Wireless Cooperative Capital Improvement Grants (Fund 83202)

Federal, State and Other Participation – These funds are used to account for the portion of Federal, State and other agency aid received and applied to various capital improvement projects.

- Federal, State and Other Participation – Federal Aid (Fund 1020)
- Federal, State and Other Participation – State Aid (Fund 1019)

Capital Reserves – These funds are restricted for future capital projects.

- Capital Reserves – Arizona Highway User Revenue (Fund 1393)
- Capital Reserves – Municipal Buildings – GO Bond Tax – Exempt Interest (Fund 0695)
- Capital Reserves – Regional Wireless Cooperative – Lease Purchase (Fund 1240)
- Capital Reserves – Solid Waste – End Use Reserve (Fund 1233)

Other Capital – These funds are used to account for the portion of rental income received by tenants for building capital replacement costs, insurance proceeds to repair damage as a result of a 2010 hail storm, and to account for park land sale proceeds used for Parks, Recreation and Mountain Preserves capital improvement projects.

- Other Capital – Capital Replacement – 411 N Central (Fund 1513)
- Other Capital – Capital Replacement – Genomics Facilities (Fund 1369)
- Other Capital – Proceeds – Parks Land Sale (Fund 1348)

Glossary



City of Phoenix

GLOSSARY

ADA - Americans with Disabilities Act. This federal law requires that public facilities be accessible to individuals with physical limitations.

Airport Development Plan (ADP) – This is a 20 year plan that was presented to the City Council in February 2007. The ADP identified capital projects to be funded from airline rates and charges, passenger and customer facility fees, federal funds and other sources. Debt service and operations and maintenance of existing services and new services were all included in the financial plan.

Airside – Aircraft movement areas that include ramps, aprons, taxiways and runways.

Appropriation – An authorization granted by the City Council to make expenditures and to incur obligations for purposes specified in the Appropriation Ordinances. Three appropriation ordinances are adopted each year: 1) the operating funds ordinance, 2) the capital funds ordinance, and 3) the re-appropriated funds ordinance.

Apron – A ramp adjacent to taxiway where aircraft is parked, loaded, unloaded, boarded or refueled.

Aquifer Storage Recovery – The storage of water in a suitable aquifer through a well during times when water is available and recovery of the water from the same well during times when it is needed.

ARRA - American Recovery and Reinvestment Act of 2009.

Bonds - Debt instruments that require repayment of principle on a specified date (the maturity date) and interest at a stated rate or formula rate.

Booster Station – Water pumping facility designed to deliver water flow and maintain system pressure in elevated or outlying areas.

CAD - Computer-aided dispatch.

Capital Budget – The capital funds portion of the first year of the five-year Capital Improvement Program.

Capital Funds - Funds restricted to financing the acquisition or construction of capital projects. Resources of capital funds may be derived from bonds, impact fees, contributions or capital grants.

Capital Improvement Program (CIP) - A plan for capital expenditures needed to maintain and expand the public infrastructure; for example, roads, sewers, water lines or parks. The City's CIP includes a plan to meet these needs for five years and is updated annually to reflect changes in priorities, cost estimates and changing financial

strategies. The first year of the CIP is adopted in the operating and capital funds appropriations.

Carryover - A project that was originally appropriated in an earlier year, but due to delays was again appropriated in a later year.

CDBG - See Community Development Block Grant.

CIP - See Capital Improvement Program.

CNG - Compressed natural gas, which is an alternative fuel used to improve air quality.

Community Development Block Grant (CDBG) - Grant funds allocated by the federal government to the City of Phoenix for the prevention and removal of slum and blight and to benefit low- and moderate-income individuals. The City disburses these funds through an annual application process open to nonprofit organizations and City departments.

Contingency - An appropriation of funds to cover unforeseen events that may occur, such as federal mandates, higher-than-expected inflation and similar eventualities.

