





# Adopted FY 2017/18 Budget

## City of Scottsdale, Arizona

### Volume Three

## Capital Improvement Plan



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FY 2017/18 Adopted Budget – Volume Three  
 Capital Improvement Plan  
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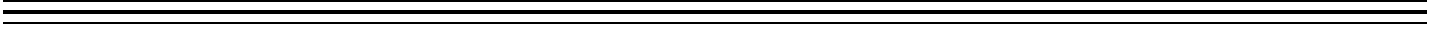
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## The City of Scottsdale's FY 2017/18 budget is comprised of three volumes:

### Volume Three – Capital Improvement Plan

authorizes and provides the basis for control of expenditures for the acquisition of significant city assets and construction of all capital facilities. A five-year Capital Improvement Plan is developed and updated annually, including anticipated funding sources. Under state law, budget appropriations lapse at the end of the fiscal year. As part of the annual budget development process the city must re-budget the appropriations until the project is complete and capitalized.

The CIP is prioritized based on City Council's mission and broad goals, the city's General Plan, Citizen Boards and Commissions recommendations, the comprehensive financial policies, including debt and capital management policies, long range financial forecasts and growth and development assumptions.

The **Overview** section of Volume Three describes recurring capital maintenance projects in further detail, the guidelines used to determine whether a project is a capital project, and the city's capital project review process, which includes review teams and prioritization criteria. The CIP prioritization criteria describe in detail the measures used by the city's two separate CIP teams (Construction and Technology) to rate the various proposed construction related and technology related capital projects. The CIP review process also covers involvement of senior management and the newly established Council Capital Improvement Plan Subcommittee. The overview section concludes with a summary of operating impacts for capital projects.

The **Funding** section is a summary of the various sources of funds and how those funds are used to pay for CIP projects. The funding section concludes with the Financial Summary and Five Year Financial Forecast.

The **Project Lists and Operating Impacts** section includes four lists:

- Alphabetical by Project Name – summarizes all capital projects in alphabetical order.
- By Division – summarizes all capital projects by city division.

- By Program - summarizes all capital projects by major program.
- CIP Operating Impacts – summarizes the projected operating costs associated with capital projects in alphabetical order.

The first three project lists reflect each project's adopted FY 2017/18 budget with the forecasted funding through FY 2021/22. The forecasted funding, which includes FY 2018/19 through FY 2021/22 was not adopted by City Council as part of the FY 2017/18 budget. This information serves as part of the city's long-term capital plan process and will be revisited and updated in future budget reviews.

The CIP Operating Impacts section includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2017/18 are calculated and included in the Adopted Operating Budget.

The remaining sections of Volume Three include detailed information arranged by major program on each of the city's capital projects, including Community Facilities, Drainage/Flood Control, Preservation, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes location, project description, funding source(s) and project number, if applicable.

**Volume One – Budget Summary** authorizes and provides the basis for control of operating expenditures for both internal and citizen service. The Operating Budget is funded with recurring annual revenues such as taxes, licenses, fines, user fees and interest income. The Operating Budget appropriations lapse at the end of the fiscal year. Volume One provides fund summaries and five-year financial plans for each of the city's funds.

**Volume Two – Division Operating Budget** provides detailed information on each of the city's divisions, including descriptions, prior year highlights, priorities, staffing, and a summary of the operating budgets by expenditure category and the applicable funding sources.



## Definition of CIP Projects

The following guidelines determine what a CIP project is:

- Relatively high monetary value (at least \$25,000)
- Long life (at least five years)
- Results in creation of a capital asset, or the revitalization of a capital asset

Included within the above definition of a CIP project are the following items:

- Construction of new facilities
- Remodeling or expansion of existing facilities
- Purchase, improvement and/or development of land
- Operating equipment and machinery for new or expanded facilities
- Planning and engineering costs related to specific capital improvements
- Street construction, reconstruction, resurfacing or renovation

In general, automotive and other rolling stock, personal computers, and other equipment not attached to or part of new facilities are not included as a CIP project. The exception to this is when the aggregate dollar amount of all the items are of a considerable value that they are grouped together and considered as a single capital project.

## Recurring Capital Maintenance Projects

Recurring capital maintenance projects reflect the recurring capital expenditure needs to preserve or replace existing city assets due to wear and tear. These projects include budget appropriation for the first year of the five-year plan and a forecast for the following four years. These projects are reviewed and evaluated as part of the annual budget development process. The desired goal is to close out the projects within one year. The first year's appropriation may be carried forward into the next fiscal year when the project requires more time than originally anticipated for completion. The recurring capital maintenance projects are assigned a project number with the prefix "Y".

## CIP Review Process

The City of Scottsdale uses two cross-divisional CIP Review Teams, one for review of construction related projects and the other for review of technology related projects. The **Construction Review Team** consists of individuals from a variety of divisions and professional disciplines to review project submissions and ensure that:

- Projects are scoped properly (a building has ADA access, includes telephones, computers, etc.)
- Infrastructure components are coordinated (a waterline is installed at the same time as a roadway improvement at a specific location)
- Long-term operating impacts are included in estimates (staffing, utility and maintenance costs are considered)
- Timeframes for construction activity and cash flow requirements are realistic
- Projects are coordinated geographically (i.e., not more than one north/south major thoroughfare is restricted at a time), and
- Project costs are reviewed to determine the adequacy of the budget and appropriate funding sources

The **Technology Review Team** includes individuals from a variety of divisions to review technology project submissions and ensure that:

- Projects meet city's current hardware, software and security standards
- If technology will be accessed from remote locations, what network bandwidth requirements are needed to support the application
- Long-term operating impacts are included in estimates (training, maintenance and support)
- Who is responsible for funding ongoing maintenance of hardware, operating system, application and database, if applicable
- Who is responsible for day-to-day support
- Does the system require after hours technical support
- Includes funding to cover ongoing monthly communication costs associated with the system, if applicable

- Backups and data retention have been considered
- Disaster recovery and security considerations have been taken into account

While these illustrations are not exhaustive they provide excellent examples of the value added through project review by cross-divisional teams.

Each division is required to submit new funding requests to the City Treasurer's Office, who then compiles the information for the applicable CIP review team. If the review teams have questions concerning a request, the divisions are asked to clarify the issue to assist the review team in prioritizing the projects against all city needs.

After this thorough review process, the CIP review teams prioritize the projects based on City Council's broad goals, division priorities, anticipated funding sources, and the International City/County Management Association (ICMA) Project Prioritization Matrix. The ICMA Prioritization Criteria were obtained from *Capital Projects: New Strategies for Planning, Management, and Finance*, Copyright 1989, pp 85-87, and adjusted for the City of Scottsdale.

**The seven prioritization criteria used by Scottsdale for construction related projects are:**

- 1. Annual Recurring Costs** - The expected change in operation and maintenance costs. Divisions provide annual estimates of the additional costs or reductions in the operating budget resulting from the new project. Also to be considered are changes in revenues that may be affected by a project. For example, the loss in property taxes incurred when private land is used for a capital project.
- 2. Health and Safety Effects** - This criterion includes health-related environmental impacts like reductions/increases in traffic accidents, injuries, deaths, sickness due to poor water quality, health hazards due to sewer problems, etc.
- 3. Community Benefits** - Economic impacts such as property values, the future tax base, added jobs, income to citizens, changes in business income and the stabilization (or revitalization) of neighborhoods. Such impacts may apply more to capital projects related to growth and expansion than to infrastructure maintenance,

although deteriorating structures can adversely affect business. This is also a catch-all criterion for other significant quality-of-life-related impacts such as community appearance, noise, air and water pollution effects, households displaced, damage to homes, effect on commuters, changes in recreational opportunities, etc. This criterion is also an assessment of the extent of public support and interest group advocacy and/or opposition.

**4. Distributional Effects** - Estimates of the number and type of persons likely to be affected by the project and nature of the impact; for instance, explicit examination of project impact on various geographical areas; on low-moderate income areas; and on specific target groups. Equity issues are central here - who pays, who benefits, and the social goals of the jurisdiction.

**5. Project Feasibility** - This element is a measure of special implementation problems (i.e., physical or engineering restraints) and compatibility with the General Plan. Project feasibility also includes the amount of uncertainty and risk. For each proposal, each of the criteria will have associated with it some degree of uncertainty as to cost estimates, effect on service quality or impact of new procedures. When substantial uncertainties exist regarding any of the evaluation criteria for any proposal, the city should consider estimating, at least in broad terms, the amount of uncertainty, probability of occurrence and the magnitude of the likely negative consequences. Few cities generate such information but even "educated guesses" are useful here. Another component of this criterion is the possible beneficial/adverse effects on relationships with other jurisdictions or quasi-governmental agencies in the area. Such effects, i.e., waste disposal via landfills in other jurisdictions, are likely to require special regional coordination and could impair the proposal's attractiveness.

**6. Implication of Deferring the Project** - Deferring capital projects is tempting for hard-pressed governments but an estimate of the possible effects, such as higher future costs and inconvenience to the public, provides valuable guidance in a proposal assessment.

**7. Mayor and City Council's Broad Goals** - If a capital project directly addresses the Mayor and City Council's broad goals, the relative attractiveness of that project increases.

The six prioritization criteria used by Scottsdale for technology related projects are:

**1. Annual Recurring Costs** - This element reflects other costs relative to a proposed project, including operation and maintenance (O&M) costs, licensing costs and potential revenues generated by the completed project. If a project has potentially high O&M and licensing costs, then a lower rating should be assigned. If a project has the potential of generating revenues, then a higher rating should be assigned. Overall, the score for this element should reflect a compilation of all three factors.

**2. Technological Infrastructure** - This criterion refers to projects required to maintain the technology infrastructure for essential city operations. This would include such items as networks and servers, telephone PBX, extension or improvements to the Wide Area Network for remote locations, etc. Projects that include elements related to these items would be scored higher than projects that don't support the integrity of the technology infrastructure.

**3. Community Benefits** - This element considers the impacts that a project may have on service and the benefits the project may offer to citizens or staff members. This criterion should be viewed in terms of the numbers of citizens or staff members that may benefit from the project and how a service may be enhanced by the project. This element deals with the extent of influence of a proposed project. The impacts and benefits may be spread over the community at-large, to a specific geographic area, to the entire city staff or to specific city staff at specific locations.

**4. Project Feasibility** - This element is a measure of special implementation problems (i.e. physical and engineering restraints), and compatibility with the city's overall Technology Plan. A project would be considered for a higher rating score if it has few restraints to accomplish it and is also compatible with the overall Technology Plan. This element measures the success potential of a proposed project. Rating scores should be awarded based on the accuracy of information given by the proposing division, the detail of cost estimates and the potential of the project going awry due to its very nature. Lower rating scores will be assigned for projects that, basically, have insufficient information to allow a "good" review of the project for prioritization. Rating

scores should also be determined based on the possible beneficial or adverse effects on a proposed project due to relationships with other jurisdictions or quasi-governmental agencies in the area. Such effects may require special regional coordination that could directly impact the success or scheduling of a project. The identification of such impacts may result in lower rating scores until such issues are resolved.

**5. Implication of Deferring the Project** - This element accounts for the downside risk incurred for deferring a project, such as higher future costs, loss of contributions, continued inconvenience to the public and staff, possible constraints to network capacity, deterioration of the city's technology infrastructure or legal liability. In this evaluation, increased implications for delaying a project translates into a higher rating score.

Projects that address the limitations of a system or software package that may render a system unusable if corrective measures are not taken would score high for this element. In addition, a higher score might be in order if future lower costs associated with technology would come into the equation.

**6. Mayor and City Council's Broad Goals** - If a capital project directly addresses the Mayor and City Council's broad goals, the relative attractiveness of that project increases.

The Construction and Technology Review Teams forward their prioritization results to the Capital Management Review Committee (CMRC) for the next phase of review. This group includes senior management members who provide an enterprise-wide view for synergy and priority while balancing project requests against known City Council objectives. After their review is completed, members of the CMRC Team present the recommended five-year CIP to the Council Capital Improvement Plan (CIP) Subcommittee so they may apply a policy perspective while considering citywide needs. The CIP Subcommittee makes funding recommendations to the full City Council. The funding recommendations and the five-year CIP plan are discussed at study sessions and public hearings prior to budget adoption.

## CIP Operating Impacts

During the CIP budget development process staff provides annual estimates of additional costs and possible cost reductions that will impact the Operating budget. The extensive CIP prioritization process includes a review of CIP projects by the Operating Impacts Review Team represented by individuals from Facilities Management, Street Operations, Fleet Management, Parks Management and Information Technology. The team's objective is to determine when operating impacts will result and to quantify the value of the impact. Examples of additional costs include positions, facilities maintenance, utilities, asphalt maintenance, street sweeping, landscape maintenance and annual software licensing. Estimated new revenues and/or operational expenditure savings associated with capital projects are also taken into consideration during this review. The Operating Impacts Review Team provides their results to the City Treasurer's Office so these may be incorporated in the Operating Budget five-year financial forecast, and to ensure funding will be available to cover the costs once the CIP projects are completed. Extra costs are absorbed by the division's operating budget whenever possible. As part of the annual Operating Budget development process, the operating impacts of capital projects are identified, forecasted, prioritized and justified. The operating impacts relating to projects scheduled for completion in FY 2017/18 have been included in the appropriate divisional operating budget.



FY 2017/18 Adopted Budget



The Capital Improvement Plan (CIP) uses funding from prior year carryovers. Prior year carryovers are “blended” funding from various funding sources. For FY 2017/18 – 2021/22 the funding added to the prior year carryovers includes the Bond 2015 General Obligation (G. O.) Bonds and Municipal Property Corporation (MPC) Bonds. These provide the bond-funded portion of the plan, which is approximately 13 percent of the CIP funding in FY 2017/18 – 2021/22. Approximately 42 percent of Scottsdale’s FY 2017/18 – 2021/23 CIP is funded with Enterprise and Preservation funding, and approximately 45 percent is funded by “pay-as-you-go” revenues, which include dedicated sales tax revenues and contributions from fund balance transfers. The three percentages listed indicate that the FY 2017/18 -2021/22 CIP is in compliance with financial policy number 25, which states that pay-as-you-go Capital Improvement Plan financing should account for a minimum of 25 percent of all capital improvement projects, excluding Preservation and Enterprise for each five-year planning period. Pay-as-you-go financing is defined as all sources of revenue other than city debt issuance. The pie chart at the end of this section represents funding source percentages for FY 2017/18 – 2021/22.

Funding sources for the CIP are presented on a cash flow basis. These revenue sources are presented in the period that the revenue is expected to be collected. Funding sources include estimated balances on hand at the beginning of the period as well as revenue expected to be received during the period or future periods, i.e. bond issuances. As a result of presenting revenue on the cash basis, pay-as-you-go funding sources do not equal budgeted expenditures in each period, sometimes creating a fund deficit for project expenditures in subsequent years.

All potential capital funding resources are evaluated to ensure equity of funding for the CIP. Our measure of whether equity is achieved is if the beneficiaries of a project or service pay for it. For example, general tax revenues and/or G.O. Bonds appropriately pay for projects that benefit the general public as a whole. User fees, development fees, and/or contributions pay for projects that benefit specific users. Other factors considered when funding the capital plan are whether the financing method provides funding when needed and the financial costs associated with the funding source. The following summarizes the funding sources for the CIP.

## General Obligation (G.O.) Bonds and Municipal Property Corporation (MPC) Bonds

**General Obligation (G.O.) Bonds** are bonds secured by the full faith and credit of the issuer. G.O. Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power (secondary portion). They are usually issued to pay for general capital improvements such as parks and roads.

**Municipal Property Corporation (MPC) Bonds Water and/or Water Reclamation** represents bonds issued by the Municipal Property Corporation (MPC), a non-profit corporation established to issue bonds to fund city capital improvements. The debt incurred by the corporation is a city obligation, but does not require voter approval. Pledged revenue streams, in this instance water and water reclamation rates, finance the repayment of MPC debt.

## Enterprise Funds

**Water & Water Reclamation Rates** are utility bill revenues received from the sale of domestic water and the fees collected for the disposal of sanitary sewer waste from customers within the city. Water & water reclamation operating revenues in excess of operating expenditures are transferred to the CIP to fund water and water reclamation capital improvement projects.

**Aviation Fees** represent fee revenues received from users of the city’s municipal airport and related facilities. Fees paid include transient landing fees, tie down fees, hangar fees, etc.

**Solid Waste Rates** represent utility bill revenues received for the collection and disposal of solid waste from residential and commercial customers.

## Internal Service Funds

**Internal Service Funds** represent revenues received for services provided to internal customers.

**Fleet Fund** represents revenues from the city’s fleet rates and per financial policy is restricted to use for improvements to facilities providing maintenance services to the city’s rolling stock, the replacement of rolling stock, and the administration of the program.

## Transportation Funds

**Transportation Sales Tax** represents revenues received from the 1989 voter approved 0.2 percent sales tax on local retail and other sales. Per the city's financial policy number 27, no more than fifty percent of the privilege (sales) tax revenue for transportation improvements will be allocated to transportation improvement operating expenses.

**Prop 400 Regional Transportation Sales Tax** represents revenues received from the 2004 voter approved 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction (Proposition 400).

## Preservation Fund

**Preservation Sales Tax Fund** represents revenues received from the 1995 voter approved 0.2 percent sales tax on local retail and other sales and is dedicated to the purpose of acquiring land for the McDowell Sonoran Preserve and revenues received from the 2004 voter approved 0.15 percent sales tax on local retail and other sales and is dedicated to purpose of acquiring land and construction of essential preserve related necessities such as proposed trailheads for the McDowell Sonoran Preserve.

## Tourism Development Fund

**Tourism Development Funds** represents revenues received from the voter approved transient lodging (bed) tax of 5 percent on hotel and motel room rentals in addition to sales tax. Tourism development revenue is transferred to the CIP when City Council approves using it as a funding source for specific capital projects.

## Other

**Interest Earnings** represents interest earnings on cash balances on hand in the various funds under the Capital Improvement Program.

**Other Contributions** represent amounts paid by other organizations for capital projects including developers, the Scottsdale Charros and the San Francisco Giants.

**Intergovernmental** represents amounts paid by other organizations for capital projects through intergovernmental agreements (IGAs), and include the

Maricopa County Flood Control District (MCFCD) and the Salt River Pima-Maricopa Indian Community (SRPMIC).

**Grants** represent revenues received from federal or state sources. Most grants require a matching funding source with the percentage of the match dependant on grant requirements. The funding is restricted in use to the improvements requested and approved in the grant application.

**Miscellaneous** funding represents revenues from several sources (groundwater treatment, reclaimed water distribution, and in-lieu fees, etc.) that are aggregated for reporting purposes.

**Special Programs** funding represents revenues from dedicated funding sources and donations earmarked for specific purposes (i.e., Racketeering Influenced Corrupt Organization (RICO), Court Enhancement Fund (CEF)).

## General Fund

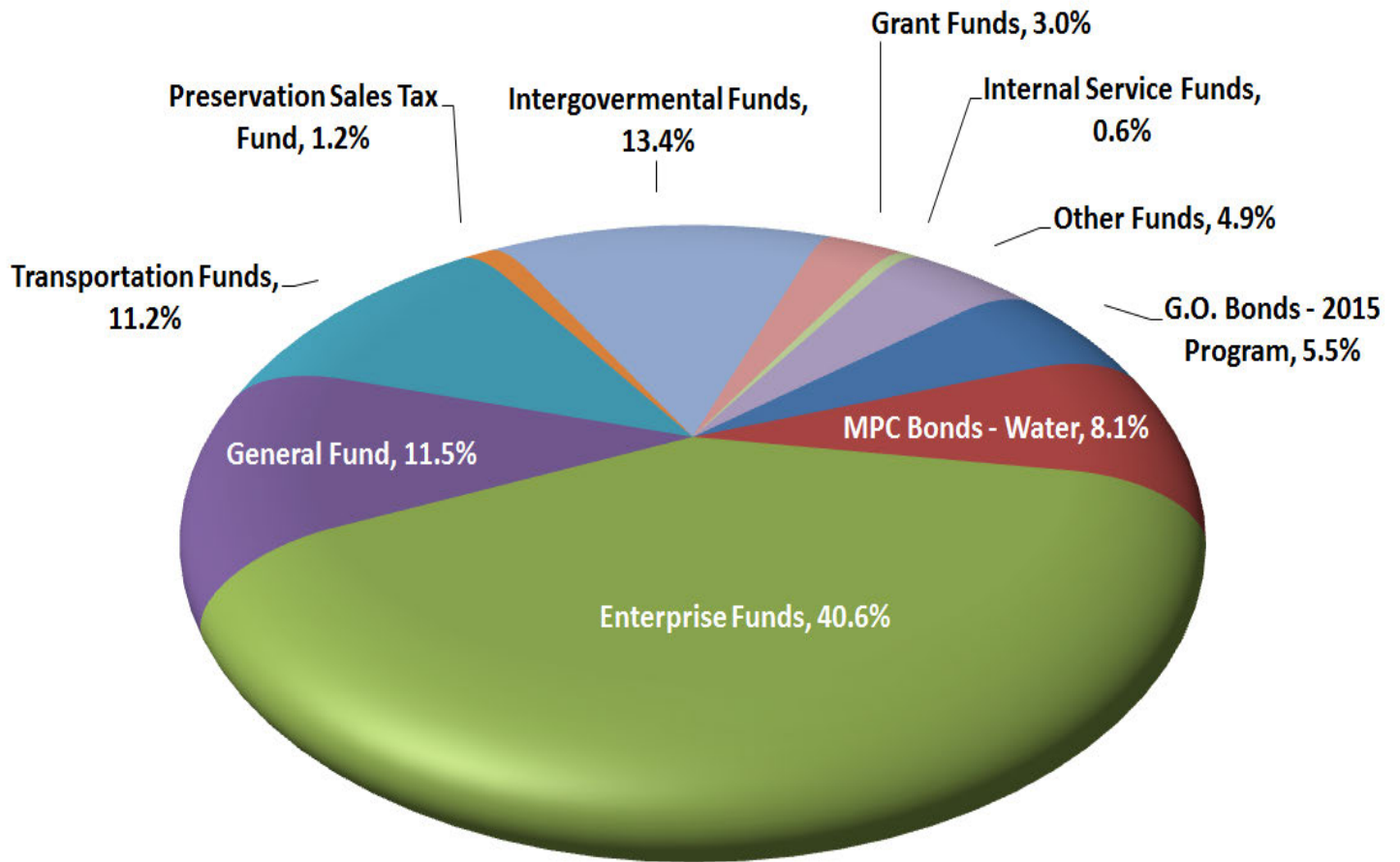
**General Fund** represents the transfer of cash from the General Fund to fund the "pay-as-you-go" (PAYGO) contributions from general revenues for capital projects that do not have a dedicated funding source. The General Fund transfer of cash to the CIP is (1) considered and approved by the City Council each fiscal year, (2) complies with the city's financial policy number 17 that states it will be at a minimum of 25 percent of construction privilege (sales) tax revenues plus 100 percent of net interest income in excess of \$1.0 million and (3) beginning FY 2016/17, meets City Council direction to transfer the amount of the General Fund privilege (sales) tax collected on food for home consumption to the CIP phased in over three years.

## Prior Year Carryovers

**Prior year carryovers** are committed funds from prior years that are re-budgeted until they are expended, uncommitted or until the projects are completed.



**FY 2017/18 Adopted Capital Improvement Plan  
Source of Funds (FY 2017/18 - 2021/22)  
Percent of Totals**



The Capital Improvement Plan (CIP) is comprised of seven major programs:

- Community Facilities
- Drainage /Flood Control
- Preservation
- Public Safety
- Service Facilities
- Transportation
- Water Management

The Use of Funds pie chart represents the percentages for each major program.

Expenditures are presented on a budget basis rather than a cash flow basis. Governmental budgeting procedures require adequate budget to pay for the entire contract to be available and appropriated in the period in which a contract is entered into by the city. However, actual cash flows (expenditures) under the contract generally take place over more than one year and match cash flow funding receipts.

The following summarizes the seven major programs that comprise the total Capital Improvement Plan.

**Community Facilities** programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreation facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 3.3 percent of the CIP has been identified to address the needs of this program.

**Drainage/Flood Control** focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by preventing property damage from flooding. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 1.7 percent of the CIP has been identified to address the drainage and flood control needs of the city.

**Preservation** focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert. The 1998 election expanded the recommended study boundary from the original 12,876 acres to 34,400 acres. The 2004 election provided an additional revenue stream (0.15 percent sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 9.1 percent of the CIP has been identified to address this program.

**Public Safety** focuses on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe. This goal is met by providing fire and police stations, training facilities and automation and communication systems related to fire and police operations. Approximately 3.6 percent of the CIP has been identified to address the public safety needs of the city.

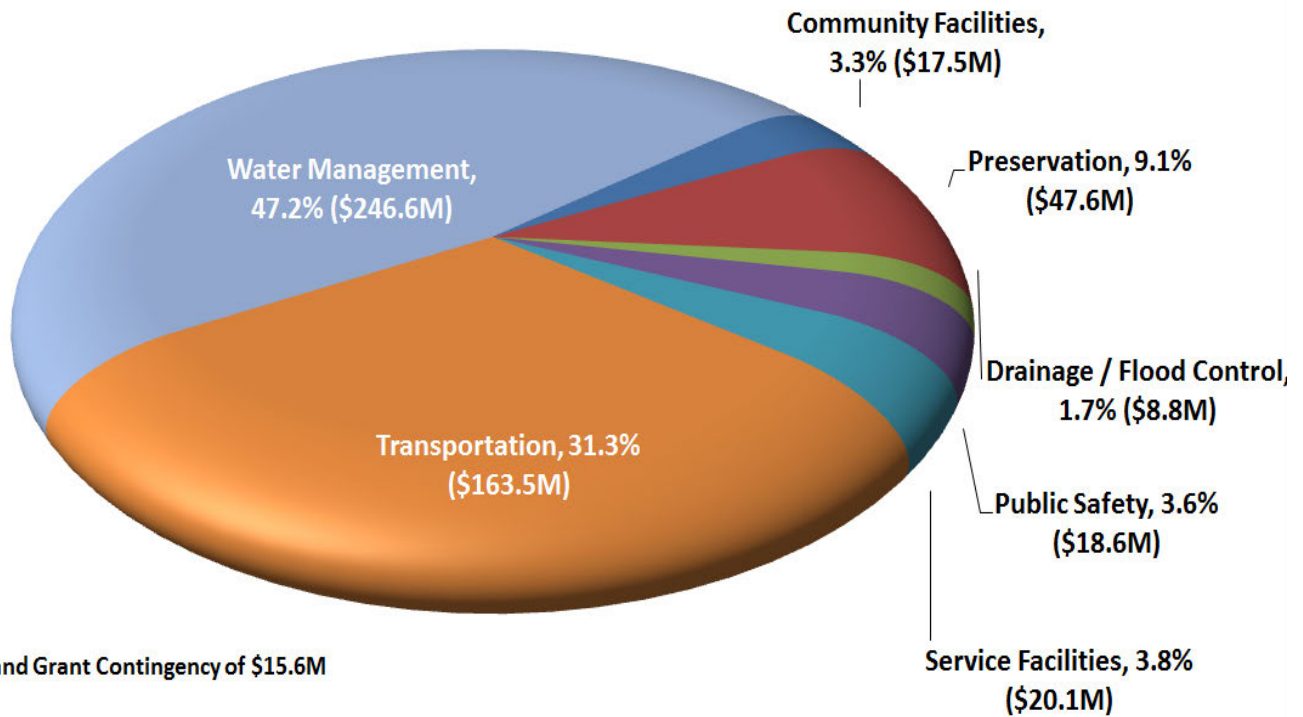
**Service Facilities** programs focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the city. Approximately 3.8 percent of the CIP has been identified to address this program.

**Transportation** programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2 percent privilege tax to fund transportation improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction. This program looks for the best use of these funding sources and addresses the multi-modal concept. Approximately 31.3 percent of the CIP has been identified to address the transportation needs of the city.

**Water Management** focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safe, reliable water and providing wastewater services. This program also reflects

the city's commitment to federal and state regulations. Approximately 47.2 percent of the CIP has been identified to address the water and water reclamation needs of the city.

**FY 2017/18 Adopted Capital Improvement Plan  
Budgeted Program Expenditures  
Percent of Total - \$522,604,700\***



\*Excludes Capital and Grant Contingency of \$15.6M

Capital Improvement Plan - Use of Funds  
In Thousands of Dollars

Program	2017/18	2018/19	2019/20	2020/21	2021/22
Community Facilities	17,459.9	7,837.7	5,239.8	5,239.8	9,529.1
Preservation	47,589.5	1,380.0	380.0	380.0	-
Drainage / Flood Control	8,751.1	-	2,854.0	6,345.0	29,879.8
Public Safety	18,632.2	1,875.9	1,527.6	6,671.2	2,443.9
Service Facilities	20,056.6	4,154.8	3,162.8	5,282.9	8,630.2
Transportation	163,549.4	18,000.0	29,451.9	9,648.7	18,800.1
Water Management	246,566.1	50,623.0	25,650.5	23,077.5	30,590.6
<b>Total Program Expenditure Budget<sup>(a)</sup></b>	<b>522,604.7</b>	<b>83,871.4</b>	<b>68,266.6</b>	<b>56,645.1</b>	<b>99,873.7</b>
<b>Prior Year Unexpended<sup>(b)</sup></b>		<b>344,265.0</b>	<b>263,520.8</b>	<b>239,241.4</b>	<b>223,531.4</b>
<b>Unexpended at Year End (Re-budgets)<sup>(c)</sup></b>	<b>(344,265.0)</b>	<b>(263,520.8)</b>	<b>(239,241.4)</b>	<b>(223,531.4)</b>	<b>(247,044.1)</b>
<b>Transfer out to CIP Water and Water Reclamation Funds<sup>(d)</sup></b>	<b>900.0</b>	<b>900.0</b>	<b>900.0</b>	<b>900.0</b>	<b>900.0</b>
<b>Transfer out to Debt Service<sup>(e)</sup></b>	<b>15,720.1</b>	<b>15,625.8</b>	<b>15,748.7</b>	<b>15,782.2</b>	<b>15,835.0</b>
<b>Total Use of Funds</b>	<b>194,959.8</b>	<b>181,141.4</b>	<b>109,194.7</b>	<b>89,037.2</b>	<b>93,095.9</b>

(a) Excludes Capital and Grant Contingency of \$15.6 million in FY 2017/18 and \$9.5 million annually in subsequent years.

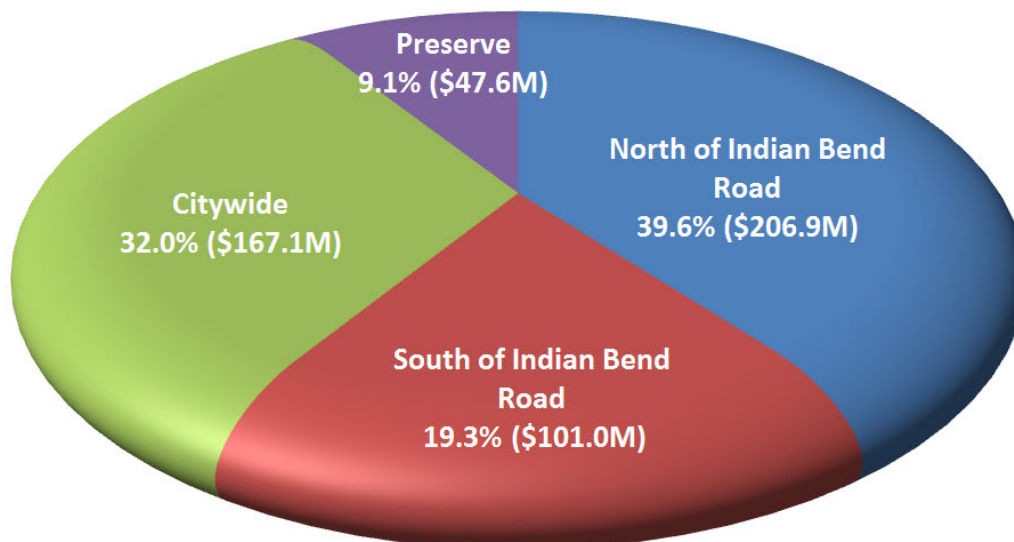
(b) Prior year unexpended estimates are based on annual cashflow assumptions.

(c) Unexpended at year end (re-budgets) estimates are based on annual cashflow assumptions.

(d) Reimbursement to CIP Water and Water Reclamation Funds.

(e) Includes payment of debt service costs of bonds that were issued for growth CIP projects that were funded with development fee revenue.