Cured-In-Place Pipe (CIPP) – Cured-In-Place pipe is one of several trenchless rehabilitation methods used to repair existing pipelines.

Encumbrance - A reservation of funds to cover purchase orders, contracts or other financial commitments that have not been met. The budget basis of accounting considers an encumbrance to be the equivalent of an expenditure.

Enterprise Funds - Funds that are accounted for in a manner similar to a private business. Enterprise funds usually recover their costs (including depreciation) through user fees. City enterprise funds include Aviation, Water, Wastewater and Solid Waste. In addition, the Convention Center fund, which is primarily supported by earmarked excise taxes, uses enterprise fund accounting.

Estimate - As used throughout the budget documents, represents the most recent estimate for project expenditures. Estimates are based upon engineering estimates, real estate appraisals or other systematic and rational data.

FAA – Federal Aviation Administration.

Fiscal Year - The City of Phoenix has designated July 1 to June 30 as its fiscal year.

Five-Year Major Street Program - A comprehensive plan to improve the City's arterial streets developed by the Street Transportation Department.

FTA – Federal Transit Administration.

Function – A group of related projects which will achieve a principal purpose within a program. For example, “Street Modernization” is a function of Street Transportation and Drainage.

Fund – An independent governmental accounting entity with a self-balancing group of accounts including assets, liabilities and fund balance, that record all financial transactions for specific activities of government functions. See the Fund Legend in this document for information about funds used to finance the CIP.

General Obligation Bonds (G.O. Bonds) - Bonds that require voter approval and finance a variety of public capital projects such as streets, buildings, parks and improvements. These bonds are backed by the full faith and credit of the issuing government.

GIS – An information system that provides geographical referenced data in the form of maps, reports and charts.

G.O. Bonds – See General Obligation Bonds.

Grant – A contribution by one government unit or funding source to another. The contribution is usually made to help support a specified program (e.g., Public Housing or Public Transit), but may be for more general purposes.

Hope VI – Program administered by HUD designed to revitalize communities through public housing transformation.

HUD – U.S. Department of Housing and Urban Development.

HVAC – Heating, ventilation and air conditioning circulation system.

Hydrograph – An instrument used to measure water flow.

Infrastructure – Facilities that support the daily life and growth of the City, for example, roads, water lines, sewers, public buildings, parks and airports.

Impact Fees – Fees adopted by the City Council in 1987 requiring new development in the City’s outlying planning areas to pay its proportional share of the costs associated with providing the necessary public infrastructure.

Improvement Districts – Special assessment districts formed by property owners who desire and are willing to pay for mutually beneficial improvements such as streets, sidewalks, sewers and lighting.

Interceptor Capacity – The amount of flow per unit of time that the interceptor sewers can carry under gravity flow conditions.

Interceptor Sewers – Interceptor sewers are the largest size sanitary sewer mains in the wastewater collection system which collect the flow from main and trunk sewer lines and carry the flow to the wastewater treatment plants.

Leaking Underground Storage Tank (LUST) – Underground storage tanks that have leaked their contents into the surrounding area, potentially posing health and safety risks.

Levy – See Tax Levy.

Lift Station – A pumping station that is used to raise flows to ensure the efficient operation of gravity-operated sewers.

LCNG – Liquid to compressed natural gas fueling system.

Major Street – An arterial street that provides for traffic movement over longer distances. Access to major streets is usually controlled by frontage roads, raised medians, and driveway and intersection spacing.

Mandate – Legislation passed by the state or federal government requiring action or provision of services and/or programs. The Americans with Disabilities Act is an example.

MAG – Maricopa Association of Governments.

MG – Million gallons.

MGD – Million gallons per day.

MHz – MegaHertz.

Narrowbanding – An effort to ensure more efficient use of the very high frequency (VHF) and ultra-high frequency (UHF) spectrum by requiring all VHF and UHF Public Safety and Industrial/Business land mobile radio (LMR) systems to migrate to at least 12.5 kHz efficiency technology by January 1, 2013.