FY 2017/18 Adopted Capital Improvement Plan  
Budgeted Program Expenditure  
by Geographic Boundary  
Percent of Total - \$522,604,700\*



\*Excludes Capital and Grant Contingency of \$15.6M

<b>Fund</b>	<b>FY 2017/18 CIP Estimated Expenditures by Fund (millions)</b>
Water & Water Reclamation	69.7
Transportation	38.9
Aviation	31.3
General Government	29.6
Preservation	3.9
Internal Service	3.2
Various	1.4
RWDS	0.3
Tourism Fund	0.1
	<b>178.4</b>

### FY 2017/18 Highlights of the Capital Improvement Program

Spending is anticipated at approximately \$178.4 million for capital improvements in the fiscal year, including:

- Complete the design and begin the construction of the Aquatics Chemical System Replacement
- Begin design for the Renovate Vista del Camino Park / Indian Bend Wash Area
- Complete the construction of Fire Stations 605 and 613 as part of Bond 2015
- Complete the design and begin the construction of Fire Stations 603 and 616 as part of Bond 2015
- Continue the design and construction of the various Downtown sidewalk and lighting projects. Identify a site and begin design and construction of a new public restroom facility in the Downtown area
- Begin construction of the Granite Reef Watershed Phase 1 improvements between Indian School and McDonald Drive
- Complete the construction of the Mustang Transit Passenger Facility
- Begin construction of the extension of Raintree Drive from Scottsdale to Hayden Roads
- Begin the design of Raintree Drive from Hayden Road to Loop 101
- Complete the design of Pima Road from Pinnacle Peak to Happy Valley
- Continue the pavement rehabilitation as part of Bond 2015
- Begin design and construction of a Fleet Fuel Site Upgrade
- Begin building the Airport Terminal Area Redevelopment
- Continue improving the Reclaimed Water Distribution System (RWDS) pipeline pump stations and reservoirs
- Complete the construction of the Frank Lloyd Wright 24-inch Transmission Main and Booster Station 83B modifications from the vicinity of Loop 101 and Bell Road to Shea Boulevard
- Complete the design and begin the construction of the Thomas Groundwater Treatment Facility to treat a side stream of product water discharged from the adjacent Central Groundwater Treatment Facility (CGTF)

# CAPITAL IMPROVEMENT PLAN | Financial Summary

(In Thousands)

	Actual 2015/16	Adopted 2016/17	Forecast 2016/17	Adopted 2017/18
<b>Beginning Fund Balance <sup>(a)</sup></b>	<b>205,480.0</b>	<b>152,472.5</b>	<b>231,775.4</b>	<b>216,973.7</b>
<b>Revenues</b>				
<b>Bonds/Contracts</b>				
General Obligation Bond 2015 Program	-	-	-	28,850.0
General Obligation Preserve	-	50,000.0	-	-
Municipal Properties Corporation-Water	0.0	-	-	42,100.0
Municipal Properties Corporation-Airport	-	28,000.0	28,000.0	-
<b>Pay-As-You-Go</b>				
Water & Water Reclamation Development Fees	5,156.0	3,300.0	3,300.0	3,300.0
Grants	7,882.6	37,176.1	38,830.8	14,035.3
Intergovernmental	1,187.2	17,505.5	3,659.8	11,132.0
In-Lieu Fees	74.2	120.0	84.0	50.0
Other Contributions	10,818.1	2,534.8	2,534.8	2,534.8
Interest Earnings	1,638.4	1,300.5	1,300.4	1,572.6
Miscellaneous	375.7	-	-	-
<b>Subtotal</b>	<b>27,132.3</b>	<b>139,937.0</b>	<b>77,709.8</b>	<b>103,574.7</b>
<b>Transfers In</b>				
General Fund	7,568.1	10,223.8	11,665.6	8,165.9
Transportation Fund	14,023.2	10,216.2	10,285.4	10,491.4
CIP Transportation Fund	2.2	-	-	-
Tourism Development Fund	1,846.9	-	119.4	-
Special Programs Fund	268.5	505.9	934.9	43.5
CIP Special Programs Fund	4.6	-	-	-
Aviation Fund	263.7	823.1	828.9	215.6
Water & Water Reclamation Funds	107,622.4	38,403.7	38,403.7	41,898.8
Solid Waste Fund	2,085.3	15.6	15.6	10.5
Fleet Fund	1,384.5	95.1	95.1	1,571.5
Grants	2.5	2.8	2.8	3.8
CIP In Lieu Transportation Fund	60.0	-	-	-
Stadium Improvement IGA	75.5	67.4	67.4	67.4
Preservation Privilege Tax Fund	741.3	3,880.0	15,176.0	3,880.0
Internal Service Funds	-	3.5	3.5	2.3
<b>Subtotal</b>	<b>135,948.5</b>	<b>64,237.0</b>	<b>77,598.3</b>	<b>66,350.7</b>
<b>Total Sources</b>	<b>163,080.8</b>	<b>204,174.0</b>	<b>155,308.1</b>	<b>169,925.4</b>
<b>Total Fund Balance and New Sources</b>	<b>368,560.7</b>	<b>356,646.5</b>	<b>387,083.5</b>	<b>386,899.1</b>

(a) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) and Program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

# CAPITAL IMPROVEMENT PLAN | Financial Summary

(In Thousands)

	Actual 2015/16	Adopted 2016/17	Forecast 2016/17	Adopted 2017/18
<b>Use of Funds:</b>				
<b>Expenditures</b>				
<b>Program</b>				
Community Facilities	2,466.1	14,712.4	12,878.3	17,459.9
Preservation	1,031.1	181,463.2	15,176.0	47,589.5
Drainage / Flood Control	1,606.6	18,794.0	6,205.9	8,751.1
Public Safety	2,045.6	20,231.3	10,989.7	18,632.2
Service Facilities	3,874.0	17,140.7	6,808.3	20,056.6
Transportation	27,002.7	156,385.4	61,873.2	163,549.4
Water Management	41,647.5	232,307.9	39,683.0	246,566.1
Prior Year Unexpended <sup>(a)</sup>	-	-	-	-
<b>Subtotal</b>	<b>79,673.5</b>	<b>641,035.1</b>	<b>153,614.5</b>	<b>522,604.7</b>
<b>Less: Estimated Capital Improvement Expenditures</b>		<b>(251,046.9)</b>		<b>(178,339.6)</b>
<b>Subtotal: Unexpended at Year End</b>		<b>389,988.1</b>		<b>344,265.0</b>
<b>Transfers Out</b>				
General Fund	38.2	-	-	-
CIP General Fund	33.1	-	-	-
CIP Transportation Fund	60.0	-	-	-
Special Program Fund	20.9	-	-	-
CIP Contributions Fund	2.2	-	-	-
CIP Water & Water Reclamation Funds	39,576.5	900.0	900.0	900.0
Debt Service	15,087.2	15,595.3	15,595.3	15,720.1
Aviation Fund	418.9	-	-	-
Solid Waste Fund	1,875.0	-	-	-
<b>Subtotal</b>	<b>57,111.8</b>	<b>16,495.3</b>	<b>16,495.3</b>	<b>16,620.1</b>
<b>Total Uses</b>	<b>136,785.4</b>	<b>267,542.2</b>	<b>170,109.8</b>	<b>194,959.8</b>
<b>Ending Fund Balance</b>				
Capital Grant Contingency <sup>(b)</sup>	-	5,000.0	-	5,000.0
Capital Aviation Contingency <sup>(b)</sup>	-	250.0	250.0	250.0
Capital Aviation Grant Contingency <sup>(b)</sup>	-	3,600.1	-	3,350.1
Capital Water Fund Contingency <sup>(b)</sup>	-	-	-	2,000.0
Capital General Contingency <sup>(b)</sup>	-	9,500.0	1,720.0	5,000.0
<b>Reserved:</b>				
Reserved Fund Balance	231,775.4	89,104.2	216,973.7	191,939.3
<b>Total Ending Fund Balance</b>	<b>231,775.4</b>	<b>89,104.2</b>	<b>216,973.7</b>	<b>191,939.3</b>

(a) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) and Program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

(b) Unfunded contingencies that allow for the expenditure of unanticipated revenue are not included in the beginning or ending fund balance. City Council approval is required before use of capital contingencies.

(c) Provides budgetary appropriation set aside for capital projects that are to be identified by the CIP Subcommittee.

# CAPITAL IMPROVEMENT PLAN | Five Year Forecast

(In Thousands)

	Adopted 2017/18	Forecast 2018/19	Forecast 2019/20	Forecast 2020/21	Forecast 2021/22
<b>Beginning Fund Balance <sup>(a)</sup></b>	<b>216,973.7</b>	<b>191,939.3</b>	<b>101,604.4</b>	<b>74,148.4</b>	<b>73,597.6</b>
<b>Revenues</b>					
<b>Bonds/Contracts</b>					
General Obligation Bond 2015 Program	28,850.0	-	-	-	-
General Obligation Preserve	-	-	-	-	-
Municipal Properties Corporation-Water	42,100.0	-	-	-	-
Municipal Properties Corporation-Airport	-	-	-	-	-
<b>Pay-As-You-Go</b>					
Water & Water Reclamation Development Fees	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0
Grants	14,035.3	567.0	867.0	-	-
Intergovernmental	11,132.0	19,725.6	7,097.1	15,828.4	15,828.3
In-Lieu Fees	50.0	50.0	50.0	50.0	50.0
Other Contributions	2,534.8	2,534.8	2,534.8	2,534.8	2,534.8
Interest Earnings	1,572.6	2,028.6	2,399.0	2,782.1	3,350.5
Miscellaneous	-	-	-	-	-
<b>Subtotal</b>	<b>103,574.7</b>	<b>28,206.0</b>	<b>16,247.9</b>	<b>24,495.3</b>	<b>25,063.6</b>
<b>Transfers In</b>					
General Fund	8,165.9	11,627.2	12,711.8	13,299.5	13,775.7
Transportation Fund	10,491.4	10,872.9	13,751.9	11,463.6	11,838.6
CIP Transportation Fund	-	-	-	-	-
Tourism Development Fund	-	-	-	-	-
Special Programs Fund	43.5	295.0	20.0	20.0	20.0
CIP Special Programs Fund	-	-	-	-	-
Aviation Fund	215.6	455.0	16.4	11.8	433.6
Water & Water Reclamation Funds	41,898.8	36,364.1	38,392.2	38,711.1	37,967.5
Solid Waste Fund	10.5	34.5	19.9	16.3	27.8
Fleet Fund	1,571.5	1,484.3	119.7	12.0	20.6
Grants	3.8	12.5	7.2	5.8	10.0
CIP In Lieu Transportation Fund	-	-	-	-	-
Stadium Improvement IGA	67.4	67.4	67.4	67.4	67.4
Preservation Privilege Tax Fund	3,880.0	1,380.0	380.0	380.0	-
Internal Service Funds	2.3	7.6	4.4	3.6	6.1
<b>Subtotal</b>	<b>66,350.7</b>	<b>62,600.5</b>	<b>65,490.9</b>	<b>63,991.1</b>	<b>64,167.3</b>
<b>Total Sources</b>	<b>169,925.4</b>	<b>90,806.4</b>	<b>81,738.8</b>	<b>88,486.4</b>	<b>89,230.9</b>
<b>Total Fund Balance and New Sources</b>	<b>386,899.1</b>	<b>282,745.7</b>	<b>183,343.1</b>	<b>162,634.8</b>	<b>162,828.5</b>

(a) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) and Program (Uses). Prior year unexpended uses are based on annual cashflow estimates.



# CAPITAL IMPROVEMENT PLAN | Five Year Forecast

(In Thousands)

	Adopted 2017/18	Forecast 2018/19	Forecast 2019/20	Forecast 2020/21	Forecast 2021/22
<b>Use of Funds:</b>					
<b>Expenditures</b>					
<b>Program</b>					
Community Facilities	17,459.9	7,837.7	5,239.8	5,239.8	9,529.1
Preservation	47,589.5	1,380.0	380.0	380.0	-
Drainage / Flood Control	8,751.1	-	2,854.0	6,345.0	29,879.8
Public Safety	18,632.2	1,875.9	1,527.6	6,671.2	2,443.9
Service Facilities	20,056.6	4,154.8	3,162.8	5,282.9	8,630.2
Transportation	163,549.4	18,000.0	29,451.9	9,648.7	18,800.1
Water Management	246,566.1	50,623.0	25,650.5	23,077.5	30,590.6
Prior Year Unexpended <sup>(a)</sup>	-	344,265.0	263,520.8	239,241.4	223,531.4
<b>Subtotal</b>	<b>522,604.7</b>	<b>428,136.4</b>	<b>331,787.4</b>	<b>295,886.5</b>	<b>323,405.1</b>
<b>Less: Estimated Capital Improvement Expenditures</b>	<b>(178,339.6)</b>	<b>(164,615.6)</b>	<b>(92,546.0)</b>	<b>(72,355.1)</b>	<b>(76,361.0)</b>
<b>Subtotal: Unexpended at Year End</b>	<b>344,265.0</b>	<b>263,520.8</b>	<b>239,241.4</b>	<b>223,531.4</b>	<b>247,044.1</b>
<b>Transfers Out</b>					
General Fund	-	-	-	-	-
CIP General Fund	-	-	-	-	-
CIP Transportation Fund	-	-	-	-	-
Special Program Fund	-	-	-	-	-
CIP Contributions Fund	-	-	-	-	-
CIP Water & Water Reclamation Funds	900.0	900.0	900.0	900.0	900.0
Debt Service	15,720.1	15,625.8	15,748.7	15,782.2	15,835.0
Aviation Fund	-	-	-	-	-
Solid Waste Fund	-	-	-	-	-
<b>Subtotal</b>	<b>16,620.1</b>	<b>16,525.8</b>	<b>16,648.7</b>	<b>16,682.2</b>	<b>16,735.0</b>
<b>Total Uses</b>	<b>194,959.8</b>	<b>181,141.4</b>	<b>109,194.7</b>	<b>89,037.2</b>	<b>93,095.9</b>
<b>Ending Fund Balance</b>					
Capital Grant Contingency <sup>(b)</sup>	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0
Capital Aviation Contingency <sup>(b)</sup>	250.0	-	-	-	-
Capital Aviation Grant Contingency <sup>(b)</sup>	3,350.1	-	-	-	-
Capital Water Fund Contingency <sup>(b)</sup>	2,000.0	-	-	-	-
Capital General Contingency <sup>(b)</sup>	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0
<b>Reserved:</b>					
Reserved Fund Balance	191,939.3	101,604.4	74,148.4	73,597.6	69,732.6
<b>Total Ending Fund Balance</b>	<b>191,939.3</b>	<b>101,604.4</b>	<b>74,148.4</b>	<b>73,597.6</b>	<b>69,732.6</b>

(a) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) and Program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

(b) Unfunded contingencies that allow for the expenditure of unanticipated revenue are not included in the beginning or ending fund balance. City Council approval is required before use of capital contingencies.

(c) Provides budgetary appropriation set aside for capital projects that are to be identified by the CIP Subcommittee.



FY 2017/18 Adopted Budget



07 18 2017



# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

The **Project List** section includes three lists. These lists summarize all capital projects in 1) alphabetical order, 2) city division and 3) program. The lists reflect each project's adopted FY 2017/18 budget with the forecasted funding through FY 2021/22. The forecasted funding, which includes FY 2018/19 through FY 2021/22, was not adopted by the City Council as part of the FY 2017/18 budget adoption. This information serves as part of the city's long-term capital planning process and will be revisited and updated in future budget reviews. Following the three project lists is the Operating Impacts section that includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2017/18 are calculated and included in the Adopted Operating Budget. Next are project descriptions which include detailed information arranged by major program on each of the city's capital projects, including Community Facilities, Preservation, Drainage/Flood Control, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes project location, project description, funding source(s) and project number, if applicable.

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
118th Street: Ranch Gate to Dynamite Boulevard (TD02)	650.0	-	-	-	-	650.0	102
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB55)	246.1	-	-	-	-	246.1	102
9-1-1 Voice Logging Recorder Replacement (MB60)	30.3	-	-	-	-	30.3	74
Additional Compressed Natural Gas (CNG) Station (BC01)	2,537.2	-	-	-	-	2,537.2	80
Additional Servers for Digital Evidence and Forensic Recovery (JB63)	31.4	-	-	-	-	31.4	74
Advance Water Treatment Plant Membranes - Wastewater (VB69)	3.2	401.2	812.6	544.8	1,213.8	2,975.6	129
Advance Water Treatment Plant Membranes Project (TEMP1888)	-	70.8	143.4	96.2	214.2	524.6	139
Advanced Mobile Solutions (JB61)	105.1	-	-	-	-	105.1	74
Advanced Traffic Signal Control Cabinets - Phase I (TC04)	686.3	-	-	-	-	686.3	112
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	720.0	-	-	720.0	112
Air Park Zone 4 Water Transmission Main (WD02)	1,699.9	-	-	-	-	1,699.9	139
Airport Future Grants Contingency (ZB53)	3,350.1	-	-	-	-	3,350.1	97
Airport Pavement Preservation Program (AB52)	521.3	100.0	-	-	-	621.3	97
Airport Terminal Area Redevelopment Project (AB59)	25,229.0	-	-	-	-	25,229.0	97
Amy's Test Project (AmyTest)	1,213.0	100.0	-	-	-	1,313.0	0
Apron Reconstruction - Delta Apron (AC02)	3,800.0	-	-	-	-	3,800.0	98
Aquatics Chemical System Replacement (PD01)	1,860.2	1,460.2	-	-	-	3,320.4	45
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (TB58)	1,504.2	-	-	-	-	1,504.2	117
Arts in Public Places (DE05)	538.9	-	-	-	-	538.9	45
Aviation Match Contingency (ZB52)	250.0	-	-	-	-	250.0	98
Ballistic Glass at Police Department Facilities (BE02)	335.7	-	-	-	-	335.7	75
* Bikeways Program (YE28)	430.0	500.0	500.0	500.0	500.0	2,430.0	117
* Bikeways Program (YD28)	152.2	-	-	-	-	152.2	118
Booster Pump Station 42B Infrastructure Improvements (WB67)	495.5	-	-	-	-	495.5	139
Booster Station 57 Replacement (WE01)	2,830.0	-	-	-	-	2,830.0	140
Booster Station Upgrades (WB76)	4,717.5	2,930.0	1,945.0	1,596.6	1,277.0	12,466.1	140
* Bus Stop Improvements (YB82)	19.0	-	-	-	-	19.0	118
Cameras & Communication Equipment for Special Events and Surveillance Investigations (JB60)	20.7	-	-	-	-	20.7	75
Campus/Central Arizona Project Drainage & Paving Improvements (Wastewater) (VB68)	1,804.6	-	-	-	-	1,804.6	129
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB73)	442.3	-	-	-	-	442.3	140
Central Area Trail Construction (DB52)	289.1	-	-	-	-	289.1	64
Chaparral Water Treatment Plant Intake Screens (WB62)	932.5	-	-	-	-	932.5	141

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
Chaparral Water Treatment Plant Pretreatment (WB56)	2,220.6	15,000.0	-	-	-	17,220.6	141
CIP Contingency (ZB50)	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0	23,000.0	84
CIP Contingency for Future Grants (ZB51)	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	84
City Court Customer Service Counters and Lobby Remodel (BE01)	23.5	275.0	-	-	-	298.5	80
* Citywide Audio/Video Equipment Replacement (YE04)	147.2	74.1	14.2	114.5	130.8	480.8	84
Civic Center Library Scottsdale Heritage Connection (TEMP1759)	-	-	-	-	657.9	657.9	44
Civic Center Library Story Time Room Expansion (TEMP1753)	-	-	-	-	291.4	291.4	44
Civic Center Mall Renovations (DC01)	87.8	-	-	-	-	87.8	46
Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement (JD05)	665.0	407.7	239.8	239.8	71.9	1,624.2	75
Crime Lab Latent Print Comparison and AFIS Room (JD06)	124.7	-	-	-	-	124.7	76
* Crime Laboratory Equipment Replacement (YD03)	29.5	-	-	-	-	29.5	76
* Crime Laboratory Equipment Replacement (YE03)	239.8	323.7	295.9	288.9	141.7	1,290.0	76
Cross Roads East Wastewater (VB51)	3,930.0	-	-	-	-	3,930.0	130
Cross Roads East Water (WB50)	4,604.9	-	-	-	-	4,604.9	141
Crosscut Canal Bridge and Path (TB63)	893.7	-	-	-	-	893.7	119
Data Center Resiliency Plan (JD01)	4,770.2	-	-	-	-	4,770.2	85
Deep Well Recharge/Recovery Facilities (WB61)	4,163.7	-	-	-	375.0	4,538.7	142
Desert Discovery Center Business Plan & Feasibility Analysis (DC02)	485.7	-	-	-	-	485.7	46
Downtown Entertainment District Street & Pedestrian Lighting (DE02)	373.3	-	-	-	-	373.3	47
Downtown Main Street Streetscape & Pedestrian Improvements (DE03)	2,289.7	-	-	-	-	2,289.7	119
Downtown Marshall Way Lighting & Electrical Outlets (DD02)	576.8	-	-	-	-	576.8	47
Downtown Public Restroom Main Street (DD01)	720.7	-	-	-	-	720.7	47
Downtown Sidewalk Improvements (TD01)	3,694.2	-	-	-	-	3,694.2	120
Downtown Splash Pad (PE01)	169.9	-	-	-	-	169.9	48
Downtown Stormwater Pump Station Rehabilitation (VD02)	1,191.5	-	-	-	-	1,191.5	130
East Dynamite Area Transmission Main (WD01)	4,799.8	-	-	-	-	4,799.8	142
Enterprise Resource Planning System (TEMP1833)	-	-	-	-	4,488.0	4,488.0	85
Environmental Assessment for Land Acquisition (TEMPAB57)	-	-	199.9	-	-	199.9	98
Erosion Protection/Wildlife Mitigation - Runway Approach Area (AC01)	183.1	-	-	-	-	183.1	99
Expanded McDowell Sonoran Preserve (PB66)	32,709.8	-	-	-	-	32,709.8	64
* Facilities Repair and Maintenance Program (YD01)	396.8	-	-	-	-	396.8	81
* Facilities Repair and Maintenance Program (YE01)	1,855.7	1,830.1	1,769.6	2,191.5	2,079.0	9,725.9	81
Fire Station 603 Relocation (BC04)	4,168.2	-	-	-	-	4,168.2	70
Fire Station 605 Renovation (BC05)	726.8	-	-	-	-	726.8	71
Fire Station 613 Construction (BC02)	5,258.7	-	-	-	-	5,258.7	71
Fire Station 613 Design (BB52)	191.4	-	-	-	-	191.4	72
Fire Station 616 Design and Construction (BC03)	3,672.1	-	-	-	-	3,672.1	72
Fleet Fuel Site Upgrade (BE03)	3,127.4	-	-	-	-	3,127.4	82
Fraesfield and Granite Mountain Trailheads (PD04)	5,983.3	1,000.0	-	-	-	6,983.3	65
Frank Lloyd Wright 24-inch Transmission Main & Booster Station 83B Modifications (WC03)	10,785.2	-	-	-	-	10,785.2	143
Frank Lloyd Wright-Scottsdale Rd to Shea (SB50)	222.4	-	-	-	-	222.4	103

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
Gainey Ranch WWTP Reuse Recharge (VC03)	293.7	-	-	-	-	293.7	131
Granite Reef Watershed (FB50)	6,062.6	-	2,529.0	6,345.0	29,879.8	44,816.4	58
Hayden & Thunderbird Roads Waterline Replacement (WC06)	1,221.8	-	-	-	-	1,221.8	143
Hayden/Thomas Safety Improvements (TB57)	2,034.5	-	-	-	-	2,034.5	113
HVID - Harquahala Valley Irrigation District - Scottsdale Share (WC04)	1,150.0	-	-	-	-	1,150.0	144
Hydrogen Sulfide Mitigation (VB63)	103.0	-	-	-	-	103.0	131
Indian Bend Wash Lakes Phase I (PB63)	796.6	-	-	-	-	796.6	52
* Intersection Improvements (YD19)	234.4	-	-	-	-	234.4	113
* Intersection Improvements (YE19)	830.0	900.0	900.0	900.0	900.0	4,430.0	114
* Intersection Mobility Enhancements (YC19)	8.7	-	-	-	-	8.7	114
Irrigation Control System (TEMP1664)	-	-	-	1,368.9	-	1,368.9	85
Irrigation Water Distribution System Improvements (WB57)	3,475.9	-	-	-	-	3,475.9	144
IT - Information Lifecycle Management (MB58)	122.7	-	-	-	-	122.7	86
* IT - Network Infrastructure (YE07)	381.7	419.6	441.5	566.7	1,368.0	3,177.5	86
* IT - Network Infrastructure (YD07)	277.8	-	-	-	-	277.8	87
* IT - Network Infrastructure (YC07)	-0.2	-	-	-	-	-0.2	87
* IT - Server Infrastructure (YD08)	505.8	-	-	-	-	505.8	88
* IT - Server Infrastructure (YE08)	349.7	978.5	937.5	564.5	564.4	3,394.6	89
* IT - Server Infrastructure (YB70)	68.0	-	-	-	-	68.0	88
* IT - Server Infrastructure (YC08)	61.2	-	-	-	-	61.2	89
ITS/Signal System Upgrades (TB56)	781.3	-	-	-	-	781.3	114
IT-Web Content Management SW (MB51)	92.3	-	-	-	-	92.3	90
IWDS / Harquahala Valley Irrigation District Property - Desert Mountain Golf Club (WB69)	15,454.1	-	-	-	-	15,454.1	144
IWDS / Harquahala Valley Irrigation District Property - Scottsdale National Golf Club (WB80)	4,194.1	-	-	-	-	4,194.1	145
Lab Information Management System (LIMS) Integration (MB62)	111.5	-	-	-	-	111.5	77
Land Acquisition 4.0 Acres (TEMP1882)	-	-	-	-	9,500.1	9,500.1	99
License and Permit Management System (JD04)	472.5	-	-	-	-	472.5	90
Lobby Queuing System Replacements (JD03)	84.0	-	-	-	-	84.0	90
Loop 101 Detention Basin (FB53)	661.2	-	-	-	-	661.2	58
Marshall Way Entry Feature (DB57)	63.7	-	-	-	-	63.7	48
Master Plan - Water (WB78)	711.3	520.0	-	-	-	1,231.3	145
Master Plan Water Reclamation (VB70)	438.5	350.0	-	-	-	788.5	132
McCormick Park Reservoir Removal (PD03)	311.1	-	-	-	-	311.1	52
McDowell Road - Berm Landscaping (DE01)	964.5	-	-	-	-	964.5	53
McDowell Road Bicycle Lanes from Pima Road to 64th Street (SD01)	3,721.9	-	-	-	-	3,721.9	103
Miller Road Underpass at the 101 Freeway (SC03)	691.5	-	19,005.7	-	-	19,697.2	104
Mobile Network Software (MB57)	232.8	-	-	-	-	232.8	91
Museum of the West Permanent Hopi Pottery Gallery (DD04)	119.4	-	-	-	-	119.4	49
Mustang Transit Passenger Facility (TB50)	5,503.6	-	-	-	-	5,503.6	120
National Fire Protection Association (NFPA) Station Standards (TEMP1484)	-	-	-	4,639.8	-	4,639.8	73
* Neighborhood Stormwater Management Improvements (YD05)	61.5	-	-	-	-	61.5	59
* Neighborhood Stormwater Management Improvements (YC05)	39.9	-	-	-	-	39.9	59
* Neighborhood Traffic Management Program (YD21)	94.1	-	-	-	-	94.1	115

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
* Neighborhood Traffic Management Program (YE21)	180.0	250.0	250.0	250.0	250.0	1,180.0	115
North and Central Area Access Control & Stabilization (PB54)	1,610.2	100.0	100.0	100.0	-	1,910.2	65
North Area Trail Construction (PB50)	1,084.4	100.0	100.0	100.0	-	1,384.4	66
North Corp Yard CNG Compliance (BB53)	499.5	-	-	-	-	499.5	82
North Hall Arenas (DD05)	9.1	-	-	-	-	9.1	49
Online Bill Payment and Presentment System (JB65)	263.2	-	-	-	-	263.2	91
Outfalls (PE02)	455.0	-	-	-	-	455.0	53
Park Building Improvements (TEMP1131)	-	-	-	-	3,340.0	3,340.0	54
* Pavement Overlay Program (YD29)	815.2	-	-	-	-	815.2	104
* Pavement Overlay Program (YE29)	6,550.0	6,550.0	6,550.0	6,550.0	6,550.0	32,750.0	104
Pavement Replacement (TC06)	8,401.3	-	-	-	-	8,401.3	105
Payroll System Replacement (JB59)	390.9	-	-	-	-	390.9	92
Pima Road - Pinnacle Peak to Happy Valley (SC01)	7,956.3	-	-	-	-	7,956.3	105
Pima Road: Via Linda to Via de Ventura (SB57)	1,803.0	-	-	-	-	1,803.0	106
Pima Road: Krail Street to Chaparral Road (SC04)	13,512.7	-	-	-	-	13,512.7	106
Pima/Dynamite Trailhead (PB65)	4,402.2	-	-	-	-	4,402.2	66
* Police Portable & Vehicle Radio Replacement (YE06)	1,144.5	1,144.5	991.9	991.9	991.9	5,264.7	77
Policy & Standards Management Software (MB63)	25.8	-	-	-	-	25.8	77
Preserve Trail, Habitat & Safety Improvements (PB52)	105.7	30.0	30.0	30.0	-	195.7	66
Princess Drive Drainage Project (FC01)	983.1	-	325.0	-	-	1,308.1	60
Public Safety Radio Network Lifecycle Project (JD02)	-	-	-	476.8	-	476.8	92
Public Safety Radio System - Phase I - Final Conversion (MC01)	345.5	-	-	-	-	345.5	78
Radio Telemetry Monitoring Automation Citywide - Wastewater (VB58)	963.0	350.0	275.0	450.0	70.0	2,108.0	132
Radio Telemetry Monitoring Automation Citywide - Water (WB60)	916.8	290.0	215.0	220.4	447.0	2,089.2	145
Raintree Drive: Scottsdale Road to Hayden Road (SB53)	19,329.8	-	-	-	-	19,329.8	107
Raintree Drive: Hayden Road to Loop 101 (SC02)	9,006.0	-	-	-	-	9,006.0	108
Reata Wash Flood Control (FB55)	-14.5	-	-	-	-	-14.5	61
Reclamation Regulatory Compliance (VB59)	250.0	-	-	-	-	250.0	132
Reconstruct Taxiway "A" and Exits (AB60)	4,101.5	-	-	-	-	4,101.5	99
Reconstruct Transient Parking Apron (AE02)	2,300.0	-	-	-	-	2,300.0	100
Records Management System & Computer Aided Dispatch Enhancements and Refresh (JB62)	395.1	-	-	510.8	-	905.9	78
Redfield Road: Raintree Drive to Hayden Road (SB56)	2,142.9	-	-	-	-	2,142.9	108
Regional Recharge Basins (WB74)	3,901.4	2,600.0	-	-	-	6,501.4	146
Rehabilitate Runway 03/21 (AB61)	600.0	6,700.0	-	-	-	7,300.0	100
Rehabilitate Taxiway "C" (TEMP975)	-	-	26.3	148.7	-	175.0	100
Relocate Electrical Vault and Beacon (AD01)	139.7	-	-	-	-	139.7	101
Renovate Fire Station 606 (TEMP1734)	-	-	-	-	1,238.4	1,238.4	73
Renovate Vista del Camino Park/Indian Bend Wash Area (PD05)	2,224.9	6,175.3	5,037.6	5,037.6	5,037.6	23,513.0	54
Replace Drainage Grates (SB58)	203.1	100.0	100.0	100.0	-	503.1	109
Risk Management System (TEMP1836)	-	577.5	-	-	-	577.5	93
Runway Guard Lights (AE01)	300.0	1,700.0	-	-	-	2,000.0	101
RWDS Improvements (VB52)	4,058.6	1,500.0	1,500.0	1,500.0	1,500.0	10,058.6	133
Sanitary Sewer Lateral Rehabilitation (VB67)	89.1	50.0	50.0	50.0	50.0	289.1	133
Scottsdale Road Preservation Streetscape Enhancement (DB50)	3,113.5	-	-	-	-	3,113.5	49

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
Scottsdale Stadium Infrastructure Improvements (PB57)	1,015.5	202.2	202.2	202.2	202.2	1,824.3	55
Scottsdale Stadium Masterplan (PC03)	103.2	-	-	-	-	103.2	55
Scottsdale Stadium Osborn Road APS Improvements (PD06)	67.4	-	-	-	-	67.4	55
Scottsdale Stadium Safety Repairs & Maintenance (PD02)	1,089.8	-	-	-	-	1,089.8	56
Second Street Bike Path Connection (SD02)	323.1	-	-	-	-	323.1	109
Shea Underpass Access at 124th Street (TB66)	1,316.5	-	-	-	-	1,316.5	121
* Sidewalk Improvements (YD20)	25.4	-	-	-	-	25.4	121
* Sidewalk Improvements (YE20)	276.5	350.0	350.0	350.0	350.0	1,676.5	122
Site 71 Well Site and Water Booster Station (WB63)	447.6	-	-	-	-	447.6	146
SkySong - ASU Scottsdale Center for Innovation - Art Component (DC03)	404.8	-	-	-	-	404.8	50
Skysong Center Transit Passenger Facility and Sidewalk Improvements (TB51)	1,929.8	-	-	-	-	1,929.8	122
Solid Waste Vehicle Monitoring System (JB66)	330.6	-	-	-	-	330.6	93
South Area Access Control (PB61)	311.5	150.0	150.0	150.0	-	761.5	67
South Area Trail Construction (PB51)	569.1	-	-	-	-	569.1	67
Southbound Loop 101 Frontage Road Connections (SB54)	4,199.9	-	-	-	-	4,199.9	110
SROG Operations & Solids Improvements (VB57)	1,380.9	-	-	-	-	1,380.9	133
SROG Sewage Transmission Line (VB50)	20,040.5	-	-	-	-	20,040.5	134
SROG SRO / SAI Interceptor Odor Control (VB60)	8,506.2	-	-	-	-	8,506.2	134
* SROG Wastewater Treatment Plant (YD24)	1,998.3	-	-	-	-	1,998.3	135
* SROG Wastewater Treatment Plant (YC24)	532.3	-	-	-	-	532.3	134
SROG Wastewater Treatment Plant Improvements (VE02)	3,900.0	1,750.0	1,000.0	900.0	950.0	8,500.0	135
SROG Water Reclamation Capacity Management (VB55)	442.2	-	-	-	-	442.2	135
Street Operations North Storage Facility (BD02)	495.0	-	-	-	-	495.0	83
Street Operations Work and Asset Management System (JB56)	149.4	-	-	-	-	149.4	93
* Streetlight Replacement (YE30)	200.0	200.0	200.0	200.0	200.0	1,000.0	110
Technology Master Plan Identified Wastewater Projects (VE01)	1,000.0	1,000.0	-	-	-	2,000.0	136
Technology Master Plan Identified Water Projects (WE02)	2,000.0	2,000.0	-	-	-	4,000.0	147
Thomas Groundwater Treatment Facility (WC07)	24,149.0	-	-	-	-	24,149.0	147
Thomas Road Corridor ITS Improvements (TC07)	92.1	-	-	-	-	92.1	115
Tony Nelssen Equestrian Center Expansion (DB54)	39.0	-	-	-	-	39.0	50
TPC Golf Course Water Stations (PC04)	153.8	-	-	-	-	153.8	50
* Traffic Signal Construction (YD23)	28.2	-	-	-	-	28.2	116
* Traffic Signal Construction (YE23)	230.0	300.0	300.0	300.0	300.0	1,430.0	116
* Traffic Signal Construction (YC23)	29.8	-	-	-	-	29.8	116
* Trail Improvement Program (YE18)	250.0	250.0	250.0	250.0	250.0	1,250.0	122
* Trail Improvement Program (YB71)	35.8	-	-	-	-	35.8	123
* Trail Improvement Program (YD18)	347.6	-	-	-	-	347.6	123
Transit Bus Purchases (TB67)	5,711.0	-	-	-	-	5,711.0	123
Transit Route 72 Improvements (TC08)	334.8	-	-	-	-	334.8	124
Transit Stop Improvements (TC03)	163.8	100.0	100.0	100.0	-	463.8	124
Upper Camelback Wash Watershed (FB51)	560.5	-	-	-	-	560.5	61
Via Linda Traffic Circles (SE01)	500.0	-	-	-	-	500.0	111
Wastewater Collection System Improvements (VB62)	15,488.6	4,393.5	2,750.0	2,225.0	5,500.0	30,357.1	136
Wastewater Fund Contingency (ZE01)	1,000.0	-	-	-	-	1,000.0	136

\*Recurring Capital Maintenance Projects.





# Five-Year Capital Improvement Plan

## FY 2017/18 – 2021/22 Sorted by Alphabetical

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
Wastewater Impact Fees (VC01)	197.5	-	-	-	-	197.5	137
Wastewater Oversizing (VB53)	238.2	50.0	-	100.0	-	388.2	137
Wastewater Technology Master Plan (VB66)	36.3	100.0	-	-	-	136.3	137
Wastewater Treatment Facility Improvements (VD01)	5,002.2	1,930.0	1,250.0	1,550.0	3,750.0	13,482.2	138
Water and Sewer System Optimization (WB55)	511.9	-	-	-	-	511.9	147
Water Campus Vadose Well Rehabilitation (WB79)	625.3	50.0	50.0	285.0	1,750.0	2,760.3	148
Water Distribution System Improvements (WB77)	11,913.1	7,250.0	8,600.0	6,750.0	6,340.0	40,853.1	148
Water Fund Contingency (ZE02)	2,000.0	-	-	-	-	2,000.0	148
Water Impact Fees (WC01)	198.2	-	-	-	-	198.2	149
Water Meter Replacement Program (WB66)	2,723.9	2,230.0	2,230.0	2,230.0	2,230.0	11,643.9	149
Water Oversizing (WB53)	355.6	-	-	-	-	355.6	149
Water Participation Program (WB54)	1,172.4	-	-	-	-	1,172.4	150
Water Reclamation Participation Program (VB56)	1,013.4	750.0	500.0	-	-	2,263.4	138
Water Reclamation Security Enhancements (VB54)	492.3	400.0	350.0	325.0	300.0	1,867.3	138
Water Resources Impact Fees (WC02)	200.9	-	-	-	-	200.9	150
Water System Security Enhancement Projects (WE03)	410.0	280.0	400.0	450.0	375.0	1,915.0	150
* Water System Security Enhancements (YD26)	25.3	-	-	-	-	25.3	151
Water Technology Master Plan (WB72)	66.1	150.0	-	-	300.0	516.1	151
Water Treatment Facility Improvements (WD04)	8,435.5	3,100.0	2,950.0	2,425.0	3,250.0	20,160.5	151
Water Treatment Plant Membranes (WB71)	1,687.3	1,127.5	379.5	379.5	475.0	4,048.8	152
Well Sites (WB75)	975.9	-	-	-	-	975.9	152
Well Sites Rehabilitation (WB51)	1,685.4	-	250.0	250.0	223.6	2,409.0	152
WestWorld Improvements (WB58)	594.3	-	-	750.0	-	1,344.3	153
WestWorld Internet for TNEC (DE04)	218.0	-	-	-	-	218.0	94
WestWorld Tent Removal (DD03)	676.6	-	-	-	-	676.6	51
WestWorld Trail Connections (TC02)	4,805.3	-	-	-	-	4,805.3	125
Wide Area Network Fiber (MB53)	95.9	-	-	-	-	95.9	94
Zone 14/16 Water Improvements Phase 2 (WB70)	14,106.8	-	-	-	-	14,106.8	153
Zone 2 Water System Improvements (WC05)	8,480.5	-	-	-	-	8,480.5	153
Zone 3W Water System Improvements (WD03)	4,775.0	-	-	-	-	4,775.0	154

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# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Division

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Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Administrative Services</b>							
* Citywide Audio/Video Equipment Replacement (YE04)	147.2	74.1	14.2	114.5	130.8	480.8	84
Data Center Resiliency Plan (JD01)	4,770.2	-	-	-	-	4,770.2	85
IT - Information Lifecycle Management (MB58)	122.7	-	-	-	-	122.7	86
* IT - Network Infrastructure (YE07)	381.7	419.6	441.5	566.7	1,368.0	3,177.5	86
* IT - Network Infrastructure (YD07)	277.8	-	-	-	-	277.8	87
* IT - Network Infrastructure (YC07)	-0.2	-	-	-	-	-0.2	87
* IT - Server Infrastructure (YD08)	505.8	-	-	-	-	505.8	88
* IT - Server Infrastructure (YE08)	349.7	978.5	937.5	564.5	564.4	3,394.6	89
* IT - Server Infrastructure (YB70)	68.0	-	-	-	-	68.0	88
* IT - Server Infrastructure (YC08)	61.2	-	-	-	-	61.2	89
IT-Web Content Management SW (MB51)	92.3	-	-	-	-	92.3	90
Mobile Network Software (MB57)	232.8	-	-	-	-	232.8	91
Public Safety Radio Network Lifecycle Project (JD02)	-	-	-	476.8	-	476.8	92
Public Safety Radio System - Phase I - Final Conversion (MC01)	345.5	-	-	-	-	345.5	78
Wide Area Network Fiber (MB53)	95.9	-	-	-	-	95.9	94
<b>C&amp;ED - Airport</b>							
Airport Future Grants Contingency (ZB53)	3,350.1	-	-	-	-	3,350.1	97
Airport Pavement Preservation Program (AB52)	521.3	100.0	-	-	-	621.3	97
Airport Terminal Area Redevelopment Project (AB59)	25,229.0	-	-	-	-	25,229.0	97
Amy's Test Project (AmyTest)	1,213.0	100.0	-	-	-	1,313.0	0
Apron Reconstruction - Delta Apron (AC02)	3,800.0	-	-	-	-	3,800.0	98
Aviation Match Contingency (ZB52)	250.0	-	-	-	-	250.0	98
Environmental Assessment for Land Acquisition (TEMPAB57)	-	-	199.9	-	-	199.9	98
Erosion Protection/Wildlife Mitigation - Runway Approach Area (AC01)	183.1	-	-	-	-	183.1	99
Land Acquisition 4.0 Acres (TEMP1882)	-	-	-	-	9,500.1	9,500.1	99
Reconstruct Taxiway "A" and Exits (AB60)	4,101.5	-	-	-	-	4,101.5	99
Reconstruct Transient Parking Apron (AE02)	2,300.0	-	-	-	-	2,300.0	100
Rehabilitate Runway 03/21 (AB61)	600.0	6,700.0	-	-	-	7,300.0	100
Rehabilitate Taxiway "C" (TEMP975)	-	-	26.3	148.7	-	175.0	100
Relocate Electrical Vault and Beacon (AD01)	139.7	-	-	-	-	139.7	101
Runway Guard Lights (AE01)	300.0	1,700.0	-	-	-	2,000.0	101
<b>C&amp;ED - Planning &amp; Development</b>							
Granite Reef Watershed (FB50)	6,062.6	-	2,529.0	6,345.0	29,879.8	44,816.4	58
Loop 101 Detention Basin (FB53)	661.2	-	-	-	-	661.2	58
McDowell Road - Berm Landscaping (DE01)	964.5	-	-	-	-	964.5	53
* Neighborhood Stormwater Management Improvements (YD05)	61.5	-	-	-	-	61.5	59
* Neighborhood Stormwater Management Improvements (YC05)	39.9	-	-	-	-	39.9	59
Princess Drive Drainage Project (FC01)	983.1	-	325.0	-	-	1,308.1	60
Reata Wash Flood Control (FB55)	-14.5	-	-	-	-	-14.5	61
Scottsdale Road Preservation Streetscape Enhancement (DB50)	3,113.5	-	-	-	-	3,113.5	49
Upper Camelback Wash Watershed (FB51)	560.5	-	-	-	-	560.5	61

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# Five-Year Capital Improvement Plan

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<b>C&amp;ED - Tourism &amp; Events</b>							
Civic Center Mall Renovations (DC01)	87.8	-	-	-	-	87.8	46
Downtown Entertainment District Street & Pedestrian Lighting (DE02)	373.3	-	-	-	-	373.3	47
Downtown Main Street Streetscape & Pedestrian Improvements (DE03)	2,289.7	-	-	-	-	2,289.7	119
Downtown Marshall Way Lighting & Electrical Outlets (DD02)	576.8	-	-	-	-	576.8	47
Downtown Public Restroom Main Street (DD01)	720.7	-	-	-	-	720.7	47
Marshall Way Entry Feature (DB57)	63.7	-	-	-	-	63.7	48
Museum of the West Permanent Hopi Pottery Gallery (DD04)	119.4	-	-	-	-	119.4	49
<b>C&amp;ED - Transportation</b>							
118th Street: Ranch Gate to Dynamite Boulevard (TD02)	650.0	-	-	-	-	650.0	102
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB55)	246.1	-	-	-	-	246.1	102
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (TB58)	1,504.2	-	-	-	-	1,504.2	117
* Bikeways Program (YE28)	430.0	500.0	500.0	500.0	500.0	2,430.0	117
* Bikeways Program (YD28)	152.2	-	-	-	-	152.2	118
* Bus Stop Improvements (YB82)	19.0	-	-	-	-	19.0	118
Crosscut Canal Bridge and Path (TB63)	893.7	-	-	-	-	893.7	119
Downtown Sidewalk Improvements (TD01)	3,694.2	-	-	-	-	3,694.2	120
Frank Lloyd Wright–Scottsdale Rd to Shea (SB50)	222.4	-	-	-	-	222.4	103
Hayden/Thomas Safety Improvements (TB57)	2,034.5	-	-	-	-	2,034.5	113
* Intersection Improvements (YD19)	234.4	-	-	-	-	234.4	113
* Intersection Improvements (YE19)	830.0	900.0	900.0	900.0	900.0	4,430.0	114
* Intersection Mobility Enhancements (YC19)	8.7	-	-	-	-	8.7	114
McDowell Road Bicycle Lanes from Pima Road to 64th Street (SD01)	3,721.9	-	-	-	-	3,721.9	103
Miller Road Underpass at the 101 Freeway (SC03)	691.5	-	19,005.7	-	-	19,697.2	104
Mustang Transit Passenger Facility (TB50)	5,503.6	-	-	-	-	5,503.6	120
* Neighborhood Traffic Management Program (YD21)	94.1	-	-	-	-	94.1	115
* Neighborhood Traffic Management Program (YE21)	180.0	250.0	250.0	250.0	250.0	1,180.0	115
Pima Road - Pinnacle Peak to Happy Valley (SC01)	7,956.3	-	-	-	-	7,956.3	105
Pima Road: Via Linda to Via de Ventura (SB57)	1,803.0	-	-	-	-	1,803.0	106
Pima Road: Krail Street to Chaparral Road (SC04)	13,512.7	-	-	-	-	13,512.7	106
Raintree Drive: Scottsdale Road to Hayden Road (SB53)	19,329.8	-	-	-	-	19,329.8	107
Raintree Drive: Hayden Road to Loop 101 (SC02)	9,006.0	-	-	-	-	9,006.0	108
Redfield Road: Raintree Drive to Hayden Road (SB56)	2,142.9	-	-	-	-	2,142.9	108
Second Street Bike Path Connection (SD02)	323.1	-	-	-	-	323.1	109
Shea Underpass Access at 124th Street (TB66)	1,316.5	-	-	-	-	1,316.5	121
* Sidewalk Improvements (YD20)	25.4	-	-	-	-	25.4	121
* Sidewalk Improvements (YE20)	276.5	350.0	350.0	350.0	350.0	1,676.5	122
Skysong Center Transit Passenger Facility and Sidewalk Improvements (TB51)	1,929.8	-	-	-	-	1,929.8	122
Southbound Loop 101 Frontage Road Connections (SB54)	4,199.9	-	-	-	-	4,199.9	110
* Traffic Signal Construction (YD23)	28.2	-	-	-	-	28.2	116
* Traffic Signal Construction (YE23)	230.0	300.0	300.0	300.0	300.0	1,430.0	116
* Traffic Signal Construction (YC23)	29.8	-	-	-	-	29.8	116

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Division

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>C&amp;ED - Transportation</b>							
* Trail Improvement Program (YE18)	250.0	250.0	250.0	250.0	250.0	1,250.0	122
* Trail Improvement Program (YB71)	35.8	-	-	-	-	35.8	123
* Trail Improvement Program (YD18)	347.6	-	-	-	-	347.6	123
Transit Bus Purchases (TB67)	5,711.0	-	-	-	-	5,711.0	123
Transit Route 72 Improvements (TC08)	334.8	-	-	-	-	334.8	124
Transit Stop Improvements (TC03)	163.8	100.0	100.0	100.0	-	463.8	124
Via Linda Traffic Circles (SE01)	500.0	-	-	-	-	500.0	111
WestWorld Trail Connections (TC02)	4,805.3	-	-	-	-	4,805.3	125
<b>C&amp;ED - WestWorld</b>							
North Hall Arenas (DD05)	9.1	-	-	-	-	9.1	49
Tony Nelssen Equestrian Center Expansion (DB54)	39.0	-	-	-	-	39.0	50
WestWorld Internet for TNEC (DE04)	218.0	-	-	-	-	218.0	94
WestWorld Tent Removal (DD03)	676.6	-	-	-	-	676.6	51
<b>City Court</b>							
City Court Customer Service Counters and Lobby Remodel (BE01)	23.5	275.0	-	-	-	298.5	80
Lobby Queuing System Replacements (JD03)	84.0	-	-	-	-	84.0	90
<b>City Treasurer</b>							
CIP Contingency (ZB50)	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0	23,000.0	84
CIP Contingency for Future Grants (ZB51)	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	84
Enterprise Resource Planning System (TEMP1833)	-	-	-	-	4,488.0	4,488.0	85
License and Permit Management System (JD04)	472.5	-	-	-	-	472.5	90
Online Bill Payment and Presentment System (JB65)	263.2	-	-	-	-	263.2	91
Payroll System Replacement (JB59)	390.9	-	-	-	-	390.9	92
Risk Management System (TEMP1836)	-	577.5	-	-	-	577.5	93
<b>Community Services</b>							
Aquatics Chemical System Replacement (PD01)	1,860.2	1,460.2	-	-	-	3,320.4	45
Central Area Trail Construction (DB52)	289.1	-	-	-	-	289.1	64
Civic Center Library Scottsdale Heritage Connection (TEMP1759)	-	-	-	-	657.9	657.9	44
Civic Center Library Story Time Room Expansion (TEMP1753)	-	-	-	-	291.4	291.4	44
Desert Discovery Center Business Plan & Feasibility Analysis (DC02)	485.7	-	-	-	-	485.7	46
Downtown Splash Pad (PE01)	169.9	-	-	-	-	169.9	48
Fraesfield and Granite Mountain Trailheads (PD04)	5,983.3	1,000.0	-	-	-	6,983.3	65
Indian Bend Wash Lakes Phase I (PB63)	796.6	-	-	-	-	796.6	52
Irrigation Control System (TEMP1664)	-	-	-	1,368.9	-	1,368.9	85
McCormick Park Reservoir Removal (PD03)	311.1	-	-	-	-	311.1	52
North and Central Area Access Control & Stabilization (PB54)	1,610.2	100.0	100.0	100.0	-	1,910.2	65
North Area Trail Construction (PB50)	1,084.4	100.0	100.0	100.0	-	1,384.4	66
Outfalls (PE02)	455.0	-	-	-	-	455.0	53
Park Building Improvements (TEMP1131)	-	-	-	-	3,340.0	3,340.0	54
Pima/Dynamite Trailhead (PB65)	4,402.2	-	-	-	-	4,402.2	66
Preserve Trail, Habitat & Safety Improvements (PB52)	105.7	30.0	30.0	30.0	-	195.7	66
Renovate Vista del Camino Park/Indian Bend Wash Area (PD05)	2,224.9	6,175.3	5,037.6	5,037.6	5,037.6	23,513.0	54

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Division

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Community Services</b>							
Scottsdale Stadium Infrastructure Improvements (PB57)	1,015.5	202.2	202.2	202.2	202.2	1,824.3	55
Scottsdale Stadium Masterplan (PC03)	103.2	-	-	-	-	103.2	55
Scottsdale Stadium Osborn Road APS Improvements (PD06)	67.4	-	-	-	-	67.4	55
Scottsdale Stadium Safety Repairs & Maintenance (PD02)	1,089.8	-	-	-	-	1,089.8	56
South Area Access Control (PB61)	311.5	150.0	150.0	150.0	-	761.5	67
South Area Trail Construction (PB51)	569.1	-	-	-	-	569.1	67
TPC Golf Course Water Stations (PC04)	153.8	-	-	-	-	153.8	50
<b>Public Safety - Fire</b>							
Fire Station 603 Relocation (BC04)	4,168.2	-	-	-	-	4,168.2	70
Fire Station 605 Renovation (BC05)	726.8	-	-	-	-	726.8	71
Fire Station 613 Construction (BC02)	5,258.7	-	-	-	-	5,258.7	71
Fire Station 613 Design (BB52)	191.4	-	-	-	-	191.4	72
Fire Station 616 Design and Construction (BC03)	3,672.1	-	-	-	-	3,672.1	72
National Fire Protection Association (NFPA) Station Standards (TEMP1484)	-	-	-	4,639.8	-	4,639.8	73
Renovate Fire Station 606 (TEMP1734)	-	-	-	-	1,238.4	1,238.4	73
<b>Public Safety - Police</b>							
9-1-1 Voice Logging Recorder Replacement (MB60)	30.3	-	-	-	-	30.3	74
Additional Servers for Digital Evidence and Forensic Recovery (JB63)	31.4	-	-	-	-	31.4	74
Advanced Mobile Solutions (JB61)	105.1	-	-	-	-	105.1	74
Ballistic Glass at Police Department Facilities (BE02)	335.7	-	-	-	-	335.7	75
Cameras & Communication Equipment for Special Events and Surveillance Investigations (JB60)	20.7	-	-	-	-	20.7	75
Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement (JD05)	665.0	407.7	239.8	239.8	71.9	1,624.2	75
Crime Lab Latent Print Comparison and AFIS Room (JD06)	124.7	-	-	-	-	124.7	76
* Crime Laboratory Equipment Replacement (YD03)	29.5	-	-	-	-	29.5	76
* Crime Laboratory Equipment Replacement (YE03)	239.8	323.7	295.9	288.9	141.7	1,290.0	76
Lab Information Management System (LIMS) Integration (MB62)	111.5	-	-	-	-	111.5	77
* Police Portable & Vehicle Radio Replacement (YE06)	1,144.5	1,144.5	991.9	991.9	991.9	5,264.7	77
Policy & Standards Management Software (MB63)	25.8	-	-	-	-	25.8	77
Records Management System & Computer Aided Dispatch Enhancements and Refresh (JB62)	395.1	-	-	510.8	-	905.9	78
<b>Public Works</b>							
Additional Compressed Natural Gas (CNG) Station (BC01)	2,537.2	-	-	-	-	2,537.2	80
Advanced Traffic Signal Control Cabinets - Phase I (TC04)	686.3	-	-	-	-	686.3	112
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	720.0	-	-	720.0	112
Arts in Public Places (DE05)	538.9	-	-	-	-	538.9	45
Expanded McDowell Sonoran Preserve (PB66)	32,709.8	-	-	-	-	32,709.8	64
* Facilities Repair and Maintenance Program (YD01)	396.8	-	-	-	-	396.8	81
* Facilities Repair and Maintenance Program (YE01)	1,855.7	1,830.1	1,769.6	2,191.5	2,079.0	9,725.9	81
Fleet Fuel Site Upgrade (BE03)	3,127.4	-	-	-	-	3,127.4	82
ITS/Signal System Upgrades (TB56)	781.3	-	-	-	-	781.3	114
North Corp Yard CNG Compliance (BB53)	499.5	-	-	-	-	499.5	82
* Pavement Overlay Program (YD29)	815.2	-	-	-	-	815.2	104

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Division

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Public Works</b>							
* Pavement Overlay Program (YE29)	6,550.0	6,550.0	6,550.0	6,550.0	6,550.0	32,750.0	104
Pavement Replacement (TC06)	8,401.3	-	-	-	-	8,401.3	105
Replace Drainage Grates (SB58)	203.1	100.0	100.0	100.0	-	503.1	109
SkySong - ASU Scottsdale Center for Innovation - Art Component (DC03)	404.8	-	-	-	-	404.8	50
Solid Waste Vehicle Monitoring System (JB66)	330.6	-	-	-	-	330.6	93
Street Operations North Storage Facility (BD02)	495.0	-	-	-	-	495.0	83
Street Operations Work and Asset Management System (JB56)	149.4	-	-	-	-	149.4	93
* Streetlight Replacement (YE30)	200.0	200.0	200.0	200.0	200.0	1,000.0	110
Thomas Road Corridor ITS Improvements (TC07)	92.1	-	-	-	-	92.1	115
<b>Water Resources</b>							
Advance Water Treatment Plant Membranes - Wastewater (VB69)	3.2	401.2	812.6	544.8	1,213.8	2,975.6	129
Advance Water Treatment Plant Menbranes Project (TEMP1888)	-	70.8	143.4	96.2	214.2	524.6	139
Air Park Zone 4 Water Transmission Main (WD02)	1,699.9	-	-	-	-	1,699.9	139
Booster Pump Station 42B Infrastructure Improvements (WB67)	495.5	-	-	-	-	495.5	139
Booster Station 57 Replacement (WE01)	2,830.0	-	-	-	-	2,830.0	140
Booster Station Upgrades (WB76)	4,717.5	2,930.0	1,945.0	1,596.6	1,277.0	12,466.1	140
Campus/Central Arizona Project Drainage & Paving Improvements (Wastewater) (VB68)	1,804.6	-	-	-	-	1,804.6	129
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB73)	442.3	-	-	-	-	442.3	140
Chaparral Water Treatment Plant Intake Screens (WB62)	932.5	-	-	-	-	932.5	141
Chaparral Water Treatment Plant Pretreatment (WB56)	2,220.6	15,000.0	-	-	-	17,220.6	141
Cross Roads East Wastewater (VB51)	3,930.0	-	-	-	-	3,930.0	130
Cross Roads East Water (WB50)	4,604.9	-	-	-	-	4,604.9	141
Deep Well Recharge/Recovery Facilities (WB61)	4,163.7	-	-	-	375.0	4,538.7	142
Downtown Stormwater Pump Station Rehabilitation (VD02)	1,191.5	-	-	-	-	1,191.5	130
East Dynamite Area Transmission Main (WD01)	4,799.8	-	-	-	-	4,799.8	142
Frank Lloyd Wright 24-inch Transmission Main & Booster Station 83B Modifications (WC03)	10,785.2	-	-	-	-	10,785.2	143
Gainey Ranch WWTP Reuse Recharge (VC03)	293.7	-	-	-	-	293.7	131
Hayden & Thunderbird Roads Waterline Replacement (WC06)	1,221.8	-	-	-	-	1,221.8	143
HVID - Harquahala Valley Irrigation District - Scottsdale Share (WC04)	1,150.0	-	-	-	-	1,150.0	144
Hydrogen Sulfide Mitigation (VB63)	103.0	-	-	-	-	103.0	131
Irrigation Water Distribution System Improvements (WB57)	3,475.9	-	-	-	-	3,475.9	144
IWDS / Harquahala Valley Irrigation District Property - Desert Mountain Golf Club (WB69)	15,454.1	-	-	-	-	15,454.1	144
IWDS / Harquahala Valley Irrigation District Property - Scottsdale National Golf Club (WB80)	4,194.1	-	-	-	-	4,194.1	145
Master Plan - Water (WB78)	711.3	520.0	-	-	-	1,231.3	145
Master Plan Water Reclamation (VB70)	438.5	350.0	-	-	-	788.5	132
Radio Telemetry Monitoring Automation Citywide - Wastewater (VB58)	963.0	350.0	275.0	450.0	70.0	2,108.0	132
Radio Telemetry Monitoring Automation Citywide - Water (WB60)	916.8	290.0	215.0	220.4	447.0	2,089.2	145
Reclamation Regulatory Compliance (VB59)	250.0	-	-	-	-	250.0	132
Regional Recharge Basins (WB74)	3,901.4	2,600.0	-	-	-	6,501.4	146

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Division

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Water Resources</b>							
RWDS Improvements (VB52)	4,058.6	1,500.0	1,500.0	1,500.0	1,500.0	10,058.6	133
Sanitary Sewer Lateral Rehabilitation (VB67)	89.1	50.0	50.0	50.0	50.0	289.1	133
Site 71 Well Site and Water Booster Station (WB63)	447.6	-	-	-	-	447.6	146
SROG Operations & Solids Improvements (VB57)	1,380.9	-	-	-	-	1,380.9	133
SROG Sewage Transmission Line (VB50)	20,040.5	-	-	-	-	20,040.5	134
SROG SRO / SAI Interceptor Odor Control (VB60)	8,506.2	-	-	-	-	8,506.2	134
* SROG Wastewater Treatment Plant (YD24)	1,998.3	-	-	-	-	1,998.3	135
* SROG Wastewater Treatment Plant (YC24)	532.3	-	-	-	-	532.3	134
SROG Wastewater Treatment Plant Improvements (VE02)	3,900.0	1,750.0	1,000.0	900.0	950.0	8,500.0	135
SROG Water Reclamation Capacity Management (VB55)	442.2	-	-	-	-	442.2	135
Technology Master Plan Identified Wastewater Projects (VE01)	1,000.0	1,000.0	-	-	-	2,000.0	136
Technology Master Plan Identified Water Projects (WE02)	2,000.0	2,000.0	-	-	-	4,000.0	147
Thomas Groundwater Treatment Facility (WC07)	24,149.0	-	-	-	-	24,149.0	147
Wastewater Collection System Improvements (VB62)	15,488.6	4,393.5	2,750.0	2,225.0	5,500.0	30,357.1	136
Wastewater Fund Contingency (ZE01)	1,000.0	-	-	-	-	1,000.0	136
Wastewater Impact Fees (VC01)	197.5	-	-	-	-	197.5	137
Wastewater Oversizing (VB53)	238.2	50.0	-	100.0	-	388.2	137
Wastewater Technology Master Plan (VB66)	36.3	100.0	-	-	-	136.3	137
Wastewater Treatment Facility Improvements (VD01)	5,002.2	1,930.0	1,250.0	1,550.0	3,750.0	13,482.2	138
Water and Sewer System Optimization (WB55)	511.9	-	-	-	-	511.9	147
Water Campus Vadose Well Rehabilitation (WB79)	625.3	50.0	50.0	285.0	1,750.0	2,760.3	148
Water Distribution System Improvements (WB77)	11,913.1	7,250.0	8,600.0	6,750.0	6,340.0	40,853.1	148
Water Fund Contingency (ZE02)	2,000.0	-	-	-	-	2,000.0	148
Water Impact Fees (WC01)	198.2	-	-	-	-	198.2	149
Water Meter Replacement Program (WB66)	2,723.9	2,230.0	2,230.0	2,230.0	2,230.0	11,643.9	149
Water Oversizing (WB53)	355.6	-	-	-	-	355.6	149
Water Participation Program (WB54)	1,172.4	-	-	-	-	1,172.4	150
Water Reclamation Participation Program (VB56)	1,013.4	750.0	500.0	-	-	2,263.4	138
Water Reclamation Security Enhancements (VB54)	492.3	400.0	350.0	325.0	300.0	1,867.3	138
Water Resources Impact Fees (WC02)	200.9	-	-	-	-	200.9	150
Water System Security Enhancement Projects (WE03)	410.0	280.0	400.0	450.0	375.0	1,915.0	150
* Water System Security Enhancements (YD26)	25.3	-	-	-	-	25.3	151
Water Technology Master Plan (WB72)	66.1	150.0	-	-	300.0	516.1	151
Water Treatment Facility Improvements (WD04)	8,435.5	3,100.0	2,950.0	2,425.0	3,250.0	20,160.5	151
Water Treatment Plant Membranes (WB71)	1,687.3	1,127.5	379.5	379.5	475.0	4,048.8	152
Well Sites (WB75)	975.9	-	-	-	-	975.9	152
Well Sites Rehabilitation (WB51)	1,685.4	-	250.0	250.0	223.6	2,409.0	152
WestWorld Improvements (WB58)	594.3	-	-	750.0	-	1,344.3	153
Zone 14/16 Water Improvements Phase 2 (WB70)	14,106.8	-	-	-	-	14,106.8	153
Zone 2 Water System Improvements (WC05)	8,480.5	-	-	-	-	8,480.5	153
Zone 3W Water System Improvements (WD03)	4,775.0	-	-	-	-	4,775.0	154

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2017/18 – 2021/22 Sorted by Program

(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Community Facilities - Library/Library Improvements</b>							
Civic Center Library Scottsdale Heritage Connection (TEMP1759)	-	-	-	-	657.9	657.9	44
Civic Center Library Story Time Room Expansion (TEMP1753)	-	-	-	-	291.4	291.4	44
<b>Community Facilities - Neighborhood &amp; Community</b>							
Aquatics Chemical System Replacement (PD01)	1,860.2	1,460.2	-	-	-	3,320.4	45
Arts in Public Places (DE05)	538.9	-	-	-	-	538.9	45
Civic Center Mall Renovations (DC01)	87.8	-	-	-	-	87.8	46
Desert Discovery Center Business Plan & Feasibility Analysis (DC02)	485.7	-	-	-	-	485.7	46
Downtown Entertainment District Street & Pedestrian Lighting (DE02)	373.3	-	-	-	-	373.3	47
Downtown Marshall Way Lighting & Electrical Outlets (DD02)	576.8	-	-	-	-	576.8	47
Downtown Public Restroom Main Street (DD01)	720.7	-	-	-	-	720.7	47
Downtown Splash Pad (PE01)	169.9	-	-	-	-	169.9	48
Marshall Way Entry Feature (DB57)	63.7	-	-	-	-	63.7	48
Museum of the West Permanent Hopi Pottery Gallery (DD04)	119.4	-	-	-	-	119.4	49
North Hall Arenas (DD05)	9.1	-	-	-	-	9.1	49
Scottsdale Road Preservation Streetscape Enhancement (DB50)	3,113.5	-	-	-	-	3,113.5	49
SkySong - ASU Scottsdale Center for Innovation - Art Component (DC03)	404.8	-	-	-	-	404.8	50
Tony Nelssen Equestrian Center Expansion (DB54)	39.0	-	-	-	-	39.0	50
TPC Golf Course Water Stations (PC04)	153.8	-	-	-	-	153.8	50
WestWorld Tent Removal (DD03)	676.6	-	-	-	-	676.6	51
<b>Community Facilities - Parks/Park Improvements</b>							
Indian Bend Wash Lakes Phase I (PB63)	796.6	-	-	-	-	796.6	52
McCormick Park Reservoir Removal (PD03)	311.1	-	-	-	-	311.1	52
McDowell Road - Berm Landscaping (DE01)	964.5	-	-	-	-	964.5	53
Outfalls (PE02)	455.0	-	-	-	-	455.0	53
Park Building Improvements (TEMP1131)	-	-	-	-	3,340.0	3,340.0	54
Renovate Vista del Camino Park/Indian Bend Wash Area (PD05)	2,224.9	6,175.3	5,037.6	5,037.6	5,037.6	23,513.0	54
Scottsdale Stadium Infrastructure Improvements (PB57)	1,015.5	202.2	202.2	202.2	202.2	1,824.3	55
Scottsdale Stadium Masterplan (PC03)	103.2	-	-	-	-	103.2	55
Scottsdale Stadium Osborn Road APS Improvements (PD06)	67.4	-	-	-	-	67.4	55
Scottsdale Stadium Safety Repairs & Maintenance (PD02)	1,089.8	-	-	-	-	1,089.8	56
<b>Drainage / Flood Control - Drainage / Flood Control</b>							
Granite Reef Watershed (FB50)	6,062.6	-	2,529.0	6,345.0	29,879.8	44,816.4	58
Loop 101 Detention Basin (FB53)	661.2	-	-	-	-	661.2	58
* Neighborhood Stormwater Management Improvements (YD05)	61.5	-	-	-	-	61.5	59
* Neighborhood Stormwater Management Improvements (YC05)	39.9	-	-	-	-	39.9	59
Princess Drive Drainage Project (FC01)	983.1	-	325.0	-	-	1,308.1	60
Reata Wash Flood Control (FB55)	-14.5	-	-	-	-	-14.5	61
Upper Camelback Wash Watershed (FB51)	560.5	-	-	-	-	560.5	61
<b>Preservation - Preservation/Preservation Improvements</b>							
Central Area Trail Construction (DB52)	289.1	-	-	-	-	289.1	64

\*Recurring Capital Maintenance Projects.





# Five-Year Capital Improvement Plan

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(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Preservation - Preservation/Preservation Improvements</b>							
Expanded McDowell Sonoran Preserve (PB66)	32,709.8	-	-	-	-	32,709.8	64
Fraesfield and Granite Mountain Trailheads (PD04)	5,983.3	1,000.0	-	-	-	6,983.3	65
North and Central Area Access Control & Stabilization (PB54)	1,610.2	100.0	100.0	100.0	-	1,910.2	65
North Area Trail Construction (PB50)	1,084.4	100.0	100.0	100.0	-	1,384.4	66
Pima/Dynamite Trailhead (PB65)	4,402.2	-	-	-	-	4,402.2	66
Preserve Trail, Habitat & Safety Improvements (PB52)	105.7	30.0	30.0	30.0	-	195.7	66
South Area Access Control (PB61)	311.5	150.0	150.0	150.0	-	761.5	67
South Area Trail Construction (PB51)	569.1	-	-	-	-	569.1	67
<b>Public Safety - Fire Protection</b>							
Fire Station 603 Relocation (BC04)	4,168.2	-	-	-	-	4,168.2	70
Fire Station 605 Renovation (BC05)	726.8	-	-	-	-	726.8	71
Fire Station 613 Construction (BC02)	5,258.7	-	-	-	-	5,258.7	71
Fire Station 613 Design (BB52)	191.4	-	-	-	-	191.4	72
Fire Station 616 Design and Construction (BC03)	3,672.1	-	-	-	-	3,672.1	72
National Fire Protection Association (NFPA) Station Standards (TEMP1484)	-	-	-	4,639.8	-	4,639.8	73
Renovate Fire Station 606 (TEMP1734)	-	-	-	-	1,238.4	1,238.4	73
<b>Public Safety - Police</b>							
9-1-1 Voice Logging Recorder Replacement (MB60)	30.3	-	-	-	-	30.3	74
Additional Servers for Digital Evidence and Forensic Recovery (JB63)	31.4	-	-	-	-	31.4	74
Advanced Mobile Solutions (JB61)	105.1	-	-	-	-	105.1	74
Ballistic Glass at Police Department Facilities (BE02)	335.7	-	-	-	-	335.7	75
Cameras & Communication Equipment for Special Events and Surveillance Investigations (JB60)	20.7	-	-	-	-	20.7	75
Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement (JD05)	665.0	407.7	239.8	239.8	71.9	1,624.2	75
Crime Lab Latent Print Comparison and AFIS Room (JD06)	124.7	-	-	-	-	124.7	76
* Crime Laboratory Equipment Replacement (YD03)	29.5	-	-	-	-	29.5	76
* Crime Laboratory Equipment Replacement (YE03)	239.8	323.7	295.9	288.9	141.7	1,290.0	76
Lab Information Management System (LIMS) Integration (MB62)	111.5	-	-	-	-	111.5	77
* Police Portable & Vehicle Radio Replacement (YE06)	1,144.5	1,144.5	991.9	991.9	991.9	5,264.7	77
Policy & Standards Management Software (MB63)	25.8	-	-	-	-	25.8	77
Public Safety Radio System - Phase I - Final Conversion (MC01)	345.5	-	-	-	-	345.5	78
Records Management System & Computer Aided Dispatch Enhancements and Refresh (JB62)	395.1	-	-	510.8	-	905.9	78
<b>Service Facilities - Municipal Facilities/Improvements</b>							
Additional Compressed Natural Gas (CNG) Station (BC01)	2,537.2	-	-	-	-	2,537.2	80
City Court Customer Service Counters and Lobby Remodel (BE01)	23.5	275.0	-	-	-	298.5	80
* Facilities Repair and Maintenance Program (YD01)	396.8	-	-	-	-	396.8	81
* Facilities Repair and Maintenance Program (YE01)	1,855.7	1,830.1	1,769.6	2,191.5	2,079.0	9,725.9	81
Fleet Fuel Site Upgrade (BE03)	3,127.4	-	-	-	-	3,127.4	82
North Corp Yard CNG Compliance (BB53)	499.5	-	-	-	-	499.5	82
Street Operations North Storage Facility (BD02)	495.0	-	-	-	-	495.0	83

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(In thousands of dollars)