Network core – The central part of a telecommunication network that provides various services to customers who are connected by the access network.

NPDES – National Pollution Discharge Elimination System. This Federal regulation sets standards for the quality of storm water discharged into rivers and streams.

Ordinance – A formal legislative enactment by the City Council. If it is not in conflict with any higher form of law, such as a state statute or constitutional provision, it has the full force and effect of law within the boundaries of the City.

Overlay – A pavement resurfacing treatment consisting of asphalt concrete modified with ground tire rubber or polymer. This treatment is applied to major, collector and local streets to improve pavement quality and extend pavement life.

Part 150 – The section of FAA rules that addresses noise compatibility planning.

Passenger Facility Charge funds (PFC) – Fees collected from every enplaned passenger at commercial airports controlled by public agencies. These fees are used to fund FAA-approved projects that enhance safety, security, or capacity; reduce noise; or increase air carrier competition.

Pay-As-You-Go Capital Projects – Capital projects whose funding comes from day-to-day city operating revenue sources.

Percent for Art – An ordinance that allocates up to one percent of the budget for capital-funded projects to fund public art projects.

Program – A group of related projects directed at achieving a broad objective. For example, the Water Program includes capital projects to procure, treat and distribute water to the City's water customers.

Property Tax – A levy upon each \$100 of assessed valuation of property within the City of Phoenix. Arizona has two types of property taxes. Primary property taxes support maintenance and operations, and secondary property taxes pay general obligation bond debt.

Resources – Total amounts available for appropriation including estimated revenues, fund transfers and beginning fund balances.

Restricted Funds – See Special Revenue Fund.

Runway Safety Area – A surface surrounding the runway that has been prepared for reducing the risk of damage to airplanes in the event of an undershoot, overshoot, or excursion from the runway.

Regional Wireless Cooperative (RWC) – An independent, multi-jurisdictional organization that manages and operates a regional radio communications network built to seamlessly serve the interoperable communication needs of first responders and other municipal radio users in and around Central Arizona's Valley of the Sun.

Secondary Property Tax – See Property Tax.

Slurry Seal – A pavement treatment composed of emulsified asphalt and coarse sand applied to local streets to improve pavement quality and extend pavement life.

Special Revenue Fund – A fund used to account for receipts from revenue sources that have been earmarked for specific activities and related expenditures. Examples include Arizona Highway User Revenue funds, which must be used for street and highway purposes, and secondary property tax, which is restricted to general obligation bond debt.

SROG – Sub-regional Operating Group. SROG member cities (Phoenix, Mesa, Glendale, Scottsdale and Tempe) participate in the construction, use and operation of the 91st Avenue Wastewater Treatment Plant.

Storage Area Network – A dedicated network that provides access to consolidated, block level data storage (SAN).

Tax Levy – The total amount to be raised by general property taxes for purposes specified in the Tax Levy Ordinance.

Traffic Signal Preemption Equipment – Equipment that allows emergency response vehicles to preempt normal traffic signal operation.

User Fees or User Charges -- A fee paid for a public service or use of a public facility by the individual or organization benefiting from the service.

WRP – Water reclamation plant.

WTP – Water treatment plant.

WWTP – Wastewater treatment plant.

Ordinances



City of Phoenix

ORDINANCE S-42625

AN ORDINANCE ADOPTING THE FINAL CAPITAL FUNDS BUDGET FOR THE CITY OF PHOENIX FOR THE FISCAL YEAR BEGINNING JULY 1, 2016 AND ENDING JUNE 30, 2017; DECLARING THAT SUCH SHALL CONSTITUTE THE CAPITAL FUNDS BUDGET FOR THE CITY OF PHOENIX FOR SUCH FISCAL YEAR.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PHOENIX as follows:

SECTION 1. The schedule set forth as Section 2 below is hereby adopted as the final 2016-17 Capital Fund Budget for capital improvements to be made from authorized property tax and revenue supported bond proceeds, nonprofit corporation bond financing, federal and state participation funds, passenger facility charges, customer facility charges, participation by other governmental entities in certain projects, development impact fees, capital grants, capital reserves, solid waste remediation funds and other capital funding sources, for the year beginning July 1, 2016 and ending June 30, 2017.