Project	FY2017/18 Proposed	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Service Facilities - Technology Improvements</b>							
CIP Contingency (ZB50)	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0	23,000.0	84
CIP Contingency for Future Grants (ZB51)	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	84
* Citywide Audio/Video Equipment Replacement (YE04)	147.2	74.1	14.2	114.5	130.8	480.8	84
Data Center Resiliency Plan (JD01)	4,770.2	-	-	-	-	4,770.2	85
Enterprise Resource Planning System (TEMP1833)	-	-	-	-	4,488.0	4,488.0	85
Irrigation Control System (TEMP1664)	-	-	-	1,368.9	-	1,368.9	85
IT - Information Lifecycle Management (MB58)	122.7	-	-	-	-	122.7	86
* IT - Network Infrastructure (YE07)	381.7	419.6	441.5	566.7	1,368.0	3,177.5	86
* IT - Network Infrastructure (YD07)	277.8	-	-	-	-	277.8	87
* IT - Network Infrastructure (YC07)	-0.2	-	-	-	-	-0.2	87
* IT - Server Infrastructure (YD08)	505.8	-	-	-	-	505.8	88
* IT - Server Infrastructure (YE08)	349.7	978.5	937.5	564.5	564.4	3,394.6	89
* IT - Server Infrastructure (YB70)	68.0	-	-	-	-	68.0	88
* IT - Server Infrastructure (YC08)	61.2	-	-	-	-	61.2	89
IT-Web Content Management SW (MB51)	92.3	-	-	-	-	92.3	90
License and Permit Management System (JD04)	472.5	-	-	-	-	472.5	90
Lobby Queuing System Replacements (JD03)	84.0	-	-	-	-	84.0	90
Mobile Network Software (MB57)	232.8	-	-	-	-	232.8	91
Online Bill Payment and Presentment System (JB65)	263.2	-	-	-	-	263.2	91
Payroll System Replacement (JB59)	390.9	-	-	-	-	390.9	92
Public Safety Radio Network Lifecycle Project (JD02)	-	-	-	476.8	-	476.8	92
Risk Management System (TEMP1836)	-	577.5	-	-	-	577.5	93
Solid Waste Vehicle Monitoring System (JB66)	330.6	-	-	-	-	330.6	93
Street Operations Work and Asset Management System (JB56)	149.4	-	-	-	-	149.4	93
WestWorld Internet for TNEC (DE04)	218.0	-	-	-	-	218.0	94
Wide Area Network Fiber (MB53)	95.9	-	-	-	-	95.9	94
<b>Transportation - Aviation/Aviation Improvements</b>							
Airport Future Grants Contingency (ZB53)	3,350.1	-	-	-	-	3,350.1	97
Airport Pavement Preservation Program (AB52)	521.3	100.0	-	-	-	621.3	97
Airport Terminal Area Redevelopment Project (AB59)	25,229.0	-	-	-	-	25,229.0	97
Amy's Test Project (AmyTest)	1,213.0	100.0	-	-	-	1,313.0	0
Apron Reconstruction - Delta Apron (AC02)	3,800.0	-	-	-	-	3,800.0	98
Aviation Match Contingency (ZB52)	250.0	-	-	-	-	250.0	98
Environmental Assessment for Land Acquisition (TEMPAB57)	-	-	199.9	-	-	199.9	98
Erosion Protection/Wildlife Mitigation - Runway Approach Area (AC01)	183.1	-	-	-	-	183.1	99
Land Acquisition 4.0 Acres (TEMP1882)	-	-	-	-	9,500.1	9,500.1	99
Reconstruct Taxiway "A" and Exits (AB60)	4,101.5	-	-	-	-	4,101.5	99
Reconstruct Transient Parking Apron (AE02)	2,300.0	-	-	-	-	2,300.0	100
Rehabilitate Runway 03/21 (AB61)	600.0	6,700.0	-	-	-	7,300.0	100
Rehabilitate Taxiway "C" (TEMP975)	-	-	26.3	148.7	-	175.0	100
Relocate Electrical Vault and Beacon (AD01)	139.7	-	-	-	-	139.7	101
Runway Guard Lights (AE01)	300.0	1,700.0	-	-	-	2,000.0	101
<b>Transportation - Streets/Street Improvements</b>							
118th Street: Ranch Gate to Dynamite Boulevard (TD02)	650.0	-	-	-	-	650.0	102

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<b>Transportation - Streets/Street Improvements</b>							
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB55)	246.1	-	-	-	-	246.1	102
Frank Lloyd Wright–Scottsdale Rd to Shea (SB50)	222.4	-	-	-	-	222.4	103
McDowell Road Bicycle Lanes from Pima Road to 64th Street (SD01)	3,721.9	-	-	-	-	3,721.9	103
Miller Road Underpass at the 101 Freeway (SC03)	691.5	-	19,005.7	-	-	19,697.2	104
* Pavement Overlay Program (YD29)	815.2	-	-	-	-	815.2	104
* Pavement Overlay Program (YE29)	6,550.0	6,550.0	6,550.0	6,550.0	6,550.0	32,750.0	104
Pavement Replacement (TC06)	8,401.3	-	-	-	-	8,401.3	105
Pima Road - Pinnacle Peak to Happy Valley (SC01)	7,956.3	-	-	-	-	7,956.3	105
Pima Road: Via Linda to Via de Ventura (SB57)	1,803.0	-	-	-	-	1,803.0	106
Pima Road: Krail Street to Chaparral Road (SC04)	13,512.7	-	-	-	-	13,512.7	106
Raintree Drive: Scottsdale Road to Hayden Road (SB53)	19,329.8	-	-	-	-	19,329.8	107
Raintree Drive: Hayden Road to Loop 101 (SC02)	9,006.0	-	-	-	-	9,006.0	108
Redfield Road: Raintree Drive to Hayden Road (SB56)	2,142.9	-	-	-	-	2,142.9	108
Replace Drainage Grates (SB58)	203.1	100.0	100.0	100.0	-	503.1	109
Second Street Bike Path Connection (SD02)	323.1	-	-	-	-	323.1	109
Southbound Loop 101 Frontage Road Connections (SB54)	4,199.9	-	-	-	-	4,199.9	110
* Streetlight Replacement (YE30)	200.0	200.0	200.0	200.0	200.0	1,000.0	110
Via Linda Traffic Circles (SE01)	500.0	-	-	-	-	500.0	111
<b>Transportation - Traffic/Traffic Reduction</b>							
Advanced Traffic Signal Control Cabinets - Phase I (TC04)	686.3	-	-	-	-	686.3	112
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	720.0	-	-	720.0	112
Hayden/Thomas Safety Improvements (TB57)	2,034.5	-	-	-	-	2,034.5	113
* Intersection Improvements (YD19)	234.4	-	-	-	-	234.4	113
* Intersection Improvements (YE19)	830.0	900.0	900.0	900.0	900.0	4,430.0	114
* Intersection Mobility Enhancements (YC19)	8.7	-	-	-	-	8.7	114
ITS/Signal System Upgrades (TB56)	781.3	-	-	-	-	781.3	114
* Neighborhood Traffic Management Program (YD21)	94.1	-	-	-	-	94.1	115
* Neighborhood Traffic Management Program (YE21)	180.0	250.0	250.0	250.0	250.0	1,180.0	115
Thomas Road Corridor ITS Improvements (TC07)	92.1	-	-	-	-	92.1	115
* Traffic Signal Construction (YD23)	28.2	-	-	-	-	28.2	116
* Traffic Signal Construction (YE23)	230.0	300.0	300.0	300.0	300.0	1,430.0	116
* Traffic Signal Construction (YC23)	29.8	-	-	-	-	29.8	116
<b>Transportation - Transit/Transit Improvements</b>							
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (TB58)	1,504.2	-	-	-	-	1,504.2	117
* Bikeways Program (YE28)	430.0	500.0	500.0	500.0	500.0	2,430.0	117
* Bikeways Program (YD28)	152.2	-	-	-	-	152.2	118
* Bus Stop Improvements (YB82)	19.0	-	-	-	-	19.0	118
Crosscut Canal Bridge and Path (TB63)	893.7	-	-	-	-	893.7	119
Downtown Main Street Streetscape & Pedestrian Improvements (DE03)	2,289.7	-	-	-	-	2,289.7	119
Downtown Sidewalk Improvements (TD01)	3,694.2	-	-	-	-	3,694.2	120
Mustang Transit Passenger Facility (TB50)	5,503.6	-	-	-	-	5,503.6	120
Shea Underpass Access at 124th Street (TB66)	1,316.5	-	-	-	-	1,316.5	121

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<b>Transportation - Transit/Transit Improvements</b>							
* Sidewalk Improvements (YD20)	25.4	-	-	-	-	25.4	121
* Sidewalk Improvements (YE20)	276.5	350.0	350.0	350.0	350.0	1,676.5	122
Skysong Center Transit Passenger Facility and Sidewalk Improvements (TB51)	1,929.8	-	-	-	-	1,929.8	122
* Trail Improvement Program (YE18)	250.0	250.0	250.0	250.0	250.0	1,250.0	122
* Trail Improvement Program (YB71)	35.8	-	-	-	-	35.8	123
* Trail Improvement Program (YD18)	347.6	-	-	-	-	347.6	123
Transit Bus Purchases (TB67)	5,711.0	-	-	-	-	5,711.0	123
Transit Route 72 Improvements (TC08)	334.8	-	-	-	-	334.8	124
Transit Stop Improvements (TC03)	163.8	100.0	100.0	100.0	-	463.8	124
WestWorld Trail Connections (TC02)	4,805.3	-	-	-	-	4,805.3	125
<b>Water Management - Wastewater Improvements</b>							
Advance Water Treatment Plant Membranes - Wastewater (VB69)	3.2	401.2	812.6	544.8	1,213.8	2,975.6	129
Campus/Central Arizona Project Drainage & Paving Improvements (Wastewater) (VB68)	1,804.6	-	-	-	-	1,804.6	129
Cross Roads East Wastewater (VB51)	3,930.0	-	-	-	-	3,930.0	130
Downtown Stormwater Pump Station Rehabilitation (VD02)	1,191.5	-	-	-	-	1,191.5	130
Gainey Ranch WWTP Reuse Recharge (VC03)	293.7	-	-	-	-	293.7	131
Hydrogen Sulfide Mitigation (VB63)	103.0	-	-	-	-	103.0	131
Master Plan Water Reclamation (VB70)	438.5	350.0	-	-	-	788.5	132
Radio Telemetry Monitoring Automation Citywide - Wastewater (VB58)	963.0	350.0	275.0	450.0	70.0	2,108.0	132
Reclamation Regulatory Compliance (VB59)	250.0	-	-	-	-	250.0	132
RWDS Improvements (VB52)	4,058.6	1,500.0	1,500.0	1,500.0	1,500.0	10,058.6	133
Sanitary Sewer Lateral Rehabilitation (VB67)	89.1	50.0	50.0	50.0	50.0	289.1	133
SROG Operations & Solids Improvements (VB57)	1,380.9	-	-	-	-	1,380.9	133
SROG Sewage Transmission Line (VB50)	20,040.5	-	-	-	-	20,040.5	134
SROG SRO / SAI Interceptor Odor Control (VB60)	8,506.2	-	-	-	-	8,506.2	134
* SROG Wastewater Treatment Plant (YD24)	1,998.3	-	-	-	-	1,998.3	135
* SROG Wastewater Treatment Plant (YC24)	532.3	-	-	-	-	532.3	134
SROG Wastewater Treatment Plant Improvements (VE02)	3,900.0	1,750.0	1,000.0	900.0	950.0	8,500.0	135
SROG Water Reclamation Capacity Management (VB55)	442.2	-	-	-	-	442.2	135
Technology Master Plan Identified Wastewater Projects (VE01)	1,000.0	1,000.0	-	-	-	2,000.0	136
Wastewater Collection System Improvements (VB62)	15,488.6	4,393.5	2,750.0	2,225.0	5,500.0	30,357.1	136
Wastewater Fund Contingency (ZE01)	1,000.0	-	-	-	-	1,000.0	136
Wastewater Impact Fees (VC01)	197.5	-	-	-	-	197.5	137
Wastewater Oversizing (VB53)	238.2	50.0	-	100.0	-	388.2	137
Wastewater Technology Master Plan (VB66)	36.3	100.0	-	-	-	136.3	137
Wastewater Treatment Facility Improvements (VD01)	5,002.2	1,930.0	1,250.0	1,550.0	3,750.0	13,482.2	138
Water Reclamation Participation Program (VB56)	1,013.4	750.0	500.0	-	-	2,263.4	138
Water Reclamation Security Enhancements (VB54)	492.3	400.0	350.0	325.0	300.0	1,867.3	138
<b>Water Management - Water Improvements</b>							
Advance Water Treatment Plant Membranes Project (TEMP1888)	-	70.8	143.4	96.2	214.2	524.6	139
Air Park Zone 4 Water Transmission Main (WD02)	1,699.9	-	-	-	-	1,699.9	139
Booster Pump Station 42B Infrastructure Improvements (WB67)	495.5	-	-	-	-	495.5	139

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<b>Water Management - Water Improvements</b>							
Booster Station 57 Replacement (WE01)	2,830.0	-	-	-	-	2,830.0	140
Booster Station Upgrades (WB76)	4,717.5	2,930.0	1,945.0	1,596.6	1,277.0	12,466.1	140
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB73)	442.3	-	-	-	-	442.3	140
Chaparral Water Treatment Plant Intake Screens (WB62)	932.5	-	-	-	-	932.5	141
Chaparral Water Treatment Plant Pretreatment (WB56)	2,220.6	15,000.0	-	-	-	17,220.6	141
Cross Roads East Water (WB50)	4,604.9	-	-	-	-	4,604.9	141
Deep Well Recharge/Recovery Facilities (WB61)	4,163.7	-	-	-	375.0	4,538.7	142
East Dynamite Area Transmission Main (WD01)	4,799.8	-	-	-	-	4,799.8	142
Frank Lloyd Wright 24-inch Transmission Main & Booster Station 83B Modifications (WC03)	10,785.2	-	-	-	-	10,785.2	143
Hayden & Thunderbird Roads Waterline Replacement (WC06)	1,221.8	-	-	-	-	1,221.8	143
HVID - Harquahala Valley Irrigation District - Scottsdale Share (WC04)	1,150.0	-	-	-	-	1,150.0	144
Irrigation Water Distribution System Improvements (WB57)	3,475.9	-	-	-	-	3,475.9	144
IWDS / Harquahala Valley Irrigation District Property - Desert Mountain Golf Club (WB69)	15,454.1	-	-	-	-	15,454.1	144
IWDS / Harquahala Valley Irrigation District Property - Scottsdale National Golf Club (WB80)	4,194.1	-	-	-	-	4,194.1	145
Master Plan - Water (WB78)	711.3	520.0	-	-	-	1,231.3	145
Radio Telemetry Monitoring Automation Citywide - Water (WB60)	916.8	290.0	215.0	220.4	447.0	2,089.2	145
Regional Recharge Basins (WB74)	3,901.4	2,600.0	-	-	-	6,501.4	146
Site 71 Well Site and Water Booster Station (WB63)	447.6	-	-	-	-	447.6	146
Technology Master Plan Identified Water Projects (WE02)	2,000.0	2,000.0	-	-	-	4,000.0	147
Thomas Groundwater Treatment Facility (WC07)	24,149.0	-	-	-	-	24,149.0	147
Water and Sewer System Optimization (WB55)	511.9	-	-	-	-	511.9	147
Water Campus Vadose Well Rehabilitation (WB79)	625.3	50.0	50.0	285.0	1,750.0	2,760.3	148
Water Distribution System Improvements (WB77)	11,913.1	7,250.0	8,600.0	6,750.0	6,340.0	40,853.1	148
Water Fund Contingency (ZE02)	2,000.0	-	-	-	-	2,000.0	148
Water Impact Fees (WC01)	198.2	-	-	-	-	198.2	149
Water Meter Replacement Program (WB66)	2,723.9	2,230.0	2,230.0	2,230.0	2,230.0	11,643.9	149
Water Oversizing (WB53)	355.6	-	-	-	-	355.6	149
Water Participation Program (WB54)	1,172.4	-	-	-	-	1,172.4	150
Water Resources Impact Fees (WC02)	200.9	-	-	-	-	200.9	150
Water System Security Enhancement Projects (WE03)	410.0	280.0	400.0	450.0	375.0	1,915.0	150
* Water System Security Enhancements (YD26)	25.3	-	-	-	-	25.3	151
Water Technology Master Plan (WB72)	66.1	150.0	-	-	300.0	516.1	151
Water Treatment Facility Improvements (WD04)	8,435.5	3,100.0	2,950.0	2,425.0	3,250.0	20,160.5	151
Water Treatment Plant Membranes (WB71)	1,687.3	1,127.5	379.5	379.5	475.0	4,048.8	152
Well Sites (WB75)	975.9	-	-	-	-	975.9	152
Well Sites Rehabilitation (WB51)	1,685.4	-	250.0	250.0	223.6	2,409.0	152
WestWorld Improvements (WB58)	594.3	-	-	750.0	-	1,344.3	153
Zone 14/16 Water Improvements Phase 2 (WB70)	14,106.8	-	-	-	-	14,106.8	153
Zone 2 Water System Improvements (WC05)	8,480.5	-	-	-	-	8,480.5	153
Zone 3W Water System Improvements (WD03)	4,775.0	-	-	-	-	4,775.0	154

\*Recurring Capital Maintenance Projects.

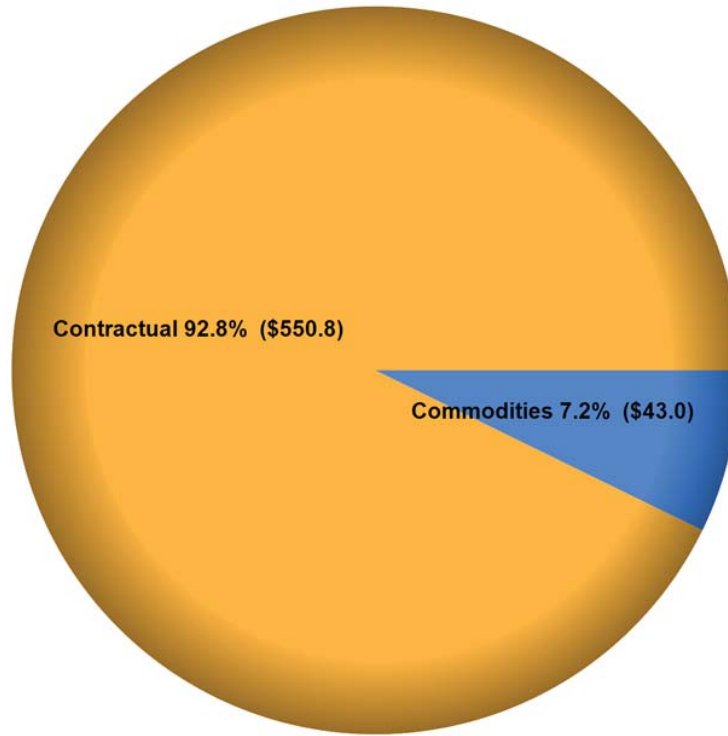


The Operating and CIP budgets are presented in three separate publications, Volume One, Volume Two and Volume Three. The operating budget is presented in Volumes One and Two, and the CIP budget is in Volume Three. Even though the Operating and CIP budgets are displayed separately, both are connected by the CIP Operating Impacts.

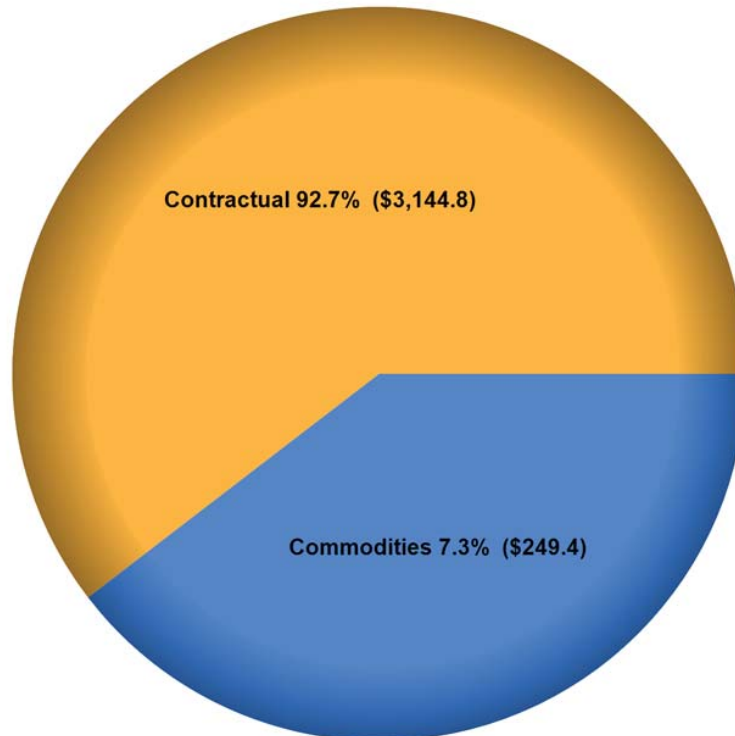
### CIP Operating Impacts

During the CIP budget development process staff provides annual estimates of additional costs and possible cost reductions that will impact the Operating budget. The extensive CIP prioritization process includes a review of CIP projects by the Operating Impacts Review Team represented by individuals from Facilities Management, Street Operations, Fleet Management, Parks Management and Information Technology. The team's objective is to determine when operating impacts will result and to quantify the value of the impact. Examples of additional costs include positions, facilities maintenance, utilities, asphalt maintenance, street sweeping, landscape maintenance and annual software licensing. Estimated new revenues and/or operational expenditure savings associated with capital projects are also taken into consideration during this review. The Operating Impacts Review Team provides their results to the City Treasurer's Office so these may be incorporated in the Operating Budget five-year financial forecast, and to ensure funding will be available to cover the costs once the CIP projects are completed. Extra costs are absorbed by the division's operating budget whenever possible. As part of the annual Operating Budget development process, the operating impacts of capital projects are identified, forecasted, prioritized and justified. The operating impacts relating to projects scheduled for completion in FY 2017/18 have been included in the appropriate divisional operating budget.

**Forecasted Operating Impacts  
FY 2018/19  
\$593.8 (in thousands)**



**Forecasted Operating Impacts  
FY 2018/19 - FY 2021/22  
\$3,394.2 (in thousands)**







# Five-Year Capital Improvement Plan

## Operating Impacts

(In thousands of dollars)

Project	Forecast FY2018/19	Forecast FY2019/20	Forecast FY2020/21	Forecast FY2021/22	Total	Page #
118th Street: Ranch Gate to Dynamite Boulevard (TD02) Contractual Services costs related to the maintenance of new roadway improvements.	4.3	4.3	4.3	4.3	17.2	102
Additional Compressed Natural Gas (CNG) Station (BC01) Contractual Services costs related to maintenance.	12.0	12.0	12.0	12.0	48.0	80
Additional Servers for Digital Evidence and Forensic Recovery (JB63) Contractual Services costs related to annual software maintenance.	46.0	46.0	46.0	46.0	184.0	74
Advanced Mobile Solutions (JB61) Contractual Services costs related to software maintenance agreements.	20.0	20.0	20.0	20.0	80.0	74
Airport Terminal Area Redevelopment Project (AB59) Contractual Services and Commodities costs related to facilities maintenance.	48.0	48.0	48.0	48.0	192.0	97
Aquatics Chemical System Replacement (PD01) Contractual Services estimated savings after implementation of the new system.	-	-116.5	-116.5	-116.5	-349.5	45
Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement (JD05) Contractual Services costs related to annual maintenance.	15.0	15.0	15.0	15.0	60.0	75
Crime Lab Latent Print Comparison and AFIS Room (JD06) Contractual Services costs related to annual maintenance.	6.6	6.6	6.6	6.6	26.4	76
Crosscut Canal Bridge and Path (TB63) Contractual Services costs related to the maintenance of bridge, path and lighting.	4.8	4.8	4.8	4.8	19.2	119
Downtown Marshall Way Lighting & Electrical Outlets (DD02) Contractual Services costs related to the maintenance of street lights.	6.1	6.1	6.1	6.1	24.4	47
Downtown Public Restroom Main Street (DD01) Contractual Services costs related to facilities maintenance.	12.0	12.0	12.0	12.0	48.0	47
Fire Station 603 Relocation (BC04) Contractual Services and Commodities costs related to facilities maintenance.	-	45.0	45.0	45.0	135.0	70
Fire Station 613 Construction (BC02) Contractual Services and Commodities costs related to facilities maintenance.	30.0	30.0	30.0	30.0	120.0	71
Fire Station 616 Design and Construction (BC03) Contractual Services and Commodities costs related to facilities maintenance.	30.0	30.0	30.0	30.0	120.0	72
Fraesfield and Granite Mountain Trailheads (PD04)	-	-	32.0	32.0	64.0	65



# Five-Year Capital Improvement Plan

## Operating Impacts

(In thousands of dollars)

Project	Forecast FY2018/19	Forecast FY2019/20	Forecast FY2020/21	Forecast FY2021/22	Total	Page #
Contractual Services costs related to facilities maintenance.						
Granite Reef Watershed (FB50) Contractual Services costs related to the maintenance of the storm drain.	6.0	6.0	6.0	6.0	24.0	58
Lab Information Management System (LIMS) Integration (MB62) Contractual Services costs related to annual maintenance agreement.	11.2	11.2	11.2	11.2	44.8	77
License and Permit Management System (JD04) Contractual Services costs related to annual maintenance. A possible reduction in maintenance costs may be realized to offset this cost once the older system is replaced.	25.0	25.0	25.0	25.0	100.0	90
Lobby Queuing System Replacements (JD03) Contractual Services costs related to annual maintenance.	1.0	1.0	1.0	1.0	4.0	90
Loop 101 Detention Basin (FB53) Contractual Services costs.	-	113.0	226.0	226.0	565.0	58
McDowell Road - Berm Landscaping (DE01) Commodities Service costs related to landscaping maintenance supplies.	-	7.8	7.8	7.8	23.4	53
Mustang Transit Passenger Facility (TB50) Contractual Services costs related to maintenance of asphalt pavement, curb and gutter, concrete sidewalks and ADA ramps.	2.2	2.2	2.2	2.2	8.8	120
Online Bill Payment and Presentment System (JB65) Contractual Services costs related to annual maintenance.	25.0	25.0	25.0	25.0	100.0	91
Pima Road - Pinnacle Peak to Happy Valley (SC01) Contractual Services costs related to maintenance of asphalt pavement, curb and gutter, concrete sidewalk, ADA ramps, street sweeping and median and curb landscape.	-	-	53.7	53.7	107.4	105
Pima Road: Krail Street to Chaparral Road (SC04) Contractual Services costs related to maintenance of asphalt pavement, curb and gutter, concrete sidewalks, ADA ramps, street sweeping, striping and median and curb.	-	92.1	92.1	92.1	276.3	106
Pima/Dynamite Trailhead (PB65) Contractual Services costs related to maintenance of facilities.	-	16.0	16.0	16.0	48.0	66
Policy & Standards Management Software (MB63) Contractual Services costs related to annual maintenance agreement.	8.0	8.0	8.0	8.0	32.0	77
Raintree Drive: Scottsdale Road to Hayden Road (SB53) Contractual Services costs related to asphalt pavement, curb and gutter, concrete sidewalks, ADA ramps, catch basins and median landscape.	28.8	28.8	28.8	28.8	115.2	107



# Five-Year Capital Improvement Plan

## Operating Impacts

(In thousands of dollars)

Project	Forecast FY2018/19	Forecast FY2019/20	Forecast FY2020/21	Forecast FY2021/22	Total	Page #
Records Management System & Computer Aided Dispatch Enhancements and Refresh (JB62) Contractual Services costs related to annual maintenance agreement.	-	41.0	41.0	41.0	123.0	78
Redfield Road: Raintree Drive to Hayden Road (SB56) Contractual Services costs related to maintenance of an additional 100 feet of landscape median length and minor median addition.	1.5	1.5	1.5	1.5	6.0	108
Risk Management System (TEMP1836) Contractual Services costs related to the software annual maintenance and services.	100.0	100.0	100.0	100.0	400.0	93
Scottsdale Road Preservation Streetscape Enhancement (DB50) Contractual Services costs related to maintenance of curb and gutter, concrete sidewalks and ADA ramps.	0.7	0.7	0.7	0.7	2.8	49
Shea Underpass Access at 124th Street (TB66) Contractual Services costs related to the maintenance of underpass and lighting.	3.3	3.3	3.3	3.3	13.2	121
Skysong Center Transit Passenger Facility and Sidewalk Improvements (TB51) Contractual Services costs related to maintenance of concrete sidewalks and ADA ramps.	2.1	2.1	2.1	2.1	8.4	122
Southbound Loop 101 Frontage Road Connections (SB54) Contractual Services costs related to maintenance of asphalt pavement, curb and gutter, concrete and sidewalk, ADA ramps, street sweeping, striping, signs, streetlights and roundabout landscape areas.	10.2	10.2	10.2	10.2	40.8	110
Street Operations North Storage Facility (BD02) Contractual Services costs related to annual maintenance.	-	8.8	8.8	8.8	26.4	83
Street Operations Work and Asset Management System (JB56) Contractual Services costs related to annual maintenance.	63.0	63.0	63.0	63.0	252.0	93
WestWorld Internet for TNEC (DE04) Contractual Services costs related to annual maintenance.	10.0	10.0	10.0	10.0	40.0	94
WestWorld Trail Connections (TC02) Contractual Services costs related to the maintenance of a new path system.	61.0	61.0	61.0	61.0	244.0	125
<b>Total Forecasted Operating Impacts</b>	<b>593.8</b>	<b>801.0</b>	<b>999.7</b>	<b>999.7</b>	<b>3,394.2</b>	

Notes: Operating impacts relating to projects scheduled for completion in FY2017/18 have been included in the appropriate divisional operating budget.



FY 2017/18 Adopted Budget



# Project Descriptions

(In thousands of dollars)

## Community Facilities

Community Facilities programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreation facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 3.3 percent (\$17.5 million) of the CIP has been identified to address the needs of this program.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Community Facilities</b>							
<b>Library/Library Improvements</b>							
Civic Center Library Scottsdale Heritage Connection (TEMP1759)	-	-	-	-	657.9	657.9	44
Civic Center Library Story Time Room Expansion (TEMP1753)	-	-	-	-	291.4	291.4	44
<b>Neighborhood &amp; Community</b>							
Aquatics Chemical System Replacement (PD01)	1,860.2	1,460.2	-	-	-	3,320.4	45
Arts in Public Places (DE05)	538.9	-	-	-	-	538.9	45
Civic Center Mall Renovations (DC01)	87.7	-	-	-	-	87.7	46
Desert Discovery Center Business Plan & Feasibility Analysis (DC02)	485.7	-	-	-	-	485.7	46
Downtown Entertainment District Street & Pedestrian Lighting (DE02)	373.3	-	-	-	-	373.3	47
Downtown Marshall Way Lighting & Electrical Outlets (DD02)	576.8	-	-	-	-	576.8	47
Downtown Public Restroom Main Street (DD01)	720.7	-	-	-	-	720.7	47
Downtown Splash Pad (PE01)	169.9	-	-	-	-	169.9	48
Marshall Way Entry Feature (DB57)	63.7	-	-	-	-	63.7	48
Museum of the West Permanent Hopi Pottery Gallery (DD04)	119.4	-	-	-	-	119.4	49
North Hall Arenas (DD05)	9.1	-	-	-	-	9.1	49
Scottsdale Road Preservation Streetscape Enhancement (DB50)	3,113.6	-	-	-	-	3,113.6	49
SkySong - ASU Scottsdale Center for Innovation - Art Component (DC03)	404.8	-	-	-	-	404.8	50
Tony Nelssen Equestrian Center Expansion (DB54)	39.1	-	-	-	-	39.1	50
TPC Golf Course Water Stations (PC04)	153.8	-	-	-	-	153.8	50
WestWorld Tent Removal (DD03)	676.6	-	-	-	-	676.6	51
<b>Parks/Park Improvements</b>							
Indian Bend Wash Lakes Phase I (PB63)	796.6	-	-	-	-	796.6	52
McCormick Park Reservoir Removal (PD03)	311.1	-	-	-	-	311.1	52
McDowell Road - Berm Landscaping (DE01)	964.5	-	-	-	-	964.5	53
Outfalls (PE02)	455.0	-	-	-	-	455.0	53
Park Building Improvements (TEMP1131)	-	-	-	-	3,340.0	3,340.0	54
Renovate Vista del Camino Park/Indian Bend Wash Area (PD05)	2,224.9	6,175.3	5,037.6	5,037.6	5,037.6	23,513.0	54
Scottsdale Stadium Infrastructure Improvements (PB57)	1,015.5	202.2	202.2	202.2	202.2	1,824.3	55
Scottsdale Stadium Masterplan (PC03)	103.2	-	-	-	-	103.2	55
Scottsdale Stadium Osborn Road APS Improvements (PD06)	67.4	-	-	-	-	67.4	55
Scottsdale Stadium Safety Repairs & Maintenance (PD02)	1,089.8	-	-	-	-	1,089.8	56

\*Recurring Capital Maintenance Projects.

**Civic Center Library Scottsdale Heritage Connection - (TEMP1759)**

**Est. Completion:** 06/22

**Location:** Civic Center Library

**Project Type:** Construction Related

**Description:** Provide physical and digital space for the Scottsdale Heritage Connection (SHC) who collect, organize and makes accessible materials relating to Scottsdale's past, present and future. The materials focus on culture, geography, people, government and history. The collection engages, educates and entertains through physical and virtual resources, public programs and community partnerships.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	657.9	-	-	-	-	-	657.9	657.9
<b>Total:</b>	<b>657.9</b>	-	-	-	-	-	<b>657.9</b>	<b>657.9</b>

**Civic Center Library Story Time Room Expansion - (TEMP1753)**

**Est. Completion:** 06/22

**Location:** Civic Center Library

**Project Type:** Construction Related

**Description:** Expand and revitalize the Civic Center Library story time room to house adult and children programs. The existing space is about 400 square feet and too small to accommodate the attendance of the various programs. The expansion will increase the room to up to 1,025 square feet and include modifications to the heating, ventilation and air conditioning (HVAC) and lighting systems along with increased storage and rest room modifications.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	191.4	-	-	-	-	-	191.4	191.4
Grants	24.0	-	-	-	-	-	24.0	24.0
Library Gifts Memorial Fund	76.0	-	-	-	-	-	76.0	76.0
<b>Total:</b>	<b>291.4</b>	-	-	-	-	-	<b>291.4</b>	<b>291.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Aquatics Chemical System Replacement - (PD01)**

**Est. Completion:** 04/19

**Location:** Citywide - all aquatic centers (Eldorado, Chaparral, Cactus and McDowell Mountain Ranch)

**Project Type:** Construction Related

**Description:** Bring the city's aquatics operations into compliance with federal Homeland Security guidelines by replacing the existing chemical treatment systems in all city pools with an on-site chlorine generation system.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	3,452.0	(131.6)	1,860.2	1,460.2	-	-	-	3,320.4
<b>Total:</b>	<b>3,452.0</b>	<b>(131.6)</b>	<b>1,860.2</b>	<b>1,460.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,320.4</b>

**Arts in Public Places - (DE05)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Commission and acquisition of public art as part of the city's Art in Public Places Program under the Code of Ordinances, Chapter 20, Article VII-Public Art, Sections 20-121 to 20-123. The city shall expend an amount equal to one percent of the city council approved budget for each capital improvement project that is publicly visible including city buildings, structures, drainage projects, parks, transportation streetscapes, multi-use pathways, transit and pedestrian amenities (such as bus shelters, sidewalks and shade structures), bridges and plazas.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	197.2	-	197.2	-	-	-	-	197.2
2015 GO Bond - Q5 - Public Safety Fire	48.1	-	48.1	-	-	-	-	48.1
Transportation 0.2% Sales Tax	293.6	-	293.6	-	-	-	-	293.6
<b>Total:</b>	<b>538.9</b>	<b>-</b>	<b>538.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>538.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

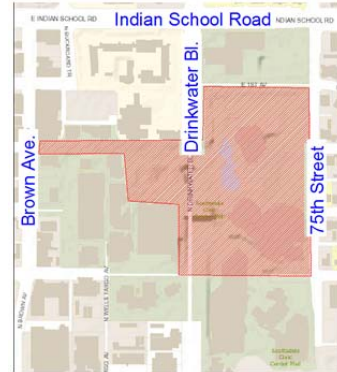


**Civic Center Mall Renovations - (DC01)**

**Est. Completion:** 06/18  
**Location:** Civic Center Mall  
**Project Type:** Construction Related

**Description:**

Develop a Master Plan and conceptual design to update the Civic Center Mall facility. The goal is to create a more desirable and useful center for community activities including an "event ready" venue which will allow the destination to be competitive in attracting large scale tourism events. The master plan will also identify necessary repairs to the infrastructure of the facility.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	150.0	(110.5)	39.5	-	-	-	-	39.5
Tourism Development Funds	150.0	(101.8)	48.2	-	-	-	-	48.2
<b>Total:</b>	<b>300.0</b>	<b>(212.3)</b>	<b>87.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>87.7</b>

**Desert Discovery Center Business Plan & Feasibility Analysis - (DC02)**

**Est. Completion:** 06/18  
**Location:** City of Scottsdale  
**Project Type:** Construction Related

**Description:** Develop a program and plan for the potential future Desert Discovery Center that will include a schematic architectural design and a business plan.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Tourism Development Funds	1,696.9	(1,211.2)	485.7	-	-	-	-	485.7
<b>Total:</b>	<b>1,696.9</b>	<b>(1,211.2)</b>	<b>485.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>485.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Downtown Entertainment District Street & Pedestrian Lighting - (DE02)**

**Est. Completion:** 12/18

**Location:** North to south from Camelback Road to 6th Avenue and east to west from the Civic Center Plaza to Buckboard Trail

**Project Type:** Construction Related

**Description:** Design and install up to eighteen new street and pedestrian level light poles and fixtures to enhance the nighttime lighting and improve public safety within the Entertainment District.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	373.3	-	373.3	-	-	-	-	373.3
<b>Total:</b>	<b>373.3</b>	<b>-</b>	<b>373.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>373.3</b>

**Downtown Marshall Way Lighting & Electrical Outlets - (DD02)**

**Est. Completion:** 06/18

**Location:** Downtown Scottsdale at Marshall Way from Goldwater north to 5th Avenue and side streets near Main Street and the 5th Avenue "district"

**Project Type:** Construction Related

**Description:** Install new street light poles and add mast arms and luminaries to existing light poles. Install conduit, conductors and electrical outlets to new and existing street light poles throughout project location i.e. primarily West Main Street, Marshall Way and 5th Avenue "district."