SECTION 2. This Council has determined and adopted the following estimates of proposed Capital expenditure improvements for the various purposes therein named for the fiscal year beginning July 1, 2016 and ending June 30, 2017.

<u>Purpose</u>	<u>Appropriation Amount 2016-17</u>
 <u>ARTS AND CULTURAL FACILITIES</u>	
General Obligation Bond Funds	<u>\$1,074,000</u>
 <u>AVIATION</u>	
Capital Grants, Nonprofit Corporation Bond Financing, Passenger and Customer Facility Charges	<u>\$155,561,956</u>
 <u>FACILITIES MANAGEMENT</u>	
General Obligation Bond Funds and Other Capital Funds	<u>\$3,235,000</u>
 <u>FINANCE</u>	
Capital Reserve Funds	<u>\$301,280</u>
 <u>FIRE PROTECTION</u>	
General Obligation Bond Funds	<u>\$467,162</u>
 <u>HISTORIC PRESERVATION</u>	
General Obligation Bond Funds	<u>\$1,178,482</u>
 <u>HOUSING</u>	
General Obligation Bond Funds and Capital Grants	<u>\$8,306,823</u>
 <u>HUMAN SERVICES</u>	
General Obligation Bond Funds	<u>\$600,000</u>
 <u>INFORMATION TECHNOLOGY</u>	
Nonprofit Corporation Bond Financing and Capital Reserves	<u>\$48,684,006</u>

2016-2021 CAPITAL IMPROVEMENT PROGRAM

Purpose	Appropriation Amount 2016-17
<u>LIBRARIES</u>	
General Obligation Bond Funds	<u>\$429,126</u>
<u>NEIGHBORHOOD SERVICES</u>	
General Obligation Bond Funds	<u>\$2,272,378</u>
<u>PARKS, RECREATION AND MOUNTAIN PRESERVES</u>	
General Obligation Bond Funds, Capital Reserves, Development Impact Fees, Nonprofit Corporation Bond Financing and Other Capital Funds	<u>\$20,054,659</u>
<u>PHOENIX CONVENTION CENTER</u>	
Nonprofit Corporation Bond Financing	<u>\$20,449,000</u>
<u>POLICE PROTECTION</u>	
General Obligation Bond Funds	<u>\$65,000</u>
<u>PUBLIC TRANSIT</u>	
Capital Grants	<u>\$19,842,836</u>
<u>REGIONAL WIRELESS COOPERATIVE</u>	
Capital Grants and Other Cities' Participation Funds	<u>\$8,561,919</u>
<u>SOLID WASTE DISPOSAL</u>	
Nonprofit Corporation Bond Financing, Capital Reserves and Solid Waste Remediation Funds	<u>\$1,201,097</u>

<u>Purpose</u>	<u>Appropriation Amount 2016-17</u>
 <u>STREET TRANSPORTATION AND DRAINAGE</u>	
General Obligation Bond Funds, Capital Reserves, Development Impact Fees, Federal, State and Other Participation Funds and Nonprofit Corporation Bond Financing	<u>\$94,806,283</u>
 <u>WASTEWATER</u>	
Development Impact Fees, Nonprofit Corporation Bond Financing and Other Cities' Participation Funds	<u>\$83,803,383</u>
 <u>WATER</u>	
General Obligation Bond Funds, Development Impact Fees, Nonprofit Corporation Bond Financing and Other Cities' Participation Funds	<u>\$57,777,365</u>
 TOTAL	 <u>\$528,671,755</u>

SECTION 3. Upon the approval of the City Manager, funds may be transferred within purposes set forth in Section 2.