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	822.6	(245.8)	576.8	-	-	-	-	576.8
<b>Total:</b>	<b>822.6</b>	<b>(245.8)</b>	<b>576.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>576.8</b>

**Downtown Public Restroom Main Street - (DD01)**

**Est. Completion:** 12/18

**Location:** Downtown Main Street (West of Scottsdale Road)

**Project Type:** Construction Related

**Description:** Build a public restroom facility preferably on existing city property nestled between buildings along Main Street, or on leased private property.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	722.7	(2.0)	720.7	-	-	-	-	720.7
<b>Total:</b>	<b>722.7</b>	<b>(2.0)</b>	<b>720.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>720.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Downtown Splash Pad - (PE01)**

**Est. Completion:** 06/18

**Location:** To be determined by the Downtown Master Plan

**Project Type:** Construction Related

**Description:** Construction of a spray pad in in the Downtown area to provide a fun and safe location for surrounding families and visitors.

Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	169.9	-	169.9	-	-	-	-	169.9
<b>Total:</b>	<b>169.9</b>	<b>-</b>	<b>169.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>169.9</b>

**Marshall Way Entry Feature - (DB57)**

**Est. Completion:** 06/18

**Location:** Marshall Way and Indian School Road

**Project Type:** Construction Related

**Description:** Construction of a public art project in the general vicinity of Marshall Way and Indian School Road.



Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	7.0	(0.7)	6.3	-	-	-	-	6.3
Tourism Development Funds	150.0	(92.6)	57.4	-	-	-	-	57.4
<b>Total:</b>	<b>157.0</b>	<b>(93.3)</b>	<b>63.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Museum of the West Permanent Hopi Pottery Gallery - (DD04)**

**Est. Completion:** 06/18

**Location:** Western Spirit Scottsdale's Museum of the West

**Project Type:** Construction Related

**Description:** Design and construct gallery displays within the Museum of the West to house the permanent Hopi Pottery Gallery.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	83.7	-	83.7	-	-	-	-	83.7
Tourism Development Funds	35.7	-	35.7	-	-	-	-	35.7
<b>Total:</b>	<b>119.4</b>	<b>-</b>	<b>119.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>119.4</b>

**North Hall Arenas - (DD05)**

**Est. Completion:** 06/18

**Location:** WestWorld

**Project Type:** Construction Related

**Description:** Purchase temporary arenas and base ground material in arenas.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	20.0	(10.9)	9.1	-	-	-	-	9.1
CIP WestWorld Basin Management Fund	209.0	(209.0)	-	-	-	-	-	-
<b>Total:</b>	<b>229.0</b>	<b>(219.9)</b>	<b>9.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9.1</b>

**Scottsdale Road Preservation Streetscape Enhancement - (DB50)**

**Est. Completion:** 06/18

**Location:** Along Scottsdale Road from the southern to the northern city limits

**Project Type:** Construction Related

**Description:** Acquire, preserve and restore desert lands along Scottsdale Road, and promote its designation as a Scenic Corridor. Enhance Scottsdale Road's streetscape image along its entire length to reflect its significance as the signature roadway of the community. Project may include the modification, restoration, and/or improvement of landscaping, street hardware, street signs, overhead power lines, walkways, trails, transit facilities and public art.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	31.1	-	31.1	-	-	-	-	31.1
Bond 2000	26,843.4	(23,947.7)	2,895.7	-	-	-	-	2,895.7
Grants	96.5	(96.5)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	280.2	(93.4)	186.8	-	-	-	-	186.8
<b>Total:</b>	<b>27,251.2</b>	<b>(24,137.6)</b>	<b>3,113.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,113.6</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**SkySong - ASU Scottsdale Center for Innovation - Art Component - (DC03)**

**Est. Completion:** 06/18

**Location:** Southeast corner of Scottsdale Road and McDowell Road

**Project Type:** Construction Related

**Description:** Provide an art component, as part of the city's lease responsibility with the Arizona State University Foundation (ASUF) to provide infrastructure to support site development.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (72.7)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	477.5	(72.7)	404.8	-	-	-	-	404.8
<b>Total:</b>	<b>477.5</b>	<b>(72.7)</b>	<b>404.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>404.8</b>

**Tony Nelssen Equestrian Center Expansion - (DB54)**

**Est. Completion:** 06/18

**Location:** WestWorld

**Project Type:** Construction Related

**Description:** Design and construction of an expansion of the Tony Nelssen Equestrian Center to a final configuration of approximately 300,000 square feet of climate-controlled enclosed space. The facility will house the existing arena with additional areas to accommodate multiple uses, including arenas or temporary stalls for equestrian use, space to accommodate the Barrett-Jackson Auto Auction and the potential to support other public entertainment events.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (492.5)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	494.9	(492.5)	2.4	-	-	-	-	2.4
MPC Bonds	42,060.1	(42,060.1)	-	-	-	-	-	-
Tourism Development Funds	4,065.0	(4,028.3)	36.7	-	-	-	-	36.7
<b>Total:</b>	<b>46,620.0</b>	<b>(46,580.9)</b>	<b>39.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.1</b>

**TPC Golf Course Water Stations - (PC04)**

**Est. Completion:** 06/18

**Location:** Tournament Players Club (TPC) Scottsdale

**Project Type:** Construction Related

**Description:** Design and construct up to six water and ice stations throughout the TPC golf course.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (116.2)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	50.0	(19.5)	30.5	-	-	-	-	30.5
Tournament Players Club Basin	220.0	(96.7)	123.3	-	-	-	-	123.3
<b>Total:</b>	<b>270.0</b>	<b>(116.2)</b>	<b>153.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**WestWorld Tent Removal - (DD03)**

**Est. Completion:** 06/18

**Location:** WestWorld

**Project Type:** Construction Related

**Description:** Civil restorations and electrical relocations associated with dismantling the city tent. Restoration includes asphalt patching and capping existing water lines. Electrical relocations include relocating existing above ground facilities and extending existing electrical facilities.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	700.0	(23.4)	676.6	-	-	-	-	676.6
<b>Total:</b>	<b>700.0</b>	<b>(23.4)</b>	<b>676.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>676.6</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Indian Bend Wash Lakes Phase I - (PB63) ①**

**Est. Completion:** 06/18  
**Location:** Hayden Road and Indian School Road  
**Project Type:** Construction Related

**Description:**

Renovate the Indian Bend Wash Lake at Indian School Park. The primary function of this lake is for watering the turf areas of the parks as well as providing recreational opportunities and wildlife habitats. The renovations include repair of erosion damage prevention of water loss and safety enhancements.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	3,240.0	(2,443.4)	796.6	-	-	-	-	796.6
<b>Total:</b>	<b>3,240.0</b>	<b>(2,443.4)</b>	<b>796.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>796.6</b>

**McCormick Park Reservoir Removal - (PD03)**

**Est. Completion:** 06/18  
**Location:** McCormick Stillman Railroad Park  
**Project Type:** Construction Related

**Description:**

Abandonment of the existing water reservoir and construction of additional parking within the McCormick Stillman Park parking lot.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,037.7	(726.6)	311.1	-	-	-	-	311.1
<b>Total:</b>	<b>1,037.7</b>	<b>(726.6)</b>	<b>311.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>311.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**McDowell Road - Berm Landscaping - (DE01)**

**Est. Completion:** 06/20

**Location:** North side of McDowell Road, adjacent to Indian Bend Wash

**Project Type:** Construction Related

**Description:** Design, construct, and maintain landscaping, pedestrian walkways, seating, and lighting on two city-owned vacant parcels located on the north side of McDowell Road and either side of the Indian Bend Wash.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	964.5	-	964.5	-	-	-	-	964.5
<b>Total:</b>	<b>964.5</b>	<b>-</b>	<b>964.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>964.5</b>

**Outfalls - (PE02)**

**Est. Completion:** 06/18

**Location:** Eldorado Park, Indian Bend Wash, Northsight Park, Scottsdale Sports Complex, Camelback Wash and Mescal Park

**Project Type:** Construction Related

**Description:** Regrade various outfalls in six city parks through the removal of sediment buildup to help reduce standing water.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	455.0	-	455.0	-	-	-	-	455.0
<b>Total:</b>	<b>455.0</b>	<b>-</b>	<b>455.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>455.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Park Building Improvements - (TEMP1131)**

**Est. Completion:** 06/22

**Location:** Eldorado, Pima, Vista del Camino, and McCormick Railroad Parks

**Project Type:** Construction Related

**Description:** Replacement of city park restrooms, activity/storage and maintenance buildings in four city parks.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	3,340.0	-	-	-	-	-	3,340.0	3,340.0
<b>Total:</b>	<b>3,340.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,340.0</b>	<b>3,340.0</b>

**Renovate Vista del Camino Park/Indian Bend Wash Area - (PD05)**

**Est. Completion:** 06/22

**Location:** Vista del Camino lakes from McKellips Road to Thomas Road

**Project Type:** Construction Related

**Description:**

Reconstruct the Vista del Camino lakes including new irrigation, pumping systems, lake edges and liners. Improve park amenities including an upgraded turf irrigation system, multi-use paths, restroom building, ramadas and playgrounds.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	22,153.0	-	864.9	6,175.3	5,037.6	5,037.6	5,037.6	22,153.0
Bond 2000	1,360.0	-	1,360.0	-	-	-	-	1,360.0
<b>Total:</b>	<b>23,513.0</b>	<b>-</b>	<b>2,224.9</b>	<b>6,175.3</b>	<b>5,037.6</b>	<b>5,037.6</b>	<b>5,037.6</b>	<b>23,513.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Scottsdale Stadium Infrastructure Improvements - (PB57)**

**Est. Completion:** N/A

**Location:** Scottsdale Stadium

**Project Type:** Construction Related

**Description:** Lifecycle maintenance and replacement of aging building components in the Stadium.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	10.0	(8.4)	1.6	-	-	-	-	1.6
Stadium Improvement IGA	2,110.0	(287.3)	1,013.9	202.2	202.2	202.2	202.2	1,822.7
<b>Total:</b>	<b>2,120.0</b>	<b>(295.7)</b>	<b>1,015.5</b>	<b>202.2</b>	<b>202.2</b>	<b>202.2</b>	<b>202.2</b>	<b>1,824.3</b>

**Scottsdale Stadium Masterplan - (PC03)**

**Est. Completion:** 06/18

**Location:** City of Scottsdale

**Project Type:** Construction Related

**Description:** Creation of a masterplan for the future upgrades, expansion and growth of the Scottsdale Stadium.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	14.0	(3.0)	11.0	-	-	-	-	11.0
Stadium Improvement IGA	250.0	(157.8)	92.2	-	-	-	-	92.2
<b>Total:</b>	<b>264.0</b>	<b>(160.8)</b>	<b>103.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>103.2</b>

**Scottsdale Stadium Osborn Road APS Improvements - (PD06)**

**Est. Completion:** 06/18

**Location:** Scottsdale Stadium

**Project Type:** Construction Related

**Description:** Undergrounding of power lines.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	66.0	(2.6)	63.4	-	-	-	-	63.4
Contributions	4.0	-	4.0	-	-	-	-	4.0
<b>Total:</b>	<b>70.0</b>	<b>(2.6)</b>	<b>67.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>67.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Scottsdale Stadium Safety Repairs & Maintenance - (PD02)**

**Est. Completion:** 06/18

**Location:** Scottsdale Stadium

**Project Type:** Construction Related

**Description:** Renovate and improve various areas in the Scottsdale Stadium to improve safety. Included are the renovation of concrete walkways, replacement of concrete tree grates and improvement of general lighting in all concourses and pedestrian walkways.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,723.0	(633.2)	1,089.8	-	-	-	-	1,089.8
<b>Total:</b>	<b>1,723.0</b>	<b>(633.2)</b>	<b>1,089.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,089.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



06 29 2017

# Project Descriptions

(In thousands of dollars)

## Drainage / Flood Control

Drainage/Flood Control focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by preventing property damage from flooding. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 1.7 percent (\$8.8 million) of the CIP has been identified to address the drainage and flood control needs of the city.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Drainage / Flood Control</b>							
<b>Drainage / Flood Control</b>							
Granite Reef Watershed (FB50)	6,062.5	-	2,529.0	6,345.0	29,879.8	44,816.3	58
Loop 101 Detention Basin (FB53)	661.2	-	-	-	-	661.2	58
* Neighborhood Stormwater Management Improvements (YC05)	39.9	-	-	-	-	39.9	59
* Neighborhood Stormwater Management Improvements (YD05)	61.5	-	-	-	-	61.5	59
Princess Drive Drainage Project (FC01)	983.1	-	325.0	-	-	1,308.1	60
Reata Wash Flood Control (FB55)	-14.5	-	-	-	-	-14.5	61
Upper Camelback Wash Watershed (FB51)	560.5	-	-	-	-	560.5	61

\*Recurring Capital Maintenance Projects.

**Granite Reef Watershed - (FB50)**

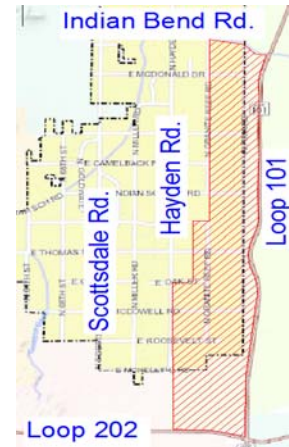
**Est. Completion:** 06/22

**Location:** Chaparral Road to the Salt River, Granite Reef Road to Pima Road

**Project Type:** Construction Related

**Description:**

Provide 100 year flood protection and eliminate the existing Federal Emergency Management Agency (FEMA) AE zone designation (area subject to inundation by the 1 percent annual chance flood event), which carries a need for mandatory flood insurance for the structures in the Granite Reef Wash corridor between Thomas Road and McKellips Road. This major project will be constructed in two phases: Phase 1 is from north of Jackrabbit Road to Indian School Road; and Phase 2 is from south of Indian School Road to the Salt River.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	5,967.1	(80.7)	5,886.4	-	-	-	-	5,886.4
Bond 2000	6,211.8	(2,199.2)	4,012.6	-	-	-	-	4,012.6
Flood Control District IGA	24,221.1	(2,397.8)	(2,397.8)	-	2,529.0	6,345.0	15,347.1	21,823.3
Salt River Pima Maricopa Indian Community IGA	14,532.7	(1,438.7)	(1,438.7)	-	-	-	14,532.7	13,094.0
<b>Total:</b>	<b>50,932.7</b>	<b>(6,116.4)</b>	<b>6,062.5</b>	<b>-</b>	<b>2,529.0</b>	<b>6,345.0</b>	<b>29,879.8</b>	<b>44,816.3</b>

**Loop 101 Detention Basin - (FB53) ①**

**Est. Completion:** 12/18

**Location:** North of Loop 101 and west of Pima Road

**Project Type:** Construction Related

**Description:** Construct a stormwater detention basin on a 52-acre site north of the Loop 101 Freeway, west of Pima Road and south of the Water Campus to protect lands south of the freeway from the 100-year flood. The detention basin will provide short-term storage of stormwater originating from areas north and east of the site and allow for a non-damaging release of the flows to the Bureau of Reclamation basin at the Tournament Players Club (TPC).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,423.3	(1,219.0)	204.3	-	-	-	-	204.3
Contributions	593.1	(593.1)	-	-	-	-	-	-
Flood Control District IGA	456.9	-	456.9	-	-	-	-	456.9
<b>Total:</b>	<b>2,473.3</b>	<b>(1,812.1)</b>	<b>661.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>661.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Neighborhood Stormwater Management Improvements - (YC05) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide miscellaneous as-needed drainage improvements throughout the city that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Stormwater In-Lieu Fees	75.0	(35.1)	39.9	-	-	-	-	39.9
<b>Total:</b>	<b>75.0</b>	<b>(35.1)</b>	<b>39.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.9</b>

**Neighborhood Stormwater Management Improvements - (YD05) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide miscellaneous as-needed drainage improvements throughout the city that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Stormwater In-Lieu Fees	75.0	(13.5)	61.5	-	-	-	-	61.5
<b>Total:</b>	<b>75.0</b>	<b>(13.5)</b>	<b>61.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Princess Drive Drainage Project - (FC01)**

**Est. Completion:** 06/20

**Location:** Princess Drive east of Scottsdale Road

**Project Type:** Construction Related

**Description:**

Analyze the drainage that is conveyed through the existing box culvert under Princess Drive east of Scottsdale Road. Design and construct modifications to enhance the flow under Princess Drive to reduce sedimentation within the structure.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Contributions	1,425.0	(116.9)	983.1	-	325.0	-	-	1,308.1
<b>Total:</b>	<b>1,425.0</b>	<b>(116.9)</b>	<b>983.1</b>	<b>-</b>	<b>325.0</b>	<b>-</b>	<b>-</b>	<b>1,308.1</b>

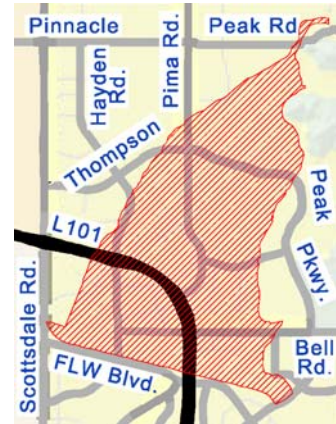
① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Reata Wash Flood Control - (FB55)**

**Est. Completion:** 06/18  
**Location:** Reata Wash  
**Project Type:** Construction Related

**Description:** Complete a study to recommend options to reduce and remove the potential flood hazard that affects the area north of the Central Arizona Project Canal known as the Reata Wash alluvial fan.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,256.0	(1,270.5)	(14.5)	-	-	-	-	(14.5)
<b>Total:</b>	<b>1,256.0</b>	<b>(1,270.5)</b>	<b>(14.5)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(14.5)</b>

**Upper Camelback Wash Watershed - (FB51)**

**Est. Completion:** 06/18  
**Location:** Bounded by Sweetwater Avenue on the north; 96th Place on the east; Shea Boulevard on the south and 90th Street on the west.  
**Project Type:** Construction Related

**Description:** Construct drainage channel improvements and new storm drains and several detention basins. The project will be constructed in two phases: Phase 1 is south of Cactus Road and Phase 2 is north of Cactus Road.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	230.0	(212.1)	17.9	-	-	-	-	17.9
Bond 2000	6,152.2	(6,066.8)	85.4	-	-	-	-	85.4
Contributions	10,090.6	(10,090.6)	-	-	-	-	-	-
Flood Control District IGA	457.2	-	457.2	-	-	-	-	457.2
<b>Total:</b>	<b>16,930.0</b>	<b>(16,369.5)</b>	<b>560.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>560.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



FY 2017/18 Adopted Budget



# Project Descriptions

(In thousands of dollars)

## Preservation

Preservation focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert. The 1998 election expanded the recommended study boundary from the original 12,876 acres to about 34,000 acres. The 2004 election provided an additional revenue stream (0.15 percent sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 9.1 percent (\$47.6 million) of the CIP has been identified to address this program.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Preservation</b>							
<b>Preservation/Preservation Improvements</b>							
Central Area Trail Construction (DB52)	289.1	-	-	-	-	289.1	64
Expanded McDowell Sonoran Preserve (PB66)	32,709.9	-	-	-	-	32,709.9	64
Fraesfield and Granite Mountain Trailheads (PD04)	5,983.3	1,000.0	-	-	-	6,983.3	65
North and Central Area Access Control & Stabilization (PB54)	1,610.3	100.0	100.0	100.0	-	1,910.3	65
North Area Trail Construction (PB50)	1,084.4	100.0	100.0	100.0	-	1,384.4	66
Pima/Dynamite Trailhead (PB65)	4,402.2	-	-	-	-	4,402.2	66
Preserve Trail, Habitat & Safety Improvements (PB52)	105.7	30.0	30.0	30.0	-	195.7	66
South Area Access Control (PB61)	311.5	150.0	150.0	150.0	-	761.5	67
South Area Trail Construction (PB51)	569.1	-	-	-	-	569.1	67

\*Recurring Capital Maintenance Projects.

**Central Area Trail Construction - (DB52)**

**Est. Completion:** 12/20

**Location:** McDowell Sonoran Preserve, various planned trail locations in the central area

**Project Type:** Construction Related

**Description:** Construct various multiuse trails in the central preserve (approximately 10 miles of trails). These multiuse trails are identified in the Master Trails Plan for the Preserve recommended by the McDowell Sonoran Preserve Commission and approved by City Council.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Sales Tax 2004 (0.15)	406.4	(406.4)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	466.1	(177.0)	289.1	-	-	-	-	289.1
<b>Total:</b>	<b>872.5</b>	<b>(583.4)</b>	<b>289.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>289.1</b>

**Expanded McDowell Sonoran Preserve - (PB66)**

**Est. Completion:** 06/99

**Location:** McDowell Mountain Preserve

**Project Type:** Construction Related

**Description:** Purchase Preserve land within the estimated 34,000 acre planned Preserve boundary, as approved by the voters in May 1995 and November 1998.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
G.O. Preserve Bonds	20,098.7	(20,098.7)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	32,877.3	(167.4)	32,709.9	-	-	-	-	32,709.9
Preserve Tax 95 Land Acquisition Only	15,291.0	(15,291.0)	-	-	-	-	-	-
<b>Total:</b>	<b>68,267.0</b>	<b>(35,557.1)</b>	<b>32,709.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,709.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Fraesfield and Granite Mountain Trailheads - (PD04)**

**Est. Completion:** 12/20

**Location:** McDowell Sonoran Preserve, Dynamite Boulevard and 134th Street and Lone Mountain and 136th Street

**Project Type:** Construction Related

**Description:**

Construct amenities including driveway, parking, shade ramadas, restrooms, interpretative materials, mountain climbing staging, equestrian amenities, storage and other infrastructure improvements to serve passive recreational users at the north community access areas in the McDowell Sonoran Preserve. These access areas will serve as staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (16.7)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Tax 04 - Land & Improvements	7,000.0	(16.7)	5,983.3	1,000.0	-	-	-	6,983.3
<b>Total:</b>	<b>7,000.0</b>	<b>(16.7)</b>	<b>5,983.3</b>	<b>1,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,983.3</b>

**North and Central Area Access Control & Stabilization - (PB54)**

**Est. Completion:** 06/21

**Location:** McDowell Sonoran Preserve, in the vicinity of Pima Road, 136th Street, Dynamite Boulevard and Stagecoach Road

**Project Type:** Construction Related

**Description:** Stabilize, plan and improve several existing informal trail access points in the northern region of the McDowell Sonoran Preserve. The project will include stabilization of entry roads and the installation of gates, fencing and signage as required around the perimeter of the central and northern region of the Preserve.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (1,141.3)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Sales Tax 2004 (0.15)	1,141.3	(1,141.3)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	2,758.7	(848.4)	1,610.3	100.0	100.0	100.0	-	1,910.3
<b>Total:</b>	<b>3,900.0</b>	<b>(1,989.7)</b>	<b>1,610.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>1,910.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**North Area Trail Construction - (PB50)**

**Est. Completion:** 06/21

**Location:** McDowell Sonoran Preserve, generally north of Dynamite Boulevard east of Pima Road

**Project Type:** Construction Related

**Description:** Eradicate unwanted trails and restoration of the area where these unwanted trails were located. Approximately two-thirds of the existing trails in the area will be eliminated and the land restored through this project. Improve the remaining one-third of the existing trails, which are included in the Conceptual Trails Plan for the Preserve recommended by the McDowell Sonoran Preserve Commission and approved by City Council.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Sales Tax 2004 (0.15)	964.3	(964.3)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	2,235.7	(851.3)	1,084.4	100.0	100.0	100.0	-	1,384.4
<b>Total:</b>	<b>3,200.0</b>	<b>(1,815.6)</b>	<b>1,084.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>1,384.4</b>

**Pima/Dynamite Trailhead - (PB65)**

**Est. Completion:** 12/19

**Location:** McDowell Sonoran Preserve, Northeast of Pima Road and Dynamite Boulevard

**Project Type:** Construction Related

**Description:** Construct amenities including driveway, parking, shade ramadas, restrooms, small amphitheater, interpretative materials, equestrian amenities, storage and other infrastructure improvements to serve passive recreational users at a major north community access area in the McDowell Sonoran Preserve. This access area will serve as a staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Tax 04 - Land & Improvements	4,500.0	(97.8)	4,402.2	-	-	-	-	4,402.2
<b>Total:</b>	<b>4,500.0</b>	<b>(97.8)</b>	<b>4,402.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,402.2</b>

**Preserve Trail, Habitat & Safety Improvements - (PB52)**

**Est. Completion:** 06/21

**Location:** McDowell Sonoran Preserve

**Project Type:** Construction Related

**Description:** Reconstruct segments of trails within the McDowell Sonoran Preserve. Many of these trails were built 5 to 6 years ago, in areas of rugged terrain. Accordingly, some of these trail segments require re-routing and/or reconstruction, beyond the scope of routine maintenance. Improvements may involve, but not be limited to trail construction, trail signage and various safety enhancements to old mining areas/shafts to remove or mitigate hazard conditions.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Contributions	5.7	(5.7)	-	-	-	-	-	-
Preserve Sales Tax 2004 (0.15)	20.1	(20.1)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	281.2	(85.5)	105.7	30.0	30.0	30.0	-	195.7
<b>Total:</b>	<b>307.0</b>	<b>(111.3)</b>	<b>105.7</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>-</b>	<b>195.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**South Area Access Control - (PB61)**

**Est. Completion:** 06/21

**Location:** McDowell Sonoran Preserve generally South of the Deer Valley alignment

**Project Type:** Construction Related

**Description:** Stabilize, plan and improve several existing informal trail access points in the northern region of the McDowell Sonoran Preserve. The project will include stabilization of entry roads, the installation of gates, fencing and signage as required around the perimeter of the central and southern region of the Preserve.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Sales Tax 2004 (0.15)	603.2	(603.2)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	1,196.8	(435.3)	311.5	150.0	150.0	150.0	-	761.5
<b>Total:</b>	<b>1,800.0</b>	<b>(1,038.5)</b>	<b>311.5</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>-</b>	<b>761.5</b>

**South Area Trail Construction - (PB51)**

**Est. Completion:** 06/20

**Location:** McDowell Sonoran Preserve, north-south corridor in the interior of the McDowell Mountains

**Project Type:** Construction Related

**Description:** Construct a remote, interior, secondary, multiuse trail connecting existing trails in the south part of the Preserve to existing trails in the central area of the Preserve along a north-south corridor. This multiuse trail is identified in the Master Trails Plan for the Preserve recommended by the McDowell Sonoran Preserve Commission and approved by City Council.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Preserve Sales Tax 2004 (0.15)	410.4	(410.4)	-	-	-	-	-	-
Preserve Tax 04 - Land & Improvements	579.6	(10.5)	569.1	-	-	-	-	569.1
<b>Total:</b>	<b>990.0</b>	<b>(420.9)</b>	<b>569.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>569.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.





FY 2017/18 Adopted Budget



# Project Descriptions

(In thousands of dollars)

## Public Safety

Public Safety programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe. This goal is met by providing fire and police stations, training facilities and automation systems related to fire and police operations. Approximately 3.6 percent (\$18.6 million) of the CIP has been identified to address the public safety needs of the city.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Public Safety</b>							
<b>Fire Protection</b>							
Fire Station 603 Relocation (BC04)	4,168.2	-	-	-	-	4,168.2	70
Fire Station 605 Renovation (BC05)	726.8	-	-	-	-	726.8	71
Fire Station 613 Construction (BC02)	5,258.7	-	-	-	-	5,258.7	71
Fire Station 613 Design (BB52)	191.5	-	-	-	-	191.5	72
Fire Station 616 Design and Construction (BC03)	3,672.1	-	-	-	-	3,672.1	72
National Fire Protection Association (NFPA) Station Standards (TEMP1484)	-	-	-	4,639.8	-	4,639.8	73
Renovate Fire Station 606 (TEMP1734)	-	-	-	-	1,238.4	1,238.4	73
<b>Police</b>							
9-1-1 Voice Logging Recorder Replacement (MB60)	30.3	-	-	-	-	30.3	74
Additional Servers for Digital Evidence and Forensic Recovery (JB63)	31.3	-	-	-	-	31.3	74
Advanced Mobile Solutions (JB61)	105.1	-	-	-	-	105.1	74
Ballistic Glass at Police Department Facilities (BE02)	335.7	-	-	-	-	335.7	75
Cameras & Communication Equipment for Special Events and Surveillance Investigations (JB60)	20.7	-	-	-	-	20.7	75
Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement (JD05)	664.9	407.7	239.8	239.8	71.9	1,624.1	75
Crime Lab Latent Print Comparison and AFIS Room (JD06)	124.7	-	-	-	-	124.7	76
* Crime Laboratory Equipment Replacement (YD03)	29.5	-	-	-	-	29.5	76
* Crime Laboratory Equipment Replacement (YE03)	239.8	323.7	295.9	288.9	141.7	1,290.0	76
Lab Information Management System (LIMS) Integration (MB62)	111.5	-	-	-	-	111.5	77
* Police Portable & Vehicle Radio Replacement (YE06)	1,144.5	1,144.5	991.9	991.9	991.9	5,264.7	77
Policy & Standards Management Software (MB63)	25.8	-	-	-	-	25.8	77
Public Safety Radio System - Phase I - Final Conversion (MC01)	345.5	-	-	-	-	345.5	78
Records Management System & Computer Aided Dispatch Enhancements and Refresh (JB62)	395.1	-	-	510.8	-	905.9	78

\*Recurring Capital Maintenance Projects.

**Fire Station 603 Relocation - (BC04)**

**Est. Completion:** 01/19  
**Location:** McCormick Ranch area  
**Project Type:** Construction Related

**Description:** Purchase land, design and construct a new Fire Station in the McCormick Ranch area, replacing the existing Fire Station 603, and improving response times to that portion of the city. The new station will include crew quarters and facilities, office space, Occupational Safety and Health Administration (OSHA) certified decontamination area, safety gear storage and an apparatus bay.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	130.6	(22.5)	108.1	-	-	-	-	108.1
2015 GO Bond - Q5 - Public Safety Fire	6,722.8	(2,662.7)	4,060.1	-	-	-	-	4,060.1
<b>Total:</b>	<b>6,853.4</b>	<b>(2,685.2)</b>	<b>4,168.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,168.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Fire Station 605 Renovation - (BC05)**

**Est. Completion:** 06/18  
**Location:** 75th Street and Shea Boulevard  
**Project Type:** Construction Related

**Description:** Improve the bathrooms, locker rooms, bunk rooms and kitchen in Fire Station 605 that was built in 1983. The renovated apparatus bay area will also include Occupational Safety and Health Administration (OSHA) certified decontamination room and personal protective equipment storage.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	28.0	(0.6)	27.4	-	-	-	-	27.4
2015 GO Bond - Q5 - Public Safety Fire	800.0	(100.6)	699.4	-	-	-	-	699.4
<b>Total:</b>	<b>828.0</b>	<b>(101.2)</b>	<b>726.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>726.8</b>

**Fire Station 613 Construction - (BC02)**

**Est. Completion:** 01/18  
**Location:** Desert Foothills area at Jomax and Hayden Roads  
**Project Type:** Construction Related  
**Description:** Construct a new fire station to replace a temporary modular facility in the Desert Foothills area at Jomax and Hayden Roads. The new station will include crew quarters and facilities, office space, Occupational Safety and Health Administration (OSHA) certified decontamination area, safety gear storage and an apparatus bay.

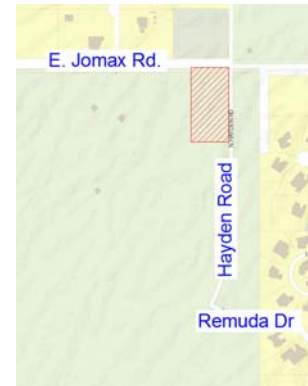
Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	162.3	-	162.3	-	-	-	-	162.3
2015 GO Bond - Q5 - Public Safety Fire	5,100.0	(3.6)	5,096.4	-	-	-	-	5,096.4
<b>Total:</b>	<b>5,262.3</b>	<b>(3.6)</b>	<b>5,258.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,258.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Fire Station 613 Design - (BB52)**

**Est. Completion:** 06/18  
**Location:** Hayden Road and Jomax Road, southeast corner  
**Project Type:** Construction Related

**Description:** Design a 9,000 square foot fire station to include crew quarters and facilities, office space, Occupational Safety and Health Administration (OSHA) certified decontamination area, safety gear storage and triple apparatus bay. This fire station will serve the Desert Foothills area.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	390.8	(199.3)	191.5	-	-	-	-	191.5
Bond 2000	332.7	(332.7)	-	-	-	-	-	-
<b>Total:</b>	<b>723.5</b>	<b>(532.0)</b>	<b>191.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>191.5</b>

**Fire Station 616 Design and Construction - (BC03)**

**Est. Completion:** 06/18  
**Location:** 110th Street and Cave Creek Road  
**Project Type:** Construction Related  
**Description:** Construct a new fire station to replace a temporary facility at 110th Street and Cave Creek Road. The new station will include crew quarters and facilities, office space, Occupational Safety and Health Administration (OSHA) certified decontamination area, safety gear storage and an apparatus bay.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	95.3	(0.4)	94.9	-	-	-	-	94.9
2015 GO Bond - Q5 - Public Safety Fire	3,679.1	(101.9)	3,577.2	-	-	-	-	3,577.2
<b>Total:</b>	<b>3,774.4</b>	<b>(102.3)</b>	<b>3,672.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,672.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**National Fire Protection Association (NFPA) Station Standards - (TEMP1484)**

**Est. Completion:** 06/21

**Location:** Fire Stations 607, 609, 610, 611,614 and 615

**Project Type:** Construction Related

**Description:** Renovate the interior of six existing fire stations to align with National Fire Protection Association (NFPA) code and standard 1581 for infection and control. The renovations will extend the useful life of the stations and bring the stations to current safety standards

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	4,639.8	-	-	-	-	4,639.8	-	4,639.8
<b>Total:</b>	<b>4,639.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,639.8</b>	<b>-</b>	<b>4,639.8</b>

**Renovate Fire Station 606 - (TEMP1734)**

**Est. Completion:** 06/22

**Location:** 10850 East Via Linda Road

**Project Type:** Construction Related

**Description:** Renovate the interior living space of Fire Station 606 to include bathrooms, locker rooms, bunk rooms, kitchen, offices and communal space improvements. Renovate the apparatus bay area to include an OSHA compliant decontamination room, and personal protective equipment storage.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,238.4	-	-	-	-	-	1,238.4	1,238.4
<b>Total:</b>	<b>1,238.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,238.4</b>	<b>1,238.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**9-1-1 Voice Logging Recorder Replacement - (MB60)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Replace the 9-1-1 voice logging recorder so that the Police Department can maintain the expected level of service to the public and provide continuous recording of voice communications and police activity.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	3.4	(0.6)	2.8	-	-	-	-	2.8
RICO	237.3	(209.8)	27.5	-	-	-	-	27.5
<b>Total:</b>	<b>240.7</b>	<b>(210.4)</b>	<b>30.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30.3</b>

**Additional Servers for Digital Evidence and Forensic Recovery - (JB63)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase a Computer Crimes Unit server and four forensic recovery of evidence work stations.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	14.1	(2.3)	11.8	-	-	-	-	11.8
RICO	156.0	(136.5)	19.5	-	-	-	-	19.5
<b>Total:</b>	<b>170.1</b>	<b>(138.8)</b>	<b>31.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31.3</b>

**Advanced Mobile Solutions - (JB61)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase of Advanced Mobile Solutions including Citrix & NetMotion expansion, related licensing, new Advanced Authentication requirements and mobile computing solutions.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	8.7	(0.6)	8.1	-	-	-	-	8.1
RICO	97.0	-	97.0	-	-	-	-	97.0
<b>Total:</b>	<b>105.7</b>	<b>(0.6)</b>	<b>105.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Ballistic Glass at Police Department Facilities - (BE02)**

**Est. Completion:** 06/18

**Location:** Citywide Police Department facilities

**Project Type:** Construction Related

**Description:** Install approximately 420 square feet of ballistic rated glass in reception areas of the Police Department facilities.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	335.7	-	335.7	-	-	-	-	335.7
<b>Total:</b>	<b>335.7</b>	<b>-</b>	<b>335.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>335.7</b>

**Cameras & Communication Equipment for Special Events and Surveillance Investigations - (JB60)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase wireless special event security camera system. The security camera equipment will be used for temporary deployment at major special events. The equipment will aid the Scottsdale Police Department with the overall management, safety and security of events that attract large numbers of people to Scottsdale. Real-time video will be transmitted to the local event command post as well as the city and Police Department Emergency Operations Centers.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	12.6	(7.8)	4.8	-	-	-	-	4.8
RICO	140.0	(124.1)	15.9	-	-	-	-	15.9
<b>Total:</b>	<b>152.6</b>	<b>(131.9)</b>	<b>20.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20.7</b>

**Closed Circuit Television (CCTV)(Security Camera System) and Access Control Replacement - (JD05)**

**Est. Completion:** 06/24

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Replace non-functioning Closed Circuit Television (CCTV) security equipment.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,902.5	(358.6)	584.7	407.7	239.8	239.8	71.9	1,543.9
Court Enhancement Funds	198.0	(117.8)	80.2	-	-	-	-	80.2
<b>Total:</b>	<b>2,100.5</b>	<b>(476.4)</b>	<b>664.9</b>	<b>407.7</b>	<b>239.8</b>	<b>239.8</b>	<b>71.9</b>	<b>1,624.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Crime Lab Latent Print Comparison and AFIS Room - (JD06)****Est. Completion:** 06/18**Location:** Forensic Laboratory**Project Type:** Construction Related**Description:** Repurpose an area of the Crime Lab for a Latent Print comparison section for four examiners. The new location offers natural light that is essential for the examination of latent prints and additional space required.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	11.1	(0.9)	10.2	-	-	-	-	10.2
Crime Lab Assessment	129.6	(15.1)	114.5	-	-	-	-	114.5
<b>Total:</b>	<b>140.7</b>	<b>(16.0)</b>	<b>124.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>124.7</b>

**Crime Laboratory Equipment Replacement - (YD03) ②****Est. Completion:** N/A**Location:** Police Department District 1**Project Type:** Technology Related**Description:** Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. The use of outdated technology can become a reliability issue when presenting examination results in court. Updated technology technology will reduce examination time and provide quicker availability of forensic examination results for the officers and the courts.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	210.4	(184.3)	26.1	-	-	-	-	26.1
Crime Lab Assessment	4.0	(0.6)	3.4	-	-	-	-	3.4
Forensic Science IGAs	20.0	(20.0)	-	-	-	-	-	-
<b>Total:</b>	<b>234.4</b>	<b>(204.9)</b>	<b>29.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29.5</b>

**Crime Laboratory Equipment Replacement - (YE03) ②****Est. Completion:** N/A**Location:** Police Department District 1**Project Type:** Technology Related**Description:** Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. The use of outdated technology can become a reliability issue when presenting examination results in court. Updated technology technology will reduce examination time and provide quicker availability of forensic examination results for the officers and the courts.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,190.0	-	219.8	303.7	275.9	268.9	121.7	1,190.0
Forensic Science IGAs	100.0	-	20.0	20.0	20.0	20.0	20.0	100.0
<b>Total:</b>	<b>1,290.0</b>	<b>-</b>	<b>239.8</b>	<b>323.7</b>	<b>295.9</b>	<b>288.9</b>	<b>141.7</b>	<b>1,290.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Lab Information Management System (LIMS) Integration - (MB62)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase programming and integration services from Intergraph and JusticeTrax that will allow the exchange of Intergraph/Law Enforcement Automated Database Systems (I/LEADS) property data with the JusticeTrax Lab Information Services (LIMS). Electronic transmission of the data between the two systems will automate the exchange of information, reduce administrative time by eliminating redundant data entry into LIMS, reduce the possibility of data entry errors and increase the timeliness of lab requests, processing and lab results posting back to the officer and into the I/LEADS incident. Efficient property handling and timely testing will expedite the prosecution and adjudication of criminal cases.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	9.3	(0.6)	8.7	-	-	-	-	8.7
RICO	102.8	-	102.8	-	-	-	-	102.8
<b>Total:</b>	<b>112.1</b>	<b>(0.6)</b>	<b>111.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>111.5</b>

**Police Portable & Vehicle Radio Replacement - (YE06) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Replace police portable and vehicle radios. Portable radios are on an 7-year replacement plan and vehicle radios are on a 10-year replacement plan.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	5,264.7	-	1,144.5	1,144.5	991.9	991.9	991.9	5,264.7
<b>Total:</b>	<b>5,264.7</b>	<b>-</b>	<b>1,144.5</b>	<b>1,144.5</b>	<b>991.9</b>	<b>991.9</b>	<b>991.9</b>	<b>5,264.7</b>

**Policy & Standards Management Software - (MB63)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase new software that will allow the Police Department to track policy and procedure changes and accreditation standards compliance.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	3.9	(1.4)	2.5	-	-	-	-	2.5
RICO	44.0	(20.7)	23.3	-	-	-	-	23.3
<b>Total:</b>	<b>47.9</b>	<b>(22.1)</b>	<b>25.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Public Safety Radio System - Phase I - Final Conversion - (MC01)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Final conversion related to the purchase a new radio system that provides improved coverage, interoperability with other public safety agencies, and increased bandwidth to handle growth in radio voice traffic.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	501.0	(155.5)	345.5	-	-	-	-	345.5
<b>Total:</b>	<b>501.0</b>	<b>(155.5)</b>	<b>345.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>345.5</b>

**Records Management System & Computer Aided Dispatch Enhancements and Refresh - (JB62)**

**Est. Completion:** 06/21

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Provide vendor specific feature enhancements to improve the Computer Aided Dispatch system, Records Management System and Mobile for Public Safety systems.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	543.5	(0.6)	32.1	-	-	510.8	-	542.9
RICO	363.0	-	363.0	-	-	-	-	363.0
<b>Total:</b>	<b>906.5</b>	<b>(0.6)</b>	<b>395.1</b>	<b>-</b>	<b>-</b>	<b>510.8</b>	<b>-</b>	<b>905.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.



# Project Descriptions

(In thousands of dollars)

## Service Facilities

Service Facilities focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the city. Approximately 3.8 percent (\$20.1 million) of the CIP has been identified to address this program.

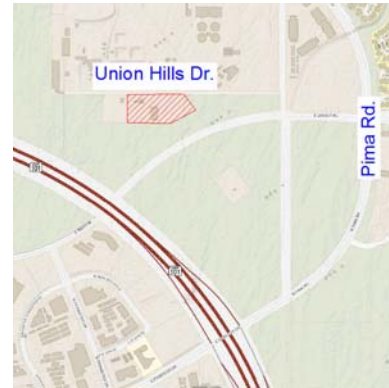
Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Service Facilities</b>							
<b>Municipal Facilities/Improvements</b>							
Additional Compressed Natural Gas (CNG) Station (BC01)	2,537.2	-	-	-	-	2,537.2	80
City Court Customer Service Counters and Lobby Remodel (BE01)	23.5	275.0	-	-	-	298.5	80
* Facilities Repair and Maintenance Program (YD01)	396.8	-	-	-	-	396.8	81
* Facilities Repair and Maintenance Program (YE01)	1,855.7	1,830.1	1,769.6	2,191.5	2,079.0	9,725.9	81
Fleet Fuel Site Upgrade (BE03)	3,127.4	-	-	-	-	3,127.4	82
North Corp Yard CNG Compliance (BB53)	499.5	-	-	-	-	499.5	82
Street Operations North Storage Facility (BD02)	495.0	-	-	-	-	495.0	83
<b>Technology Improvements</b>							
CIP Contingency (ZB50)	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0	23,000.0	84
CIP Contingency for Future Grants (ZB51)	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	84
* Citywide Audio/Video Equipment Replacement (YE04)	147.2	74.1	14.2	114.5	130.8	480.8	84
Data Center Resiliency Plan (JD01)	4,770.2	-	-	-	-	4,770.2	85
Enterprise Resource Planning System (TEMP1833)	-	-	-	-	4,488.0	4,488.0	85
Irrigation Control System (TEMP1664)	-	-	-	1,368.9	-	1,368.9	85
IT - Information Lifecycle Management (MB58)	122.7	-	-	-	-	122.7	86
* IT - Network Infrastructure (YC07)	-0.2	-	-	-	-	-0.2	87
* IT - Network Infrastructure (YD07)	277.8	-	-	-	-	277.8	87
* IT - Network Infrastructure (YE07)	381.7	419.6	441.5	566.7	1,368.0	3,177.5	86
* IT - Server Infrastructure (YB70)	68.1	-	-	-	-	68.1	88
* IT - Server Infrastructure (YC08)	61.3	-	-	-	-	61.3	89
* IT - Server Infrastructure (YD08)	505.9	-	-	-	-	505.9	88
* IT - Server Infrastructure (YE08)	349.7	978.5	937.5	564.5	564.4	3,394.6	89
IT-Web Content Management SW (MB51)	92.3	-	-	-	-	92.3	90
License and Permit Management System (JD04)	472.5	-	-	-	-	472.5	90
Lobby Queuing System Replacements (JD03)	84.0	-	-	-	-	84.0	90
Mobile Network Software (MB57)	232.8	-	-	-	-	232.8	91
Online Bill Payment and Presentment System (JB65)	263.3	-	-	-	-	263.3	91
Payroll System Replacement (JB59)	390.8	-	-	-	-	390.8	92
Public Safety Radio Network Lifecycle Project (JD02)	-	-	-	476.8	-	476.8	92
Risk Management System (TEMP1836)	-	577.5	-	-	-	577.5	93
Solid Waste Vehicle Monitoring System (JB66)	330.6	-	-	-	-	330.6	93
Street Operations Work and Asset Management System (JB56)	149.5	-	-	-	-	149.5	93
WestWorld Internet for TNEC (DE04)	218.0	-	-	-	-	218.0	94
Wide Area Network Fiber (MB53)	95.8	-	-	-	-	95.8	94

\*Recurring Capital Maintenance Projects.

**Additional Compressed Natural Gas (CNG) Station - (BC01)**

**Est. Completion:** 06/18  
**Location:** Solid Waste Transfer Station  
**Project Type:** Construction Related

**Description:** Build a Compressed Natural Gas (CNG) fueling station to support the growing number of CNG powered solid waste refuse trucks. The city has over 54 vehicles with CNG powered engines in its fleet that are currently serviced by only one compression station located at the city's North Corporate Yard.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Fleet Rates	765.0	(102.8)	662.2	-	-	-	-	662.2
Sanitation Rates	1,875.0	-	1,875.0	-	-	-	-	1,875.0
<b>Total:</b>	<b>2,640.0</b>	<b>(102.8)</b>	<b>2,537.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,537.2</b>

**City Court Customer Service Counters and Lobby Remodel - (BE01)**

**Est. Completion:** 06/19  
**Location:** City Court  
**Project Type:** Construction Related  
**Description:** Design and construct the remodel and enhancement of the city court's customer service counters and lobby areas.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Court Enhancement Funds	298.5	-	23.5	275.0	-	-	-	298.5
<b>Total:</b>	<b>298.5</b>	<b>-</b>	<b>23.5</b>	<b>275.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>298.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Facilities Repair and Maintenance Program - (YD01) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Protect the city's infrastructure through systematic and rational repair and maintenance to major municipal facilities including office buildings, recreation centers, libraries, sports field lighting, multi-use pathways and other buildings and facilities. The work involved is in the following areas: electrical, fencing and gates, heating, ventilation and air conditioning (HVAC), roofs and other major equipment items.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,538.8	(1,142.0)	396.8	-	-	-	-	396.8
<b>Total:</b>	<b>1,538.8</b>	<b>(1,142.0)</b>	<b>396.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>396.8</b>

**Facilities Repair and Maintenance Program - (YE01) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Protect the city's infrastructure through systematic and rational repair and maintenance to major municipal facilities including office buildings, recreation centers, libraries, sports field lighting, multi-use pathways and other buildings and facilities. The work involved is in the following areas: electrical, fencing and gates, heating, ventilation and air conditioning (HVAC), roofs and other major equipment items.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	9,725.9	-	1,855.7	1,830.1	1,769.6	2,191.5	2,079.0	9,725.9
<b>Total:</b>	<b>9,725.9</b>	<b>-</b>	<b>1,855.7</b>	<b>1,830.1</b>	<b>1,769.6</b>	<b>2,191.5</b>	<b>2,079.0</b>	<b>9,725.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

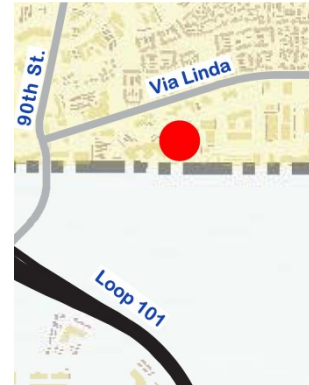
② Recurring Capital Maintenance Projects.



**Fleet Fuel Site Upgrade - (BE03)**

**Est. Completion:** N/A  
**Location:** North Corporate Yard and Police Department District 3  
**Project Type:** Construction Related

**Description:** Investigate, design and construct replacement fuel tanks for up to five existing underground storage tanks. These tanks are used to fuel a large portion of the city's vehicle fleet.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Fleet Rates	3,127.4	-	3,127.4	-	-	-	-	3,127.4
<b>Total:</b>	<b>3,127.4</b>	<b>-</b>	<b>3,127.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,127.4</b>

**North Corp Yard CNG Compliance - (BB53)**

**Est. Completion:** 06/18  
**Location:** North Corporate Yard  
**Project Type:** Construction Related

**Description:** Bring the city's fleet shop into compliance with current building codes for the service and maintenance of Compressed Natural Gas (CNG) vehicles.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Fleet Rates	561.3	(61.8)	499.5	-	-	-	-	499.5
<b>Total:</b>	<b>561.3</b>	<b>(61.8)</b>	<b>499.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>499.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Street Operations North Storage Facility - (BD02)**

**Est. Completion:** 06/18

**Location:** North of Dynamite Boulevard on the east side of Pima Road

**Project Type:** Construction Related

**Description:** Build a storage area for street operations shoulders and drainage and street cleaning programs. This location will provide storage of materials and equipment and enable more efficient response to maintenance needs in the city.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	495.0	-	495.0	-	-	-	-	495.0
<b>Total:</b>	<b>495.0</b>	<b>-</b>	<b>495.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>495.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**CIP Contingency - (ZB50)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides budgetary appropriation set aside for citywide emergencies or unforeseen expenditures not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	23,000.0	-	5,000.0	4,500.0	4,500.0	4,500.0	4,500.0	23,000.0
<b>Total:</b>	<b>23,000.0</b>	<b>-</b>	<b>5,000.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>23,000.0</b>

**CIP Contingency for Future Grants - (ZB51)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides budgetary appropriation set aside for citywide unforeseen grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	25,000.0	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0
<b>Total:</b>	<b>25,000.0</b>	<b>-</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>25,000.0</b>

**Citywide Audio/Video Equipment Replacement - (YE04) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** The replacement, upgrade or refurbishment of the television broadcast equipment and audio/visual equipment in both the City Hall Kiva and the CityCable 11 studios when this equipment reaches the end of its expected lifespan or for specific needed improvements.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	480.8	-	147.2	74.1	14.2	114.5	130.8	480.8
<b>Total:</b>	<b>480.8</b>	<b>-</b>	<b>147.2</b>	<b>74.1</b>	<b>14.2</b>	<b>114.5</b>	<b>130.8</b>	<b>480.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Data Center Resiliency Plan - (JD01)**

**Est. Completion:** 06/19

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Plan for the catastrophic loss of the city's primary data center as well as other departmental data centers. Establish a new data center with a third party provider. The new data center will be leveraged to provide a resilient diverse option for each of the existing data centers. Provide the hardware and software required to establish service at the new data center. Modify the existing city primary data center to integrate with the new data center.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	4,900.0	(129.8)	4,770.2	-	-	-	-	4,770.2
<b>Total:</b>	<b>4,900.0</b>	<b>(129.8)</b>	<b>4,770.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,770.2</b>

**Enterprise Resource Planning System - (TEMP1833)**

**Est. Completion:** 06/22

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement a new, modern enterprise resource planning system to enable the effective administration of the city's financial, purchasing, and warehouse systems. The desired solution will directly integrate with the Human Resources Information System (HRIS).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	4,488.0	-	-	-	-	-	4,488.0	4,488.0
<b>Total:</b>	<b>4,488.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,488.0</b>	<b>4,488.0</b>

**Irrigation Control System - (TEMP1664)**

**Est. Completion:** 06/21

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Replace the irrigation control system of all city parks and right-of-ways to control daily water usage, meet watering industry standards for safe and aesthetic turf and vegetation and to comply with the state water consumption requirements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	1,368.9	-	-	-	-	1,368.9	-	1,368.9
<b>Total:</b>	<b>1,368.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,368.9</b>	<b>-</b>	<b>1,368.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**IT - Information Lifecycle Management - (MB58)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Move the city Police Department's electronic storage and corresponding servers to the primary data center and prepare for the addition of the off site third party data center.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	210.0	(87.3)	122.7	-	-	-	-	122.7
<b>Total:</b>	<b>210.0</b>	<b>(87.3)</b>	<b>122.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>122.7</b>

**IT - Network Infrastructure - (YE07) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's computer network infrastructure.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	2,619.1	-	314.5	345.9	363.9	467.2	1,127.6	2,619.1
Aviation Funds	14.6	-	1.8	1.9	2.0	2.6	6.3	14.6
CDBG	16.5	-	2.0	2.2	2.3	2.9	7.1	16.5
Fleet Rates	33.9	-	4.1	4.5	4.7	6.0	14.6	33.9
Sanitation Rates	45.8	-	5.5	6.0	6.4	8.2	19.7	45.8
Self Insurance	10.0	-	1.2	1.3	1.4	1.8	4.3	10.0
Sewer Rates	82.4	-	9.9	10.9	11.4	14.7	35.5	82.4
Transportation 0.2% Sales Tax	107.1	-	12.9	14.1	14.9	19.1	46.1	107.1
Water Rates	248.1	-	29.8	32.8	34.5	44.2	106.8	248.1
<b>Total:</b>	<b>3,177.5</b>	<b>-</b>	<b>381.7</b>	<b>419.6</b>	<b>441.5</b>	<b>566.7</b>	<b>1,368.0</b>	<b>3,177.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**IT - Network Infrastructure - (YC07) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's computer network infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	282.3	(282.5)	(0.2)	-	-	-	-	(0.2)
Aviation Funds	1.6	(1.6)	-	-	-	-	-	-
Fleet Rates	4.3	(4.3)	-	-	-	-	-	-
Sanitation Rates	8.8	(8.8)	-	-	-	-	-	-
Section 8	0.5	(0.5)	-	-	-	-	-	-
Self Insurance	1.2	(1.2)	-	-	-	-	-	-
Sewer Rates	9.5	(9.5)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	10.9	(10.9)	-	-	-	-	-	-
Water Rates	24.6	(24.6)	-	-	-	-	-	-
<b>Total:</b>	<b>343.7</b>	<b>(343.9)</b>	<b>(0.2)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(0.2)</b>

**IT - Network Infrastructure - (YD07) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's computer network infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	336.9	(79.4)	257.5	-	-	-	-	257.5
Aviation Funds	2.0	(2.0)	-	-	-	-	-	-
CDBG	0.8	-	0.8	-	-	-	-	0.8
Fleet Rates	4.5	(3.8)	0.7	-	-	-	-	0.7
Sanitation Rates	3.5	(0.9)	2.6	-	-	-	-	2.6
Self Insurance	1.2	(1.2)	-	-	-	-	-	-
Sewer Rates	9.1	(9.1)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	12.4	(6.5)	5.9	-	-	-	-	5.9
Water Rates	29.6	(19.3)	10.3	-	-	-	-	10.3
<b>Total:</b>	<b>400.0</b>	<b>(122.2)</b>	<b>277.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>277.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**IT - Server Infrastructure - (YB70) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's server infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	772.1	(704.0)	68.1	-	-	-	-	68.1
Aviation Funds	2.5	(2.5)	-	-	-	-	-	-
Fleet Rates	8.5	(8.5)	-	-	-	-	-	-
Sanitation Rates	6.7	(6.7)	-	-	-	-	-	-
Section 8	2.0	(2.0)	-	-	-	-	-	-
Self Insurance	2.5	(2.5)	-	-	-	-	-	-
Sewer Rates	10.7	(10.7)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	25.0	(25.0)	-	-	-	-	-	-
Water Rates	71.5	(71.5)	-	-	-	-	-	-
<b>Total:</b>	<b>901.5</b>	<b>(833.4)</b>	<b>68.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>68.1</b>

**IT - Server Infrastructure - (YD08) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's server infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	450.6	-	450.6	-	-	-	-	450.6
Aviation Funds	2.7	-	2.7	-	-	-	-	2.7
CDBG	1.1	-	1.1	-	-	-	-	1.1
Fleet Rates	6.1	(4.4)	1.7	-	-	-	-	1.7
Sanitation Rates	4.7	-	4.7	-	-	-	-	4.7
Self Insurance	1.7	-	1.7	-	-	-	-	1.7
Sewer Rates	12.1	-	12.1	-	-	-	-	12.1
Transportation 0.2% Sales Tax	16.5	-	16.5	-	-	-	-	16.5
Water Rates	39.6	(24.8)	14.8	-	-	-	-	14.8
<b>Total:</b>	<b>535.1</b>	<b>(29.2)</b>	<b>505.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>505.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**IT - Server Infrastructure - (YE08) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's server infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	2,622.5	-	288.3	630.8	772.7	465.4	465.3	2,622.5
Aviation Funds	20.2	-	1.6	9.1	4.3	2.6	2.6	20.2
CDBG	22.8	-	1.8	10.3	4.9	2.9	2.9	22.8
Fleet Rates	46.8	-	3.7	21.1	10.0	6.0	6.0	46.8
Sanitation Rates	63.2	-	5.0	28.5	13.5	8.1	8.1	63.2
Self Insurance	14.0	-	1.1	6.3	3.0	1.8	1.8	14.0
Sewer Rates	113.9	-	9.1	51.3	24.3	14.6	14.6	113.9
Transportation 0.2% Sales Tax	148.1	-	11.8	66.7	31.6	19.0	19.0	148.1
Water Rates	343.1	-	27.3	154.4	73.2	44.1	44.1	343.1
<b>Total:</b>	<b>3,394.6</b>	<b>-</b>	<b>349.7</b>	<b>978.5</b>	<b>937.5</b>	<b>564.5</b>	<b>564.4</b>	<b>3,394.6</b>

**IT - Server Infrastructure - (YC08) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the city's server infrastructure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	557.4	(504.5)	52.9	-	-	-	-	52.9
Aviation Funds	2.8	(1.2)	1.6	-	-	-	-	1.6
Fleet Rates	7.7	(7.7)	-	-	-	-	-	-
Sanitation Rates	16.0	(16.0)	-	-	-	-	-	-
Section 8	0.9	-	0.9	-	-	-	-	0.9
Self Insurance	2.3	-	2.3	-	-	-	-	2.3
Sewer Rates	17.1	(17.1)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	19.7	(16.1)	3.6	-	-	-	-	3.6
Water Rates	44.3	(44.3)	-	-	-	-	-	-
<b>Total:</b>	<b>668.2</b>	<b>(606.9)</b>	<b>61.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.



**IT-Web Content Management SW - (MB51)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement an enterprise wide web content management system to improve the integrity and manageability of Internet and Intranet services through increased efficiency of the publishing process.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	298.4	(206.1)	92.3	-	-	-	-	92.3
<b>Total:</b>	<b>298.4</b>	<b>(206.1)</b>	<b>92.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>92.3</b>

**License and Permit Management System - (JD04)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement a new, modern license and permit management system to enable the administration of over 30,000 regulatory license and permit holders and collection of over \$3,000,000 annually.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	472.5	-	472.5	-	-	-	-	472.5
<b>Total:</b>	<b>472.5</b>	<b>-</b>	<b>472.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>472.5</b>

**Lobby Queuing System Replacements - (JD03)**

**Est. Completion:** 06/18

**Location:** City Court

**Project Type:** Technology Related

**Description:** Provide an efficient and effective way to manage lobby flow and provide performance metrics to assist with staff resourcing. The new system assigns service call numbers to patrons of the court and prioritizes waiting periods.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Court Enhancement Funds	84.0	-	84.0	-	-	-	-	84.0
<b>Total:</b>	<b>84.0</b>	<b>-</b>	<b>84.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>84.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Mobile Network Software - (MB57)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement applications and hardware to provide improved wireless performance, software updates, auditing control, license management, and additional security for the mobile computing platform. The applications and hardware coupled together with existing infrastructure will provide the capability to manage mobile computing assets from a central support location.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	208.8	(60.6)	148.2	-	-	-	-	148.2
Fleet Rates	2.0	-	2.0	-	-	-	-	2.0
Sanitation Rates	32.5	-	32.5	-	-	-	-	32.5
Sewer Rates	16.5	-	16.5	-	-	-	-	16.5
Transportation 0.2% Sales Tax	27.5	-	27.5	-	-	-	-	27.5
Water Rates	59.1	(53.0)	6.1	-	-	-	-	6.1
<b>Total:</b>	<b>346.4</b>	<b>(113.6)</b>	<b>232.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>232.8</b>

**Online Bill Payment and Presentment System - (JB65)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement a new and modern online payment and presentment platform to enable the collection of over one million water, sewer and solid waste payments annually.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sanitation Rates	126.5	(56.2)	70.3	-	-	-	-	70.3
Sewer Rates	126.5	(5.9)	120.6	-	-	-	-	120.6
Water Rates	128.5	(56.1)	72.4	-	-	-	-	72.4
<b>Total:</b>	<b>381.5</b>	<b>(118.2)</b>	<b>263.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>263.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Payroll System Replacement - (JB59)**

**Est. Completion:** 01/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement a fully integrated Payroll and Human Resources Information System to enable a cost-effective, citywide resource to reduce redundancy and human error, while increasing organizational efficiency.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	469.7	(180.2)	289.5	-	-	-	-	289.5
Aviation Funds	5.1	(2.0)	3.1	-	-	-	-	3.1
CDBG	1.5	(1.5)	-	-	-	-	-	-
Court Enhancement Funds	4.4	(4.4)	-	-	-	-	-	-
Fleet Rates	17.0	(17.0)	-	-	-	-	-	-
Forensic Science IGAs	0.5	(0.5)	-	-	-	-	-	-
McCormick RailRoad Park	4.6	(4.6)	-	-	-	-	-	-
RICO	248.2	(248.2)	-	-	-	-	-	-
Sanitation Rates	33.4	(27.9)	5.5	-	-	-	-	5.5
Section 8	2.8	(2.8)	-	-	-	-	-	-
Self Insurance	2.8	(2.8)	-	-	-	-	-	-
Sewer Rates	11.8	(5.2)	6.6	-	-	-	-	6.6
Transportation 0.2% Sales Tax	30.3	(11.8)	18.5	-	-	-	-	18.5
Water Rates	67.6	-	67.6	-	-	-	-	67.6
<b>Total:</b>	<b>899.7</b>	<b>(508.9)</b>	<b>390.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>390.8</b>

**Public Safety Radio Network Lifecycle Project - (JD02)**

**Est. Completion:** 08/21

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase Motorola radios for the city that will communicate on a narrow banded P25 radio system. This system is a suite of standards for digital radio communications for use by federal, state and local public safety organizations in North America to enable them to communicate with other agencies and mutual aid response teams in emergencies.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	476.8	-	-	-	-	476.8	-	476.8
<b>Total:</b>	<b>476.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>476.8</b>	<b>-</b>	<b>476.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Risk Management System - (TEMP1836)**

**Est. Completion:** 12/19

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Implement a new, modern risk management platform to effectively manage our liability and workmen's compensation claims

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Self Insurance	577.5	-	-	577.5	-	-	-	577.5
<b>Total:</b>	<b>577.5</b>	<b>-</b>	<b>-</b>	<b>577.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>577.5</b>

**Solid Waste Vehicle Monitoring System - (JB66)**

**Est. Completion:** 06/20

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase and install a vehicle monitoring system for the solid waste vehicle fleet that will provide vehicle maintenance and operations monitoring, Radio Frequency Identification (RFID) technology for monitoring container servicing and usage and other applications that will assist in increasing the productivity and efficiency of Solid Waste departmental operations.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sanitation Rates	822.5	(491.9)	330.6	-	-	-	-	330.6
<b>Total:</b>	<b>822.5</b>	<b>(491.9)</b>	<b>330.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>330.6</b>

**Street Operations Work and Asset Management System - (JB56)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Purchase and integrate a software package to provide asset and work management for all of the maintenance work falling under the jurisdiction of the Street Operations department. This includes work and assets relating to shoulders and drainage, pavement management, signs and markings, traffic signals, street lights and street cleaning.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	168.1	(18.6)	149.5	-	-	-	-	149.5
<b>Total:</b>	<b>168.1</b>	<b>(18.6)</b>	<b>149.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>149.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**WestWorld Internet for TNEC - (DE04)**

**Est. Completion:** 06/18

**Location:** WestWorld

**Project Type:** Technology Related

**Description:** Provide an enterprise grade internet network for show producers and vendors renting the Tony Nelssen Equestrian facility.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	218.0	-	218.0	-	-	-	-	218.0
<b>Total:</b>	<b>218.0</b>	<b>-</b>	<b>218.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>218.0</b>

**Wide Area Network Fiber - (MB53)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Extend fiber that is being placed for the Intelligent Transportation Systems (ITS) project to city locations on the wide area network (WAN) such as parks and libraries that are in very close proximity to current or planned fiber paths. This upgrade will allow these locations to connect directly to the city network.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	465.9	(370.1)	95.8	-	-	-	-	95.8
<b>Total:</b>	<b>465.9</b>	<b>(370.1)</b>	<b>95.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>95.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



# Project Descriptions

(In thousands of dollars)

## Transportation

Transportation programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2 percent privilege tax to fund transportation operations and improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction. This program looks for the best use of these funding sources and addresses the multi-modal concept. Approximately 31.3 percent (\$163.5 million) of the CIP has been identified to address the transportation needs of the city.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Transportation</b>							
<b>Aviation/Aviation Improvements</b>							
Airport Future Grants Contingency (ZB53)	3,350.1	-	-	-	-	3,350.1	97
Airport Pavement Preservation Program (AB52)	521.3	100.0	-	-	-	621.3	97
Airport Terminal Area Redevelopment Project (AB59)	25,229.0	-	-	-	-	25,229.0	97
Amy's Test Project (AmyTest)	1,213.0	100.0	-	-	-	1,313.0	0
Apron Reconstruction - Delta Apron (AC02)	3,800.0	-	-	-	-	3,800.0	98
Aviation Match Contingency (ZB52)	250.0	-	-	-	-	250.0	98
Environmental Assessment for Land Acquisition (TEMPAB57)	-	-	199.9	-	-	199.9	98
Erosion Protection/Wildlife Mitigation - Runway Approach Area (AC01)	183.1	-	-	-	-	183.1	99
Land Acquisition 4.0 Acres (TEMP1882)	-	-	-	-	9,500.1	9,500.1	99
Reconstruct Taxiway "A" and Exits (AB60)	4,101.5	-	-	-	-	4,101.5	99
Reconstruct Transient Parking Apron (AE02)	2,300.0	-	-	-	-	2,300.0	100
Rehabilitate Runway 03/21 (AB61)	600.0	6,700.0	-	-	-	7,300.0	100
Rehabilitate Taxiway "C" (TEMP975)	-	-	26.3	148.7	-	175.0	100
Relocate Electrical Vault and Beacon (AD01)	139.7	-	-	-	-	139.7	101
Runway Guard Lights (AE01)	300.0	1,700.0	-	-	-	2,000.0	101
<b>Streets/Street Improvements</b>							
118th Street: Ranch Gate to Dynamite Boulevard (TD02)	650.0	-	-	-	-	650.0	102
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB55)	246.0	-	-	-	-	246.0	102
Frank Lloyd Wright-Scottsdale Rd to Shea (SB50)	222.4	-	-	-	-	222.4	103
McDowell Road Bicycle Lanes from Pima Road to 64th Street (SD01)	3,721.8	-	-	-	-	3,721.8	103
Miller Road Underpass at the 101 Freeway (SC03)	691.4	-	19,005.7	-	-	19,697.1	104
* Pavement Overlay Program (YD29)	815.2	-	-	-	-	815.2	104
* Pavement Overlay Program (YE29)	6,550.0	6,550.0	6,550.0	6,550.0	6,550.0	32,750.0	104
Pavement Replacement (TC06)	8,401.3	-	-	-	-	8,401.3	105
Pima Road - Pinnacle Peak to Happy Valley (SC01)	7,956.3	-	-	-	-	7,956.3	105
Pima Road: Via Linda to Via de Ventura (SB57)	1,803.0	-	-	-	-	1,803.0	106
Pima Road: Krail Street to Chaparral Road (SC04)	13,512.7	-	-	-	-	13,512.7	106
Raintree Drive: Scottsdale Road to Hayden Road (SB53)	19,329.8	-	-	-	-	19,329.8	107
Raintree Drive: Hayden Road to Loop 101 (SC02)	9,006.0	-	-	-	-	9,006.0	108
Redfield Road: Raintree Drive to Hayden Road (SB56)	2,142.9	-	-	-	-	2,142.9	108
Replace Drainage Grates (SB58)	203.1	100.0	100.0	100.0	-	503.1	109
Second Street Bike Path Connection (SD02)	323.1	-	-	-	-	323.1	109
Southbound Loop 101 Frontage Road Connections (SB54)	4,199.9	-	-	-	-	4,199.9	110
* Streetlight Replacement (YE30)	200.0	200.0	200.0	200.0	200.0	1,000.0	110
Via Linda Traffic Circles (SE01)	500.0	-	-	-	-	500.0	111
<b>Traffic/Traffic Reduction</b>							
Advanced Traffic Signal Control Cabinets - Phase I (TC04)	686.3	-	-	-	-	686.3	112

\*Recurring Capital Maintenance Projects.