SECTION 4. The City Council may authorize appropriation increases, if funds are available, for purpose of expenditures that are exempt from the limitation provided in Article IX, Section 20, Constitution of Arizona.

PASSED by the Council of the City of Phoenix this 15th day of June, 2016.



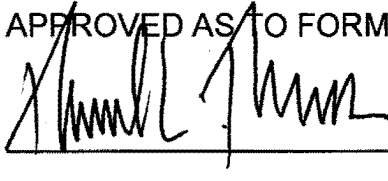
MAYOR

ATTEST:

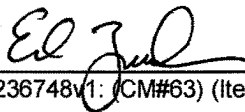
 City Clerk



APPROVED AS TO FORM:

 Acting City Attorney pml

REVIEWED BY:

 City Manager
PJB:efl:1236748v1: (CM#63) (Item#15) - 6/15/16



City of Phoenix

RESOLUTION 21443

A RESOLUTION ADOPTING A 2016-2021 CAPITAL
IMPROVEMENT PROGRAM FOR THE CITY OF PHOENIX.

WHEREAS the provisions of Section 18, Chapter XVIII, Phoenix City Charter require that the City Manager submit to the City Council a five-year capital improvement program; and

The City Manager having prepared a five-year program listing all capital improvements proposed to be undertaken during the ensuing fiscal years beginning July 1, 2016 and ending June 30, 2021; and

Said programs having been submitted to the City Council and filed of record under the title "Preliminary 2016-2021 Capital Improvement Program," in the office of the City Clerk; and

A public hearing on the program having been held on June 1, 2016, at 2:30 p.m. at the Council Chambers of the City of Phoenix, 200 West Jefferson, Phoenix, Arizona; notice of the time, date and place of said hearing having been placed in the official City newspaper and posted on the official bulletin boards not less than two weeks prior to the hearings; and the City Council having considered all matters appropriate thereto;

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PHOENIX as

follows:

SECTION 1. That the proposed five-year capital improvement program of all capital improvements to be undertaken by the City of Phoenix for the five next fiscal years commencing July 1, 2016, and consisting in general of the following items and amounts:

<u>Program</u>	<u>Five-Year Total</u>
Arts and Cultural Facilities	\$1,493,000
Aviation	380,669,000
Economic Development	46,386,000
Energy Conservation	6,000,000
Facilities Management	22,175,000
Finance	670,000
Fire Protection	30,862,000
Historic Preservation	2,631,000
Housing	49,482,000
Human Services	13,262,000
Information Technology	96,043,000
Libraries	14,784,000
Neighborhood Services	10,364,000
Parks, Recreation and Mountain Preserves	149,097,000
Phoenix Convention Center	53,004,000
Police Protection	23,720,000
Public Transit	354,178,000
Regional Wireless Cooperative	50,300,000
Solid Waste Disposal	82,922,000
Street Transportation and Drainage	775,687,000
Wastewater	514,595,000
Water	<u>837,395,000</u>
 Total	 <u>\$3,515,719,000</u>

All as is more explicitly set forth in the document entitled "2016-2021 Capital Improvement Program" and in a section of the document entitled "The 2016-2017 Phoenix Detail Budget," to be submitted by the City Manager and filed with the City Clerk, is adopted as the capital improvement program of the City.

SECTION 2. The adoption of this program is a statement of present goals and objectives subject to actual annual appropriation by budget procedure and adoption and to expenditure by regular fiscal payment ordinance.

PASSED by the Council of the City of Phoenix this 1st day of June, 2016.



Kathleen

ACTING MAYOR

ATTEST:

C. Meyer

City Clerk

APPROVED AS TO FORM:

[Signature]

Acting City Attorney

REVIEWED BY:

[Signature]

City Manager
PJB:efl:1234922.1:(CM#76)(Item#76) 6/1/16