# Project Descriptions

(In thousands of dollars)

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Transportation</b>							
<b>Traffic/Traffic Reduction</b>							
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	720.0	-	-	720.0	112
Hayden/Thomas Safety Improvements (TB57)	2,034.5	-	-	-	-	2,034.5	113
* Intersection Improvements (YD19)	234.4	-	-	-	-	234.4	113
* Intersection Improvements (YE19)	830.0	900.0	900.0	900.0	900.0	4,430.0	114
* Intersection Mobility Enhancements (YC19)	8.7	-	-	-	-	8.7	114
ITS/Signal System Upgrades (TB56)	781.3	-	-	-	-	781.3	114
* Neighborhood Traffic Management Program (YD21)	94.1	-	-	-	-	94.1	115
* Neighborhood Traffic Management Program (YE21)	180.0	250.0	250.0	250.0	250.0	1,180.0	115
Thomas Road Corridor ITS Improvements (TC07)	92.1	-	-	-	-	92.1	115
* Traffic Signal Construction (YC23)	29.8	-	-	-	-	29.8	116
* Traffic Signal Construction (YD23)	28.2	-	-	-	-	28.2	116
* Traffic Signal Construction (YE23)	230.0	300.0	300.0	300.0	300.0	1,430.0	116
<b>Transit/Transit Improvements</b>							
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (TB58)	1,504.3	-	-	-	-	1,504.3	117
* Bikeways Program (YD28)	152.2	-	-	-	-	152.2	118
* Bikeways Program (YE28)	430.0	500.0	500.0	500.0	500.0	2,430.0	117
* Bus Stop Improvements (YB82)	19.1	-	-	-	-	19.1	118
Crosscut Canal Bridge and Path (TB63)	893.6	-	-	-	-	893.6	119
Downtown Main Street Streetscape & Pedestrian Improvements (DE03)	2,289.7	-	-	-	-	2,289.7	119
Downtown Sidewalk Improvements (TD01)	3,694.2	-	-	-	-	3,694.2	120
Mustang Transit Passenger Facility (TB50)	5,503.4	-	-	-	-	5,503.4	120
Shea Underpass Access at 124th Street (TB66)	1,316.6	-	-	-	-	1,316.6	121
* Sidewalk Improvements (YD20)	25.4	-	-	-	-	25.4	121
* Sidewalk Improvements (YE20)	276.5	350.0	350.0	350.0	350.0	1,676.5	122
Skysong Center Transit Passenger Facility and Sidewalk Improvements (TB51)	1,929.7	-	-	-	-	1,929.7	122
* Trail Improvement Program (YB71)	35.8	-	-	-	-	35.8	123
* Trail Improvement Program (YD18)	347.6	-	-	-	-	347.6	123
* Trail Improvement Program (YE18)	250.0	250.0	250.0	250.0	250.0	1,250.0	122
Transit Bus Purchases (TB67)	5,711.0	-	-	-	-	5,711.0	123
Transit Route 72 Improvements (TC08)	334.8	-	-	-	-	334.8	124
Transit Stop Improvements (TC03)	163.8	100.0	100.0	100.0	-	463.8	124
WestWorld Trail Connections (TC02)	4,805.3	-	-	-	-	4,805.3	125

\*Recurring Capital Maintenance Projects.



**Airport Future Grants Contingency - (ZB53)**

**Est. Completion:** N/A

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Provides budgetary appropriation set aside for unforeseen aviation grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	3,350.1	-	3,350.1	-	-	-	-	3,350.1
<b>Total:</b>	<b>3,350.1</b>	<b>-</b>	<b>3,350.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,350.1</b>

**Airport Pavement Preservation Program - (AB52)**

**Est. Completion:** N/A

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Pavement preservation for various paved areas at the Scottsdale Airport.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	1,313.0	(691.7)	521.3	100.0	-	-	-	621.3
<b>Total:</b>	<b>1,313.0</b>	<b>(691.7)</b>	<b>521.3</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>621.3</b>

**Airport Terminal Area Redevelopment Project - (AB59)**

**Est. Completion:** 06/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Redevelop the Airport Terminal Building and Aviation Business Center to create a single and modern hangar, office facility and additional parking to accommodate existing and new tenants.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	400.0	(119.7)	280.3	-	-	-	-	280.3
MPC Bonds	27,604.7	(2,656.0)	24,948.7	-	-	-	-	24,948.7
<b>Total:</b>	<b>28,004.7</b>	<b>(2,775.7)</b>	<b>25,229.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,229.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Apron Reconstruction - Delta Apron - (AC02)**

**Est. Completion:** 12/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Design and reconstruct the "Delta" aircraft parking apron that is necessary to meet Federal Aviation Administration (FAA) standards for the design aircraft. The existing pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	1,222.2	-	1,222.2	-	-	-	-	1,222.2
Grants	2,577.8	-	2,577.8	-	-	-	-	2,577.8
<b>Total:</b>	<b>3,800.0</b>	<b>-</b>	<b>3,800.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,800.0</b>

**Aviation Match Contingency - (ZB52)**

**Est. Completion:** N/A

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Provides budget appropriation set aside for the city's matching portion of unforeseen grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	250.0	-	250.0	-	-	-	-	250.0
<b>Total:</b>	<b>250.0</b>	<b>-</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250.0</b>

**Environmental Assessment for Land Acquisition - (TEMPAB57)**

**Est. Completion:** 06/21

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Conduct an environmental assessment as a prerequisite to land acquisition surrounding the airport. This land will be used to accommodate future aviation needs and increase airport capacity.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	8.9	-	-	-	8.9	-	-	8.9
Grants	191.0	-	-	-	191.0	-	-	191.0
<b>Total:</b>	<b>199.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>199.9</b>	<b>-</b>	<b>-</b>	<b>199.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Erosion Protection/Wildlife Mitigation - Runway Approach Area - (AC01)**

**Est. Completion:** 06/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Design and complete erosion protection and wildlife mitigation on the south end of the runway area.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	90.0	(74.8)	15.2	-	-	-	-	15.2
Grants	810.0	(642.1)	167.9	-	-	-	-	167.9
<b>Total:</b>	<b>900.0</b>	<b>(716.9)</b>	<b>183.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>183.1</b>

**Land Acquisition 4.0 Acres - (TEMP1882)**

**Est. Completion:** 06/23

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Land acquisition of approximately 4 acres of land for airport development on the north side of the property.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	424.7	-	-	-	-	-	424.7	424.7
Grants	9,075.4	-	-	-	-	-	9,075.4	9,075.4
<b>Total:</b>	<b>9,500.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,500.1</b>	<b>9,500.1</b>

**Reconstruct Taxiway "A" and Exits - (AB60)**

**Est. Completion:** 06/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Design and reconstruct pavement to Taxiway "Alpha" and exits, which is necessary to meet Federal Aviation Administration (FAA) standards for the design aircraft. The project also includes light-emitting diode (LED) lighting and signage. The pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	201.2	(19.8)	181.4	-	-	-	-	181.4
Grants	4,298.9	(378.8)	3,920.1	-	-	-	-	3,920.1
<b>Total:</b>	<b>4,500.1</b>	<b>(398.6)</b>	<b>4,101.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,101.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Reconstruct Transient Parking Apron - (AE02)**

**Est. Completion:** 12/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Reconstruct a portion of the transient apron (400' x 500') located adjacent to the new Airport Terminal Area Redevelopment project.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	102.8	-	102.8	-	-	-	-	102.8
Grants	2,197.2	-	2,197.2	-	-	-	-	2,197.2
<b>Total:</b>	<b>2,300.0</b>	<b>-</b>	<b>2,300.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,300.0</b>

**Rehabilitate Runway 03/21 - (AB61)**

**Est. Completion:** 12/19

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Rehabilitate the airport's runway, which is necessary to meet Federal Aviation Administration (FAA) standards for the design aircraft. This project also includes improving the runway shoulders and blast pads, as well as light-emitting diode (LED) lights and signage.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	326.3	-	58.3	268.0	-	-	-	326.3
Grants	6,973.7	-	541.7	6,432.0	-	-	-	6,973.7
<b>Total:</b>	<b>7,300.0</b>	<b>-</b>	<b>600.0</b>	<b>6,700.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,300.0</b>

**Rehabilitate Taxiway "C" - (TEMP975)**

**Est. Completion:** 12/21

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Design and reconstruct Taxiway "Charlie", which is necessary to meet the Federal Aviation Administration (FAA) standards for the design aircraft. This pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	7.8	-	-	-	1.2	6.6	-	7.8
Grants	167.2	-	-	-	25.1	142.1	-	167.2
<b>Total:</b>	<b>175.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26.3</b>	<b>148.7</b>	<b>-</b>	<b>175.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Relocate Electrical Vault and Beacon - (AD01)**

**Est. Completion:** 06/18

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Relocate electrical vault and rotating beacon from current location to alternate location due to Airport Terminal Area Redevelopment Project.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	43.7	(39.6)	4.1	-	-	-	-	4.1
Grants	806.2	(670.6)	135.6	-	-	-	-	135.6
<b>Total:</b>	<b>849.9</b>	<b>(710.2)</b>	<b>139.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>139.7</b>

**Runway Guard Lights - (AE01)**

**Est. Completion:** 12/19

**Location:** Scottsdale Airport

**Project Type:** Construction Related

**Description:** Install guard lights at the runway hold position markings at entrances to the runway at Taxiways A3, A4, A5, A7, A10, A13, and A15 on the west side of the runway. Additionally, the guard lights will be placed at the extensions of Taxiways B10/C10 and B12 as an added safety measure on the east side of the runway.

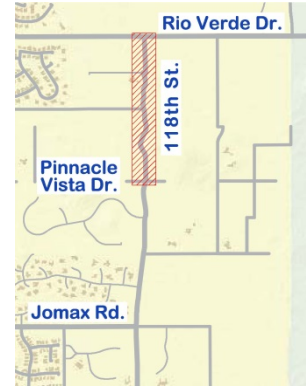
Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Aviation Funds	165.4	-	89.4	76.0	-	-	-	165.4
Grants	1,834.6	-	210.6	1,624.0	-	-	-	1,834.6
<b>Total:</b>	<b>2,000.0</b>	<b>-</b>	<b>300.0</b>	<b>1,700.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,000.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**118th Street: Ranch Gate to Dynamite Boulevard - (TD02)**

**Est. Completion:** 06/18  
**Location:** 118th Street  
**Project Type:** Construction Related

**Description:** Acquisition of several right-of-way parcels for the construction of 118th Street. Per Development Agreement 2017-071-COS, if the right-of-way acquisition is complete prior to June 13, 2020 the private developer is responsible for the construction of 118th Street.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	650.0	-	650.0	-	-	-	-	650.0
<b>Total:</b>	<b>650.0</b>	<b>-</b>	<b>650.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>650.0</b>

**124th & 128th Street - Street, Intersection and Multi-Use Path Improvements - (SB55) ①**

**Est. Completion:** 06/18  
**Location:** 124th Street and 128th Street north of Via Linda.  
**Project Type:** Construction Related

**Description:** Design and construct half-street improvements along 128th Street north of Cactus, a roundabout at 124th/Cactus, a multi-use path connection from 124th Street to 128th Street along the Cactus Road alignment. The construction will be in coordination and cooperation with the planned Lost Dog Wash and Ringtail Trailhead improvements, and improvements adjacent to Anasazi Elementary School. The city anticipates shared funding with the McDowell Sonoran Preserve and the Scottsdale Unified School District.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Contributions	350.0	(350.0)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	750.0	(504.0)	246.0	-	-	-	-	246.0
<b>Total:</b>	<b>1,100.0</b>	<b>(854.0)</b>	<b>246.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>246.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Frank Lloyd Wright–Scottsdale Rd to Shea - (SB50)**

**Est. Completion:** 12/18

**Location:** Frank Lloyd Wright Boulevard from Scottsdale Road to Shea Boulevard

**Project Type:** Construction Related

**Description:** Design and construct a series of localized transportation improvements which include turn bays, channelized medians, sidewalks and other associated improvements. The localized projects include 76th street, 78th street, 82nd street, 90th street, Sweetwater, Cactus, Via Linda, Shea Boulevard and other spot locations along the Frank Lloyd Wright corridor.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	397.7	(397.7)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	2,069.8	(1,847.4)	222.4	-	-	-	-	222.4
<b>Total:</b>	<b>2,467.5</b>	<b>(2,245.1)</b>	<b>222.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>222.4</b>

**McDowell Road Bicycle Lanes from Pima Road to 64th Street - (SD01)**

**Est. Completion:** 12/20

**Location:** McDowell Road from Pima Road to 64th Street

**Project Type:** Construction Related

**Description:** Design and construct bicycle lanes to provide continuous bicycle lane facilities along entire corridor. The motor vehicle travel lanes and median on McDowell Road will be narrowed, but the number of lanes will remain the same, at three per direction.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	3,595.6	(104.3)	3,491.3	-	-	-	-	3,491.3
Transportation 0.2% Sales Tax	242.4	(11.9)	230.5	-	-	-	-	230.5
<b>Total:</b>	<b>3,838.0</b>	<b>(116.2)</b>	<b>3,721.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,721.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Miller Road Underpass at the 101 Freeway - (SC03)**

**Est. Completion:** 06/20

**Location:** Miller Road at the 101 Freeway

**Project Type:** Construction Related

**Description:**

Analyze options for an underpass of Miller Road at the 101 Freeway to connect the south side of the freeway to the north. This street connection is identified on the Streets Plan in the Transportation Master Plan and is one of the regional Arterial Life Cycle Program projects.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	14,004.0	(216.0)	484.0	-	13,304.0	-	-	13,788.0
Transportation 0.2% Sales Tax	6,001.7	(92.6)	207.4	-	5,701.7	-	-	5,909.1
<b>Total:</b>	<b>20,005.7</b>	<b>(308.6)</b>	<b>691.4</b>	<b>-</b>	<b>19,005.7</b>	<b>-</b>	<b>-</b>	<b>19,697.1</b>

**Pavement Overlay Program - (YE29) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Ongoing street pavement overlays and all costs associated with improvements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	32,750.0	-	6,550.0	6,550.0	6,550.0	6,550.0	6,550.0	32,750.0
<b>Total:</b>	<b>32,750.0</b>	<b>-</b>	<b>6,550.0</b>	<b>6,550.0</b>	<b>6,550.0</b>	<b>6,550.0</b>	<b>6,550.0</b>	<b>32,750.0</b>

**Pavement Overlay Program - (YD29) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Ongoing street pavement overlays and all costs associated with improvements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	5,050.0	(4,234.8)	815.2	-	-	-	-	815.2
<b>Total:</b>	<b>5,050.0</b>	<b>(4,234.8)</b>	<b>815.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>815.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Pavement Replacement - (TC06)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Ongoing street pavement overlays and all costs associated with improvements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
2015 GO Bond - Q4 - Street Pavement Rehab	12,500.0	(4,369.3)	8,130.7	-	-	-	-	8,130.7
Transportation 0.2% Sales Tax	1,595.0	(1,324.4)	270.6	-	-	-	-	270.6
<b>Total:</b>	<b>14,095.0</b>	<b>(5,693.7)</b>	<b>8,401.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,401.3</b>

**Pima Road - Pinnacle Peak to Happy Valley - (SC01)**

**Est. Completion:** 06/20

**Location:** Pima Road - Pinnacle Peak Road to Happy Valley Road

**Project Type:** Construction Related

**Description:**

Design, acquire right-of-way and construct a six-lane major arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage and Intelligent Transportation Systems facilities.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	5,735.0	(165.7)	5,569.3	-	-	-	-	5,569.3
Transportation 0.2% Sales Tax	2,458.0	(71.0)	2,387.0	-	-	-	-	2,387.0
<b>Total:</b>	<b>8,193.0</b>	<b>(236.7)</b>	<b>7,956.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,956.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Pima Road: Via Linda to Via de Ventura - (SB57)**

**Est. Completion:** 06/18

**Location:** Pima Road/90th Street at Via Linda Road

**Project Type:** Construction Related

**Description:** Design and construct intersection improvements along Pima Road and 90th Street up to Via Linda.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	1,338.7	(68.2)	1,270.5	-	-	-	-	1,270.5
Transportation 0.2% Sales Tax	574.0	(41.5)	532.5	-	-	-	-	532.5
<b>Total:</b>	<b>1,912.7</b>	<b>(109.7)</b>	<b>1,803.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,803.0</b>

**Pima Road: Krail Street to Chaparral Road - (SC04)**

**Est. Completion:** 06/19

**Location:** Pima Road: Krail Street to Chaparral Road

**Project Type:** Construction Related

**Description:** Design and construct a four-lane minor arterial cross-section including medians, bike lanes and sidewalks. The City of Scottsdale will implement the design and construction of the project. The city is responsible for 12 percent of the project cost, the Salt River Pima-Maricopa Indian Community (SRPMIC) is responsible for 18 percent and the Maricopa Association of Governments (MAG) is responsible for 70 percent per the Intergovernmental Agreement (IGA).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	9,463.0	-	9,463.0	-	-	-	-	9,463.0
Salt River Pima Maricopa Indian Community IGA	2,300.3	-	2,300.3	-	-	-	-	2,300.3
Transportation 0.2% Sales Tax	1,755.2	(5.8)	1,749.4	-	-	-	-	1,749.4
<b>Total:</b>	<b>13,518.5</b>	<b>(5.8)</b>	<b>13,512.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,512.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Raintree Drive: Scottsdale Road to Hayden Road - (SB53) ①**

**Est. Completion:** 06/19

**Location:** Scottsdale Airpark

**Project Type:** Construction Related

**Description:** Design and reconstruct a portion of Redfield Road, 76th Place, Acoma Drive and 78th Way to create the extension of Raintree Drive west of Hayden Road. This is one of the segments of the overarching project to extend Raintree Drive from Scottsdale Road to Hayden Road.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Bond 2000	991.8	(625.4)	366.4	-	-	-	-	366.4
Regional Sales Tax - Arterial Life Cycle Program	15,974.1	(2,295.3)	13,678.8	-	-	-	-	13,678.8
Transportation 0.2% Sales Tax	5,854.3	(569.7)	5,284.6	-	-	-	-	5,284.6
<b>Total:</b>	<b>22,820.2</b>	<b>(3,490.4)</b>	<b>19,329.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,329.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Raintree Drive: Hayden Road to Loop 101 - (SC02)**

**Est. Completion:** 06/19  
**Location:** Scottsdale Airpark  
**Project Type:** Construction Related

**Description:** Improve the existing five-lane Raintree corridor between Hayden Road and Loop 101 Freeway by rebuilding intersections, modifying medians, and enhancing pedestrian, bicycle and transit facilities. This is one of the segments of the overarching project to extend Raintree Drive from Scottsdale Road to Loop 101.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	6,304.0	-	6,304.0	-	-	-	-	6,304.0
Transportation 0.2% Sales Tax	2,702.0	-	2,702.0	-	-	-	-	2,702.0
<b>Total:</b>	<b>9,006.0</b>	<b>-</b>	<b>9,006.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,006.0</b>

**Redfield Road: Raintree Drive to Hayden Road - (SB56)**

**Est. Completion:** 06/19  
**Location:** Scottsdale Airpark  
**Project Type:** Construction Related

**Description:** Widen the existing Thunderbird-Redfield corridor from four to five lanes between Scottsdale Road and 76th Place. Also connect to Raintree Drive, resulting in an extension of the Raintree corridor to Scottsdale Road. The completed corridor will be renamed Raintree Drive. Project may include improvements to the intersection of Scottsdale Road. Redfield Road will also be restriped and reconstructed, as necessary, from 76th Place to Hayden Road. Project will increase capacity, improve safety and provide enhanced pedestrian and bike facilities. This is one of the segments of the overarching project to extend Redfield Road from Raintree Drive to Hayden Road.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	1,500.0	-	1,500.0	-	-	-	-	1,500.0
Transportation 0.2% Sales Tax	642.9	-	642.9	-	-	-	-	642.9
<b>Total:</b>	<b>2,142.9</b>	<b>-</b>	<b>2,142.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,142.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Replace Drainage Grates - (SB58)**

**Est. Completion:** 06/21

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Replace modified and non-bicycle-friendly drainage grates with ones that meet standards for bicycle-safe drainage grates throughout the city.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	759.0	(255.9)	203.1	100.0	100.0	100.0	-	503.1
<b>Total:</b>	<b>759.0</b>	<b>(255.9)</b>	<b>203.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>503.1</b>

**Second Street Bike Path Connection - (SD02)**

**Est. Completion:** 01/18

**Location:** 2nd Street alignment from the Indian Bend Wash to the Civic Center Mall

**Project Type:** Construction Related

**Description:** Design and construct a bike path, bike path modifications and bike lanes to connect the Indian Bend Wash Path to the Civic Center.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	396.0	(72.9)	323.1	-	-	-	-	323.1
<b>Total:</b>	<b>396.0</b>	<b>(72.9)</b>	<b>323.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>323.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Southbound Loop 101 Frontage Road Connections - (SB54) ①**

**Est. Completion:** 06/19  
**Location:** Scottsdale Airpark  
**Project Type:** Construction Related

**Description:** Design and construct new east-west street corridors connecting Northsight Boulevard to the southbound Loop 101 Frontage Road south of the Central Arizona Project Canal and north of Raintree Drive. The new corridors will promote safe efficient travel through the existing commercial corridor in this area and help provide alternatives to the major interchanges of Frank Lloyd Wright/Loop 101 and Raintree Drive/Loop 101.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Regional Sales Tax - Arterial Life Cycle Program	3,052.0	(99.9)	2,952.1	-	-	-	-	2,952.1
Transportation 0.2% Sales Tax	1,308.1	(60.3)	1,247.8	-	-	-	-	1,247.8
<b>Total:</b>	<b>4,360.1</b>	<b>(160.2)</b>	<b>4,199.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,199.9</b>

**Streetlight Replacement - (YE30) ②**

**Est. Completion:** N/A  
**Location:** Citywide; primarily in residential neighborhoods south of the Arizona Canal  
**Project Type:** Construction Related  
**Description:** Replacement of a portion of the street light poles that reach the end of their useful life. The total inventory of city street light poles is 7,400.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	1,000.0	-	200.0	200.0	200.0	200.0	200.0	1,000.0
<b>Total:</b>	<b>1,000.0</b>	<b>-</b>	<b>200.0</b>	<b>200.0</b>	<b>200.0</b>	<b>200.0</b>	<b>200.0</b>	<b>1,000.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

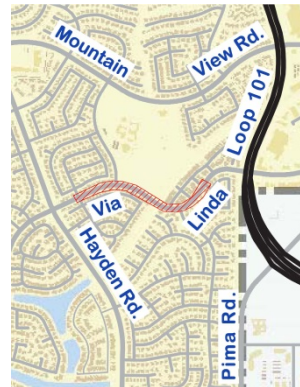
**Via Linda Traffic Circles - (SE01)**

**Est. Completion:** 06/18

**Location:** Via Linda Road between Hayden Road and Pima Road

**Project Type:** Construction Related

**Description:** Reconstruction of five existing traffic circles to a more current roundabout standard.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	500.0	-	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Advanced Traffic Signal Control Cabinets - Phase I - (TC04)**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Replace standard signal cabinets with advanced hybrid cabinets at arterial to arterial intersections.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	679.0	-	679.0	-	-	-	-	679.0
Transportation 0.2% Sales Tax	41.0	(33.7)	7.3	-	-	-	-	7.3
<b>Total:</b>	<b>720.0</b>	<b>(33.7)</b>	<b>686.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>686.3</b>

**Advanced Traffic Signal Control Cabinets - Phase II - (TEMP1191)**

**Est. Completion:** 06/21

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Replace standard signal cabinets with advanced hybrid cabinets at arterial to collector intersections.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	679.0	-	-	-	679.0	-	-	679.0
Transportation 0.2% Sales Tax	41.0	-	-	-	41.0	-	-	41.0
<b>Total:</b>	<b>720.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>720.0</b>	<b>-</b>	<b>-</b>	<b>720.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



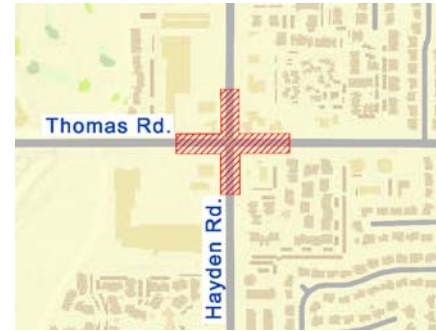
**Hayden/Thomas Safety Improvements - (TB57)**

**Est. Completion:** 06/18

**Location:** Hayden Road and Thomas Road Intersection

**Project Type:** Construction Related

**Description:** Design and construct intersection and access improvements to enhance safety and traffic operations. Pedestrian, bike, transit and vehicle improvements are included.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Bond 2000	460.9	(460.9)	-	-	-	-	-	-
Grants	1,706.5	(104.7)	1,601.8	-	-	-	-	1,601.8
Transportation 0.2% Sales Tax	540.3	(107.6)	432.7	-	-	-	-	432.7
<b>Total:</b>	<b>2,707.7</b>	<b>(673.2)</b>	<b>2,034.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,034.5</b>

**Intersection Improvements - (YD19) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide roadway capacity and safety improvements at various locations within the city; projects range from adding an exclusive right-turn lane, a pedestrian refuge island and modifying medians and driveways.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	800.0	(565.6)	234.4	-	-	-	-	234.4
<b>Total:</b>	<b>800.0</b>	<b>(565.6)</b>	<b>234.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>234.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Intersection Improvements - (YE19) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide roadway capacity and safety improvements at various locations within the city; projects range from adding an exclusive right-turn lane, a pedestrian refuge island and modifying medians and driveways.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	4,430.0	-	830.0	900.0	900.0	900.0	900.0	4,430.0
<b>Total:</b>	<b>4,430.0</b>	<b>-</b>	<b>830.0</b>	<b>900.0</b>	<b>900.0</b>	<b>900.0</b>	<b>900.0</b>	<b>4,430.0</b>

**Intersection Mobility Enhancements - (YC19) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide roadway capacity and safety improvements at various locations within the city; projects range from adding an exclusive right-turn lane, a pedestrian refuge island and modifying medians and driveways.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	100.0	(91.3)	8.7	-	-	-	-	8.7
<b>Total:</b>	<b>100.0</b>	<b>(91.3)</b>	<b>8.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.7</b>

**ITS/Signal System Upgrades - (TB56) ①**

**Est. Completion:** 06/18

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Completion of the fiber network video detection and adaptive signal control system. Installation of new traffic signal controllers and firmware to replace aged units at major city roadway intersections, and add vehicle detection camera systems.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	4,864.9	(4,083.6)	781.3	-	-	-	-	781.3
<b>Total:</b>	<b>4,864.9</b>	<b>(4,083.6)</b>	<b>781.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>781.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Neighborhood Traffic Management Program - (YE21) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	1,180.0	-	180.0	250.0	250.0	250.0	250.0	1,180.0
<b>Total:</b>	<b>1,180.0</b>	<b>-</b>	<b>180.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,180.0</b>

**Neighborhood Traffic Management Program - (YD21) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	250.0	(155.9)	94.1	-	-	-	-	94.1
<b>Total:</b>	<b>250.0</b>	<b>(155.9)</b>	<b>94.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>94.1</b>

**Thomas Road Corridor ITS Improvements - (TC07)**

**Est. Completion:** 06/18

**Location:** 17 intersections within the Thomas Road corridor

**Project Type:** Construction Related

**Description:** Install new Intelligent Transportation System (ITS) equipment at 17 intersections within the Thomas Road corridor. The equipment will be placed on existing signal pole mast arms and inside existing signal controller cabinets. The improvements will enhance public safety, reduce congestion, decrease travel times and reduce detrimental environment impacts.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	368.7	(357.2)	11.5	-	-	-	-	11.5
Transportation 0.2% Sales Tax	115.0	(34.4)	80.6	-	-	-	-	80.6
<b>Total:</b>	<b>483.7</b>	<b>(391.6)</b>	<b>92.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>92.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Traffic Signal Construction - (YC23) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct new traffic signals or intersection control. This includes the purchase of new traffic signal equipment, and installing new equipment at existing traffic signal locations.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
In-Lieu Fees Transportation	12.0	(12.0)	-	-	-	-	-	-
Transportation 0.2% Sales Tax	250.0	(220.2)	29.8	-	-	-	-	29.8
<b>Total:</b>	<b>262.0</b>	<b>(232.2)</b>	<b>29.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29.8</b>

**Traffic Signal Construction - (YD23) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct new traffic signals or intersection control. This includes the purchase of new traffic signal equipment, and installing new equipment at existing traffic signal locations.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	50.0	(21.8)	28.2	-	-	-	-	28.2
<b>Total:</b>	<b>50.0</b>	<b>(21.8)</b>	<b>28.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>28.2</b>

**Traffic Signal Construction - (YE23) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct new traffic signals or intersection control. This includes the purchase of new traffic signal equipment, and installing new equipment at existing traffic signal locations.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	1,430.0	-	230.0	300.0	300.0	300.0	300.0	1,430.0
<b>Total:</b>	<b>1,430.0</b>	<b>-</b>	<b>230.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>1,430.0</b>

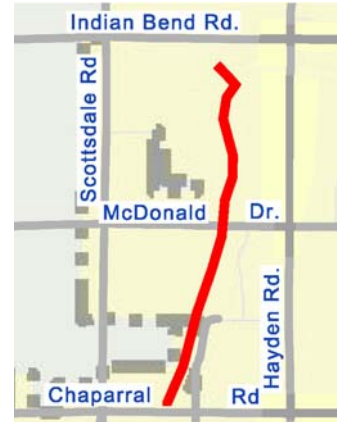
① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash - (TB58)**

**Est. Completion:** 06/18  
**Location:** Arizona Canal from Chaparral Road to McDonald Road  
**Project Type:** Construction Related

**Description:** Design and construct a multiuse path along the Arizona Canal from Chaparral Road to the Indian Bend Wash path south of Indian Bend Road. Included are landscaping, site furnishings, connections to adjacent neighborhoods and pedestrian bridges.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	2,800.0	(2,409.1)	390.9	-	-	-	-	390.9
Transportation 0.2% Sales Tax	1,311.7	(198.3)	1,113.4	-	-	-	-	1,113.4
<b>Total:</b>	<b>4,111.7</b>	<b>(2,607.4)</b>	<b>1,504.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,504.3</b>

**Bikeways Program - (YE28) ②**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Improve multi-use paths and on street bicycle facilities to include path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	2,430.0	-	430.0	500.0	500.0	500.0	500.0	2,430.0
<b>Total:</b>	<b>2,430.0</b>	<b>-</b>	<b>430.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>2,430.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Bikeways Program - (YD28) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Improve multi use paths and on street bicycle facilities to include path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	350.0	(197.8)	152.2	-	-	-	-	152.2
<b>Total:</b>	<b>350.0</b>	<b>(197.8)</b>	<b>152.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>152.2</b>

**Bus Stop Improvements - (YB82) ①②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Also install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Contributions	319.9	(313.5)	6.4	-	-	-	-	6.4
Transportation 0.2% Sales Tax	150.0	(137.3)	12.7	-	-	-	-	12.7
<b>Total:</b>	<b>469.9</b>	<b>(450.8)</b>	<b>19.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Crosscut Canal Bridge and Path - (TB63)**

**Est. Completion:** 06/18  
**Location:** Crosscut Canal Path south of McDowell Road at approximately 66th Street  
**Project Type:** Construction Related

**Description:** Design and construct a non-motorized bridge over the Crosscut Canal, a ramp and a path. Also connect existing pathways between Tempe and Scottsdale to provide safety for bicycles and pedestrian to access the new transit center south of the Scottsdale Road and McDowell Road intersection.



Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	445.4	-	445.4	-	-	-	-	445.4
Transportation 0.2% Sales Tax	706.3	(258.1)	448.2	-	-	-	-	448.2
<b>Total:</b>	<b>1,151.7</b>	<b>(258.1)</b>	<b>893.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>893.6</b>

**Downtown Main Street Streetscape & Pedestrian Improvements - (DE03)**

**Est. Completion:** 06/20  
**Location:** Downtown Scottsdale  
**Project Type:** Construction Related  
**Description:** Design and construct the narrowing of two traffic lanes, widening sidewalks, addition of bike lanes, improvement of street landscaping elements and replacement and improvement of street and pedestrian lighting. Main Street has long been envisioned as a major east/west pedestrian corridor traversing downtown from 69th Street to the Civic Center Mall at Brown Avenue. The focus of this project is on the west side of Main Street from Scottsdale Road to 69th Street.

Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
General Fund	2,289.7	-	2,289.7	-	-	-	-	2,289.7
<b>Total:</b>	<b>2,289.7</b>	<b>-</b>	<b>2,289.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,289.7</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Downtown Sidewalk Improvements - (TD01)**

**Est. Completion:** 06/19

**Location:** Downtown Scottsdale generally between Chaparral Road and Earll Drive and 68th Street and Miller Roads

**Project Type:** Construction Related

**Description:** Design and construct pedestrian improvements including continuous sidewalk corridors, widen narrow sidewalks, add accessible ramps where needed, modify sidewalk to conform to Americans with Disabilities Act (ADA) requirements and install pedestrian related amenities such as lighting along these areas as appropriate.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	3,960.0	(265.8)	3,694.2	-	-	-	-	3,694.2
<b>Total:</b>	<b>3,960.0</b>	<b>(265.8)</b>	<b>3,694.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,694.2</b>

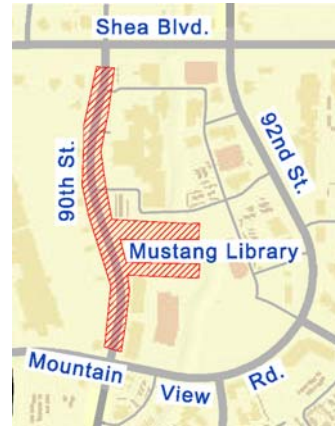
**Mustang Transit Passenger Facility - (TB50)**

**Est. Completion:** 06/18

**Location:** Mustang Library at 90th Street and Shea Boulevard

**Project Type:** Construction Related

**Description:** Design and construct a transit facility along 90th Street (intersection with Mustang Library) south of Shea Boulevard. The project includes a two-lane roundabout, traffic control, bus shelters, landscaping and utility relocations.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Bond 2000	2,211.5	(973.8)	1,237.7	-	-	-	-	1,237.7
Grants	5,260.2	(1,707.0)	3,553.2	-	-	-	-	3,553.2
Transportation 0.2% Sales Tax	922.2	(209.7)	712.5	-	-	-	-	712.5
<b>Total:</b>	<b>8,393.9</b>	<b>(2,890.5)</b>	<b>5,503.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,503.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Shea Underpass Access at 124th Street - (TB66) ①**

**Est. Completion:** 06/18  
**Location:** Shea Boulevard east of 124th Street  
**Project Type:** Construction Related

**Description:** Design and construct concrete shared use path and unpaved trail between Sahuaro Drive and Via Linda including access to existing tunnel under Shea Boulevard.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	1,253.0	(645.7)	607.3	-	-	-	-	607.3
In Lieu Fees	20.7	(20.7)	-	-	-	-	-	-
In-Lieu Fees Transportation	42.3	(42.3)	-	-	-	-	-	-
Regional Sales Tax - Arterial Life Cycle Program	677.2	-	677.2	-	-	-	-	677.2
Transportation 0.2% Sales Tax	764.2	(732.1)	32.1	-	-	-	-	32.1
<b>Total:</b>	<b>2,757.4</b>	<b>(1,440.8)</b>	<b>1,316.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,316.6</b>

**Sidewalk Improvements - (YD20) ②**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Install sidewalks, sidewalk ramps and facilities to enhance the city's pedestrian network.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	200.0	(174.6)	25.4	-	-	-	-	25.4
<b>Total:</b>	<b>200.0</b>	<b>(174.6)</b>	<b>25.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.4</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Sidewalk Improvements - (YE20) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Install sidewalks, sidewalk ramps and facilities to enhance the city's pedestrian network.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	1,676.5	-	276.5	350.0	350.0	350.0	350.0	1,676.5
<b>Total:</b>	<b>1,676.5</b>	<b>-</b>	<b>276.5</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>1,676.5</b>

**Skysong Center Transit Passenger Facility and Sidewalk Improvements - (TB51)**

**Est. Completion:** 06/19

**Location:** Transit Center at Scottsdale Road and McDowell Road

**Project Type:** Construction Related

**Description:** Design and construct transit passenger facilities at the Arizona State University (ASU) Skysong Technology Center located at Scottsdale Road and McDowell Road with bus shelters landscaping, lighting and passenger amenities. Sidewalk improvements will be included on the north side of McDowell Road, from Scottsdale Road to Miller Road.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	3,807.0	(1,981.0)	1,826.0	-	-	-	-	1,826.0
Transportation 0.2% Sales Tax	951.8	(848.1)	103.7	-	-	-	-	103.7
<b>Total:</b>	<b>4,758.8</b>	<b>(2,829.1)</b>	<b>1,929.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,929.7</b>

**Trail Improvement Program - (YE18) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct unpaved trails citywide.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	1,250.0	-	250.0	250.0	250.0	250.0	250.0	1,250.0
<b>Total:</b>	<b>1,250.0</b>	<b>-</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,250.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Trail Improvement Program - (YB71) ①②**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Design and construct unpaved trails citywide.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	130.8	(95.0)	35.8	-	-	-	-	35.8
<b>Total:</b>	<b>130.8</b>	<b>(95.0)</b>	<b>35.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35.8</b>

**Trail Improvement Program - (YD18) ②**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Design and construct unpaved trails citywide.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	350.0	(2.4)	347.6	-	-	-	-	347.6
<b>Total:</b>	<b>350.0</b>	<b>(2.4)</b>	<b>347.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>347.6</b>

**Transit Bus Purchases - (TB67)**

**Est. Completion:** 06/19  
**Location:** South of Indian Bend Road on three Transit Routes  
**Project Type:** Construction Related  
**Description:** Purchase four replacement transit buses.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
CIP Regional Sales Tax - Transit	483.7	-	483.7	-	-	-	-	483.7
Grants	5,227.3	-	5,227.3	-	-	-	-	5,227.3
<b>Total:</b>	<b>5,711.0</b>	<b>-</b>	<b>5,711.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,711.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Transit Route 72 Improvements - (TC08)**

**Est. Completion:** 06/18

**Location:** Along Scottsdale Road Transit Route 72

**Project Type:** Construction Related

**Description:** Design and construct bus stop improvements along Scottsdale Road Transit Route 72.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
CIP Regional Sales Tax - Transit	55.1	-	55.1	-	-	-	-	55.1
Grants	220.4	-	220.4	-	-	-	-	220.4
Transportation 0.2% Sales Tax	60.0	(0.7)	59.3	-	-	-	-	59.3
<b>Total:</b>	<b>335.5</b>	<b>(0.7)</b>	<b>334.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>334.8</b>

**Transit Stop Improvements - (TC03)**

**Est. Completion:** 06/21

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct transit shelters to provide weather protection, seating, bike racks, and other amenities at transit stops located throughout the community. Additionally, construct bus pullouts to allow buses to pick up and discharge passengers outside of the traffic flow.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Transportation 0.2% Sales Tax	799.0	(335.2)	163.8	100.0	100.0	100.0	-	463.8
<b>Total:</b>	<b>799.0</b>	<b>(335.2)</b>	<b>163.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>463.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**WestWorld Trail Connections - (TC02)**

**Est. Completion:** 06/19

**Location:** Areas adjacent to Westworld, Grayhawk, DC Ranch and McDowell Mountain Ranch communities

**Project Type:** Construction Related

**Description:** Design and construct 4.7 miles of non-motorized connectivity from WestWorld to adjoining neighborhoods and the McDowell Sonoran Preserve.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures Cost (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Grants	4,223.6	-	4,223.6	-	-	-	-	4,223.6
Transportation 0.2% Sales Tax	888.0	(306.3)	581.7	-	-	-	-	581.7
<b>Total:</b>	<b>5,111.6</b>	<b>(306.3)</b>	<b>4,805.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,805.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



FY 2017/18 Adopted Budget



# Project Descriptions

(In thousands of dollars)

## Water Management

Water Management focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safe, reliable water and providing water reclamation services. This program also reflects the city's commitment to federal and state regulations. Approximately 47.2 percent (\$246.6 million) of the CIP has been identified to address the water and water reclamation needs of the city.

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Water Management</b>							
<b>Wastewater Improvements</b>							
Advance Water Treatment Plant Membranes - Wastewater (VB69)	3.2	401.2	812.6	544.8	1,213.8	2,975.6	129
Campus/Central Arizona Project Drainage & Paving Improvements (Wastewater) (VB68)	1,804.5	-	-	-	-	1,804.5	129
Cross Roads East Wastewater (VB51)	3,930.0	-	-	-	-	3,930.0	130
Downtown Stormwater Pump Station Rehabilitation (VD02)	1,191.5	-	-	-	-	1,191.5	130
Gainey Ranch WWTP Reuse Recharge (VC03)	293.7	-	-	-	-	293.7	131
Hydrogen Sulfide Mitigation (VB63)	103.0	-	-	-	-	103.0	131
Master Plan Water Reclamation (VB70)	438.5	350.0	-	-	-	788.5	132
Radio Telemetry Monitoring Automation Citywide - Wastewater (VB58)	963.0	350.0	275.0	450.0	70.0	2,108.0	132
Reclamation Regulatory Compliance (VB59)	250.0	-	-	-	-	250.0	132
RWDS Improvements (VB52)	4,058.6	1,500.0	1,500.0	1,500.0	1,500.0	10,058.6	133
Sanitary Sewer Lateral Rehabilitation (VB67)	89.1	50.0	50.0	50.0	50.0	289.1	133
SROG Operations & Solids Improvements (VB57)	1,380.8	-	-	-	-	1,380.8	133
SROG Sewage Transmission Line (VB50)	20,040.5	-	-	-	-	20,040.5	134
SROG SRO / SAI Interceptor Odor Control (VB60)	8,506.2	-	-	-	-	8,506.2	134
* SROG Wastewater Treatment Plant (YC24)	532.3	-	-	-	-	532.3	134
* SROG Wastewater Treatment Plant (YD24)	1,998.3	-	-	-	-	1,998.3	135
SROG Wastewater Treatment Plant Improvements (VE02)	3,900.0	1,750.0	1,000.0	900.0	950.0	8,500.0	135
SROG Water Reclamation Capacity Management (VB55)	442.2	-	-	-	-	442.2	135
Technology Master Plan Identified Wastewater Projects (VE01)	1,000.0	1,000.0	-	-	-	2,000.0	136
Wastewater Collection System Improvements (VB62)	15,488.6	4,393.5	2,750.0	2,225.0	5,500.0	30,357.1	136
Wastewater Fund Contingency (ZE01)	1,000.0	-	-	-	-	1,000.0	136
Wastewater Impact Fees (VC01)	197.5	-	-	-	-	197.5	137
Wastewater Oversizing (VB53)	238.3	50.0	-	100.0	-	388.3	137
Wastewater Technology Master Plan (VB66)	36.3	100.0	-	-	-	136.3	137
Wastewater Treatment Facility Improvements (VD01)	5,002.2	1,930.0	1,250.0	1,550.0	3,750.0	13,482.2	138
Water Reclamation Participation Program (VB56)	1,013.5	750.0	500.0	-	-	2,263.5	138
Water Reclamation Security Enhancements (VB54)	492.3	400.0	350.0	325.0	300.0	1,867.3	138
<b>Water Improvements</b>							
Advance Water Treatment Plant Menbranes Project (TEMP1888)	-	70.8	143.4	96.2	214.2	524.6	139
Air Park Zone 4 Water Transmission Main (WD02)	1,699.9	-	-	-	-	1,699.9	139
Booster Pump Station 42B Infrastructure Improvements (WB67)	495.6	-	-	-	-	495.6	139
Booster Station 57 Replacement (WE01)	2,830.0	-	-	-	-	2,830.0	140
Booster Station Upgrades (WB76)	4,717.5	2,930.0	1,945.0	1,596.6	1,277.0	12,466.1	140
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB73)	442.2	-	-	-	-	442.2	140
Chaparral Water Treatment Plant Intake Screens (WB62)	932.6	-	-	-	-	932.6	141
Chaparral Water Treatment Plant Pretreatment (WB56)	2,220.6	15,000.0	-	-	-	17,220.6	141
Cross Roads East Water (WB50)	4,604.9	-	-	-	-	4,604.9	141
Deep Well Recharge/Recovery Facilities (WB61)	4,163.7	-	-	-	375.0	4,538.7	142

\*Recurring Capital Maintenance Projects.



# Project Descriptions

(In thousands of dollars)

Project	FY2017/18 Adopted	FY2018/19 Forecast	FY2019/20 Forecast	FY2020/21 Forecast	FY2021/22 Forecast	Total	Page #
<b>Water Management</b>							
<b>Water Improvements</b>							
East Dynamite Area Transmission Main (WD01)	4,799.8	-	-	-	-	4,799.8	142
Frank Lloyd Wright 24-inch Transmission Main & Booster Station 83B Modifications (WC03)	10,785.3	-	-	-	-	10,785.3	143
Hayden & Thunderbird Roads Waterline Replacement (WC06)	1,221.8	-	-	-	-	1,221.8	143
HVID - Harquahala Valley Irrigation District - Scottsdale Share (WC04)	1,150.0	-	-	-	-	1,150.0	144
Irrigation Water Distribution System Improvements (WB57)	3,475.9	-	-	-	-	3,475.9	144
IWDS / Harquahala Valley Irrigation District Property - Desert Mountain Golf Club (WB69)	15,454.1	-	-	-	-	15,454.1	144
IWDS / Harquahala Valley Irrigation District Property - Scottsdale National Golf Club (WB80)	4,194.2	-	-	-	-	4,194.2	145
Master Plan - Water (WB78)	711.3	520.0	-	-	-	1,231.3	145
Radio Telemetry Monitoring Automation Citywide - Water (WB60)	916.8	290.0	215.0	220.4	447.0	2,089.2	145
Regional Recharge Basins (WB74)	3,901.4	2,600.0	-	-	-	6,501.4	146
Site 71 Well Site and Water Booster Station (WB63)	447.6	-	-	-	-	447.6	146
Technology Master Plan Identified Water Projects (WE02)	2,000.0	2,000.0	-	-	-	4,000.0	147
Thomas Groundwater Treatment Facility (WC07)	24,149.0	-	-	-	-	24,149.0	147
Water and Sewer System Optimization (WB55)	512.0	-	-	-	-	512.0	147
Water Campus Vadose Well Rehabilitation (WB79)	625.3	50.0	50.0	285.0	1,750.0	2,760.3	148
Water Distribution System Improvements (WB77)	11,913.1	7,250.0	8,600.0	6,750.0	6,340.0	40,853.1	148
Water Fund Contingency (ZE02)	2,000.0	-	-	-	-	2,000.0	148
Water Impact Fees (WC01)	198.2	-	-	-	-	198.2	149
Water Meter Replacement Program (WB66)	2,724.0	2,230.0	2,230.0	2,230.0	2,230.0	11,644.0	149
Water Oversizing (WB53)	355.6	-	-	-	-	355.6	149
Water Participation Program (WB54)	1,172.4	-	-	-	-	1,172.4	150
Water Resources Impact Fees (WC02)	200.9	-	-	-	-	200.9	150
Water System Security Enhancement Projects (WE03)	410.0	280.0	400.0	450.0	375.0	1,915.0	150
* Water System Security Enhancements (YD26)	25.3	-	-	-	-	25.3	151
Water Technology Master Plan (WB72)	66.1	150.0	-	-	300.0	516.1	151
Water Treatment Facility Improvements (WD04)	8,435.5	3,100.0	2,950.0	2,425.0	3,250.0	20,160.5	151
Water Treatment Plant Membranes (WB71)	1,687.3	1,127.5	379.5	379.5	475.0	4,048.8	152
Well Sites (WB75)	975.9	-	-	-	-	975.9	152
Well Sites Rehabilitation (WB51)	1,685.4	-	250.0	250.0	223.6	2,409.0	152
WestWorld Improvements (WB58)	594.3	-	-	750.0	-	1,344.3	153
Zone 14/16 Water Improvements Phase 2 (WB70)	14,106.8	-	-	-	-	14,106.8	153
Zone 2 Water System Improvements (WC05)	8,480.5	-	-	-	-	8,480.5	153
Zone 3W Water System Improvements (WD03)	4,775.0	-	-	-	-	4,775.0	154

\*Recurring Capital Maintenance Projects.

## Advance Water Treatment Plant Membranes - Wastewater - (VB69)

**Est. Completion:** N/A

**Location:** Scottsdale Water Campus

**Project Type:** Construction Related

**Description:** Replace water treatment membranes at the Advanced Water Treatment (AWT) Plant at the Water Campus.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	3,373.6	(398.0)	3.2	401.2	812.6	544.8	1,213.8	2,975.6
<b>Total:</b>	<b>3,373.6</b>	<b>(398.0)</b>	<b>3.2</b>	<b>401.2</b>	<b>812.6</b>	<b>544.8</b>	<b>1,213.8</b>	<b>2,975.6</b>

## Campus/Central Arizona Project Drainage & Paving Improvements (Wastewater) - (VB68) ①

**Est. Completion:** 06/20

**Location:** Pima Road and Hualapai Drive

**Project Type:** Construction Related

**Description:**

Design and construct engineered drainage features throughout the water campus property to collect and direct on-site stormwater to identified discharge points. Uncontrolled runoff currently contributes to nuisance flooding and risk to infrastructure during heavy rain. On-site paving improvements have been identified to improve staff mobility throughout the site which contributes to improved safety, security and operational reliability.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	2,400.0	(595.5)	1,804.5	-	-	-	-	1,804.5
<b>Total:</b>	<b>2,400.0</b>	<b>(595.5)</b>	<b>1,804.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,804.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Cross Roads East Wastewater - (VB51)**

**Est. Completion:** 06/20

**Location:** 74th Street to Hayden Road, North of the 101 Loop

**Project Type:** Construction Related

**Description:** Construct sewer lines within the area consistent with a development agreement. Advanced construction of streets within the Core North/Core South area by the city will require concurrent installation of sewer lines to provide service for future adjacent development.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Development Fees	4,112.9	(282.9)	3,830.0	-	-	-	-	3,830.0
Sewer Rates	100.0	-	100.0	-	-	-	-	100.0
<b>Total:</b>	<b>4,212.9</b>	<b>(282.9)</b>	<b>3,930.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,930.0</b>

**Downtown Stormwater Pump Station Rehabilitation - (VD02)**

**Est. Completion:** 06/21

**Location:** Stormwater pump station located at the Civic Center Library

**Project Type:** Construction Related

**Description:** Replace the stormwater pumping equipment located at the downtown Civic Center Library. The pump station features the original equipment which has exceeded its useful service life.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,278.8	(87.3)	1,191.5	-	-	-	-	1,191.5
<b>Total:</b>	<b>1,278.8</b>	<b>(87.3)</b>	<b>1,191.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,191.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Gainey Ranch WWTP Reuse Recharge - (VC03)**

**Est. Completion:** 06/20  
**Location:** Mountain View Road and Scottsdale Road  
**Project Type:** Construction Related

**Description:** Develop treatment plant modifications to better match end use needs by optimizing reuse production.



Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	401.6	(107.9)	293.7	-	-	-	-	293.7
<b>Total:</b>	<b>401.6</b>	<b>(107.9)</b>	<b>293.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>293.7</b>

**Hydrogen Sulfide Mitigation - (VB63)**

**Est. Completion:** 06/18  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Design and construct new odor control facilities at both the Sewer Pumpback System and Water Campus Headworks facility. The current odor control systems are approaching the end of their useful service life, thereby requiring extensive maintenance.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	4,800.0	(4,767.8)	32.2	-	-	-	-	32.2
Sewer Rates	211.7	(140.9)	70.8	-	-	-	-	70.8
<b>Total:</b>	<b>5,011.7</b>	<b>(4,908.7)</b>	<b>103.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>103.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Master Plan Water Reclamation - (VB70)**

**Est. Completion:** 06/20

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Update master plan for wastewater system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing sewer systems, lift stations, and treatment facilities, as well as updating operating manuals and standard operating procedures. Provides for facility planning, land use planning, and project cost estimating. Facilitates updates to the Water Reclamation Infrastructure Improvement Plan (IIP) needed define water development fees associated with growth.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,295.5	(507.0)	438.5	350.0	-	-	-	788.5
<b>Total:</b>	<b>1,295.5</b>	<b>(507.0)</b>	<b>438.5</b>	<b>350.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>788.5</b>

**Radio Telemetry Monitoring Automation Citywide - Wastewater - (VB58) ①**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct radio telemetry facilities at new and existing wastewater facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	3,850.5	(1,742.5)	963.0	350.0	275.0	450.0	70.0	2,108.0
<b>Total:</b>	<b>3,850.5</b>	<b>(1,742.5)</b>	<b>963.0</b>	<b>350.0</b>	<b>275.0</b>	<b>450.0</b>	<b>70.0</b>	<b>2,108.0</b>

**Reclamation Regulatory Compliance - (VB59)**

**Est. Completion:** 06/20

**Location:** Scottsdale Water Campus

**Project Type:** Technology Related

**Description:** Install a regulatory compliance software program that will automate and streamline the city's aquifer protection and underground storage facility permits requirements. The program will import external laboratory results from the city's laboratory information system and track individual contaminant results and automatically provide alerts. The program will provide report writing functions that meet the current Arizona Department of Environmental Quality (ADEQ) self-monitoring requirements. This program will also be operated to track and manage the division's air quality permits.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	250.0	-	250.0	-	-	-	-	250.0
<b>Total:</b>	<b>250.0</b>	<b>-</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**RWDS Improvements - (VB52)**

**Est. Completion:** N/A

**Location:** North of Central Arizona Project Canal

**Project Type:** Construction Related

**Description:** Improve the Reclaimed Water Distribution System (RWDS) pipeline pump stations and reservoirs. This project will be fully funded by the golf courses receiving reclaimed effluent from the Water Campus through the RWDS.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Reclaimed Water Distribution System Fund	21,825.0	(11,766.4)	4,058.6	1,500.0	1,500.0	1,500.0	1,500.0	10,058.6
<b>Total:</b>	<b>21,825.0</b>	<b>(11,766.4)</b>	<b>4,058.6</b>	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	<b>10,058.6</b>

**Sanitary Sewer Lateral Rehabilitation - (VB67)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Rehabilitate or replace failing sewer service laterals located within the public right-of-way.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	425.0	(135.9)	89.1	50.0	50.0	50.0	50.0	289.1
<b>Total:</b>	<b>425.0</b>	<b>(135.9)</b>	<b>89.1</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>289.1</b>

**SROG Operations & Solids Improvements - (VB57)**

**Est. Completion:** 06/22

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Improve the capacity to handle additional solids due to new technology being utilized at the 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate share of cost is derived through an existing intergovernmental agreement with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,500.0	(119.2)	1,380.8	-	-	-	-	1,380.8
<b>Total:</b>	<b>1,500.0</b>	<b>(119.2)</b>	<b>1,380.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,380.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**SROG Sewage Transmission Line - (VB50)**

**Est. Completion:** 06/22

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Modify and improve the Salt River Outfall (SRO) sewer line which transmits sewer flow approximately 26 miles from Scottsdale's city limits to the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	13,005.0	(5.0)	13,000.0	-	-	-	-	13,000.0
Sewer Rates	17,461.9	(10,421.4)	7,040.5	-	-	-	-	7,040.5
<b>Total:</b>	<b>30,466.9</b>	<b>(10,426.4)</b>	<b>20,040.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,040.5</b>

**SROG SRO / SAI Interceptor Odor Control - (VB60)**

**Est. Completion:** 06/22

**Location:** Princess Meter Station, Curry Road and Stadem Drive in the Salt River Outfall (SRO) interceptor

**Project Type:** Construction Related

**Description:** Complete a study and plan out the technology, timing and cost for odor control on the overall Salt River Outfall (SRO) interceptor system. The pipeline system is the major wastewater interceptor system conveying wastewater for the 5 Sub-Regional Operating Group (SROG) Partner cities across the valley to the 91st Avenue Wastewater Treatment Plant located in Phoenix.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	8,760.0	(253.8)	8,506.2	-	-	-	-	8,506.2
<b>Total:</b>	<b>8,760.0</b>	<b>(253.8)</b>	<b>8,506.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,506.2</b>

**SROG Wastewater Treatment Plant - (YC24) ②**

**Est. Completion:** N/A

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Modify and improve the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,025.0	(492.7)	532.3	-	-	-	-	532.3
<b>Total:</b>	<b>1,025.0</b>	<b>(492.7)</b>	<b>532.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>532.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**SROG Wastewater Treatment Plant - (YD24) ②**

**Est. Completion:** N/A

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Modify and improve the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	2,000.0	(1.7)	1,998.3	-	-	-	-	1,998.3
<b>Total:</b>	<b>2,000.0</b>	<b>(1.7)</b>	<b>1,998.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,998.3</b>

**SROG Wastewater Treatment Plant Improvements - (VE02)**

**Est. Completion:** N/A

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Modify and improve the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	8,500.0	-	3,900.0	1,750.0	1,000.0	900.0	950.0	8,500.0
<b>Total:</b>	<b>8,500.0</b>	<b>-</b>	<b>3,900.0</b>	<b>1,750.0</b>	<b>1,000.0</b>	<b>900.0</b>	<b>950.0</b>	<b>8,500.0</b>

**SROG Water Reclamation Capacity Management - (VB55)**

**Est. Completion:** 06/22

**Location:** Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

**Project Type:** Construction Related

**Description:** Expand, modify and improve the regional wastewater conveyance facilities according to existing intergovernmental agreements with the Sub-Regional Operating Group (SROG). The City of Scottsdale will continue to send a portion of its wastewater to the regional 91st Avenue Wastewater Treatment Plant located in the City of Phoenix. Although the City of Scottsdale Water Reclamation Plant at the Water Campus was recently expanded, the city will continue to send the majority of its wastewater generated south of Doubletree Ranch Road alignment to the regional 91st Avenue Wastewater Treatment Plant.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,016.3	(574.1)	442.2	-	-	-	-	442.2
<b>Total:</b>	<b>1,016.3</b>	<b>(574.1)</b>	<b>442.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>442.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Technology Master Plan Identified Wastewater Projects - (VE01)**

**Est. Completion:** 06/22

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Design and implement capital improvements stemming from the Technology Master Plan. Improvements will focus on the areas of Supervisory Control and Data Acquisition (SCADA) systems, Integration of Asset Management with Work Order Systems, Communications and Smart Meter implementation.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	2,000.0	-	1,000.0	1,000.0	-	-	-	2,000.0
<b>Total:</b>	<b>2,000.0</b>	<b>-</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,000.0</b>

**Wastewater Collection System Improvements - (VB62) ①**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct sewer lines, complete treatment plant work and rehabilitate sewer manholes in the aging sewer system per the Asset Management Program. Many of the sewer lines in the city have been in use for well over 30 years. The city is being proactive to avoid serious problems in the sewer system resulting from the aging infrastructure. In conjunction with the Asset Management Program, sewer lines will be videotaped to find potential problems, and design will be initiated to correct any identified problems. Additionally, this project will replace undersized sewer lines and provide new infrastructure to support redevelopment associated with downtown revitalization.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	12,589.5	(10,056.9)	2,132.6	400.0	-	-	-	2,532.6
Sewer Development Fees	661.2	(3.5)	657.7	-	-	-	-	657.7
Sewer Rates	31,405.5	(4,238.7)	12,698.3	3,993.5	2,750.0	2,225.0	5,500.0	27,166.8
<b>Total:</b>	<b>44,656.2</b>	<b>(14,299.1)</b>	<b>15,488.6</b>	<b>4,393.5</b>	<b>2,750.0</b>	<b>2,225.0</b>	<b>5,500.0</b>	<b>30,357.1</b>

**Wastewater Fund Contingency - (ZE01)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides budgetary appropriation set aside for water reclamation system emergencies or unforeseen expenditures not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	1,000.0	-	1,000.0	-	-	-	-	1,000.0
<b>Total:</b>	<b>1,000.0</b>	<b>-</b>	<b>1,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Wastewater Impact Fees - (VC01)**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Sewer fee study and audit requirements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Development Fees	220.0	(22.5)	197.5	-	-	-	-	197.5
<b>Total:</b>	<b>220.0</b>	<b>(22.5)</b>	<b>197.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>197.5</b>

**Wastewater Oversizing - (VB53)**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Oversize city lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident/developer is required by City Code to extend a sewer line (typically an 8" sewer line) at the resident/developer cost, and the city wishes to use that opportunity to upsize the line to accommodate regional flows. The city pays the cost difference between the upsized line and the price the resident/developer would have paid to extend the sewer line in-kind.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
GO Bonds	192.2	(192.2)	-	-	-	-	-	-
Sewer Development Fees	1,638.9	(1,638.9)	-	-	-	-	-	-
Sewer Rates	604.5	(216.2)	238.3	50.0	-	100.0	-	388.3
<b>Total:</b>	<b>2,435.6</b>	<b>(2,047.3)</b>	<b>238.3</b>	<b>50.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>388.3</b>

**Wastewater Technology Master Plan - (VB66)**

**Est. Completion:** 06/19  
**Location:** Citywide  
**Project Type:** Technology Related  
**Description:** Develop a master plan to examine current capabilities and condition of our communications systems. The master plan will entail developing a roadmap to update, standardize and maintain integrated control systems including Supervisory Control and Data Acquisition (SCADA)/Telemetry infrastructure. The master plan effort will evaluate hardware/software, as well as study overall system resiliency.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	340.0	(203.7)	36.3	100.0	-	-	-	136.3
<b>Total:</b>	<b>340.0</b>	<b>(203.7)</b>	<b>36.3</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>136.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

## Wastewater Treatment Facility Improvements - (VD01)

**Est. Completion:** N/A

**Location:** Water Campus, Gainey Wastewater Treatment Facility

**Project Type:** Construction Related

**Description:** Design and construct treatment plant modifications at the Water Campus and the Gainey Ranch Wastewater Treatment Facility. Addresses the rehabilitation and replacement of wastewater headworks, piping, clarifiers, pumps, filters, electrical and control systems, heating, ventilation and air conditioning (HVAC) equipment, odor control infrastructure, disinfection and other chemical systems. Also provides for miscellaneous site work such as access drives, shade canopies, grading improvements, and site lighting.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	14,741.4	(1,259.2)	5,002.2	1,930.0	1,250.0	1,550.0	3,750.0	13,482.2
<b>Total:</b>	<b>14,741.4</b>	<b>(1,259.2)</b>	<b>5,002.2</b>	<b>1,930.0</b>	<b>1,250.0</b>	<b>1,550.0</b>	<b>3,750.0</b>	<b>13,482.2</b>

## Water Reclamation Participation Program - (VB56)

**Est. Completion:** 06/20

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Manage pay-back agreements to assist residents connecting to the city's sewer collection system. Payback for the sewer extensions will be paid back over time with interest by the residents.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	4,600.0	(2,336.5)	1,013.5	750.0	500.0	-	-	2,263.5
<b>Total:</b>	<b>4,600.0</b>	<b>(2,336.5)</b>	<b>1,013.5</b>	<b>750.0</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>2,263.5</b>

## Water Reclamation Security Enhancements - (VB54) ①

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Enhance security at wastewater facilities throughout the city by upgrading existing prevention, detection and response systems. This project results from recommendations developed by a security survey of all wastewater facilities in the city. Enhancements to existing security measures were identified in the areas of access control, security personnel, surveillance, intrusion detection, site hardening and back-up power.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	5,521.0	(3,653.7)	492.3	400.0	350.0	325.0	300.0	1,867.3
<b>Total:</b>	<b>5,521.0</b>	<b>(3,653.7)</b>	<b>492.3</b>	<b>400.0</b>	<b>350.0</b>	<b>325.0</b>	<b>300.0</b>	<b>1,867.3</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Advance Water Treatment Plant Membranes Project - (TEMP1888)**

**Est. Completion:** N/A

**Location:** Scottsdale Water Campus

**Project Type:** Construction Related

**Description:** Replace water treatment membranes at the Advanced Water Treatment (AWT) Plant at the Water Campus.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	524.6	-	-	70.8	143.4	96.2	214.2	524.6
<b>Total:</b>	<b>524.6</b>	<b>-</b>	<b>-</b>	<b>70.8</b>	<b>143.4</b>	<b>96.2</b>	<b>214.2</b>	<b>524.6</b>

**Air Park Zone 4 Water Transmission Main - (WD02)**

**Est. Completion:** 06/19

**Location:** Scottsdale Road between the Princess Resort and the Bell Road alignment

**Project Type:** Construction Related

**Description:** Design and construct a 16-inch water transmission main intended to replace a reach of 12-inch transmission main currently causing a capacity constraint during peak summer water demands.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	150.0	(0.1)	149.9	-	-	-	-	149.9
Water Rates	1,550.0	-	1,550.0	-	-	-	-	1,550.0
<b>Total:</b>	<b>1,700.0</b>	<b>(0.1)</b>	<b>1,699.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,699.9</b>

**Booster Pump Station 42B Infrastructure Improvements - (WB67) ①**

**Est. Completion:** 06/18

**Location:** Jomax Road and Pima Road

**Project Type:** Construction Related

**Description:** Address site improvements including the replacement of electrical and mechanical infrastructure that has reached the end of its useful service life. Booster pump station 42B is located at Pima and Jomax Roads and operates at pressures approaching 250 pounds per square inch and is a vital facility for supplying potable water to this portion of the city's Water Service Area.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	4,215.0	(3,719.4)	495.6	-	-	-	-	495.6
<b>Total:</b>	<b>4,215.0</b>	<b>(3,719.4)</b>	<b>495.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>495.6</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Booster Station 57 Replacement - (WE01)**

**Est. Completion:** 12/18

**Location:** 33475 North Scottsdale Road

**Project Type:** Construction Related

**Description:** Rebuild the developer-built booster station that is approximately 25 years old and has reached the end of its useful life. Site improvements including the replacement of substandard electrical and mechanical infrastructure and the existing undersized storage reservoir with a tank that provides for sufficient storage volume to meet projected demand and fire flow. The project location is near the Scottsdale/Westland Road intersection and is a vital facility for supplying potable water to this portion of the city's Water Service Area.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	2,830.0	-	2,830.0	-	-	-	-	2,830.0
<b>Total:</b>	<b>2,830.0</b>	<b>-</b>	<b>2,830.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,830.0</b>

**Booster Station Upgrades - (WB76) ①**

**Est. Completion:** N/A

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Rehabilitate multiple potable water booster stations that have reached the end of their useful service lives. Many of these facilities were constructed by developers, are more than 25 years old and no longer meet current accepted design standards.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	1,000.0	-	1,000.0	-	-	-	-	1,000.0
Water Rates	17,786.7	(6,320.6)	3,717.5	2,930.0	1,945.0	1,596.6	1,277.0	11,466.1
<b>Total:</b>	<b>18,786.7</b>	<b>(6,320.6)</b>	<b>4,717.5</b>	<b>2,930.0</b>	<b>1,945.0</b>	<b>1,596.6</b>	<b>1,277.0</b>	<b>12,466.1</b>

**Campus/Central Arizona Project Drainage & Paving Improvements (Water) - (WB73) ①**

**Est. Completion:** 06/20

**Location:** Pima Road and Hualapai Drive

**Project Type:** Construction Related

**Description:** Design and construct engineered drainage features throughout the Central Arizona Project (CAP) Water Treatment Plant property to collect and direct on-site stormwater to identified discharge points. Uncontrolled runoff currently contributes to nuisance flooding and risk to infrastructure during rainfall. On-site paving improvements have been identified to improve staff mobility throughout the site which contributes to improved safety, security and operational reliability.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	600.0	(157.8)	442.2	-	-	-	-	442.2
<b>Total:</b>	<b>600.0</b>	<b>(157.8)</b>	<b>442.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>442.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Chaparral Water Treatment Plant Intake Screens - (WB62) ①**

**Est. Completion:** 06/19

**Location:** Chaparral Water Treatment Plant

**Project Type:** Construction Related

**Description:** Design and construct pretreatment infrastructure to meet stricter water quality regulations and improve operational performance given new challenges posed by deteriorating source water quality. Funds programmed are primarily targeted at immediately addressing infrastructure and operational needs to achieve compliance with tightened water quality rules.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	2,650.0	(1,717.4)	932.6	-	-	-	-	932.6
<b>Total:</b>	<b>2,650.0</b>	<b>(1,717.4)</b>	<b>932.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>932.6</b>

**Chaparral Water Treatment Plant Pretreatment - (WB56) ①**

**Est. Completion:** 06/21

**Location:** Chaparral Water Treatment Plant

**Project Type:** Construction Related

**Description:** Design and construct pretreatment infrastructure to meet stricter water quality regulations and improve operational performance given new challenges posed by deteriorating source water quality. Funds programmed are primarily targeted at immediately addressing infrastructure and operational needs to achieve compliance with tightened water quality rules.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	25,154.1	(7,933.5)	2,220.6	15,000.0	-	-	-	17,220.6
<b>Total:</b>	<b>25,154.1</b>	<b>(7,933.5)</b>	<b>2,220.6</b>	<b>15,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,220.6</b>

**Cross Roads East Water - (WB50)**

**Est. Completion:** 12/19

**Location:** 74th Street to Hayden Road, North of the 101 Loop.

**Project Type:** Construction Related

**Description:** Construct water lines within the area consistent with a development agreement. Advance construction of streets within the Core North and Core South area by the city that will require concurrent installation of water lines to provide service for future adjacent development. These lines are normally installed by the development community and will be reimbursed with development fees.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Development Fees	6,894.2	(2,425.9)	4,468.3	-	-	-	-	4,468.3
Water Rates	137.0	(0.4)	136.6	-	-	-	-	136.6
<b>Total:</b>	<b>7,031.2</b>	<b>(2,426.3)</b>	<b>4,604.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,604.9</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Deep Well Recharge/Recovery Facilities - (WB61)**

**Est. Completion:** 06/25

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Design and construct deep well water recharge and recovery facilities to ensure the long-term sustainability of the city's northern well field. The city will continue to use wells in its system to supply water to the community. For the city's 100 year water supply, the city is required to recharge water into its aquifers. This program will determine the best areas for this to occur. Initial testing has been completed, but the city would like to explore options further north of the Water Campus for this procedure.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	4,761.7	(223.0)	4,163.7	-	-	-	375.0	4,538.7
Water Resource Development Fees	713.2	(713.2)	-	-	-	-	-	-
<b>Total:</b>	<b>5,474.9</b>	<b>(936.2)</b>	<b>4,163.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>375.0</b>	<b>4,538.7</b>

**East Dynamite Area Transmission Main - (WD01)**

**Est. Completion:** 06/19

**Location:** East Dynamite Corridor and 116th Street

**Project Type:** Construction Related

**Description:** Design and construct backbone piping in the East Dynamite Area along 116th Street to support growth and maintain a looped system on a regional level.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	350.0	(0.2)	349.8	-	-	-	-	349.8
Water Rates	4,450.0	-	4,450.0	-	-	-	-	4,450.0
<b>Total:</b>	<b>4,800.0</b>	<b>(0.2)</b>	<b>4,799.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,799.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Frank Lloyd Wright 24-inch Transmission Main & Booster Station 83B Modifications - (WC03)**

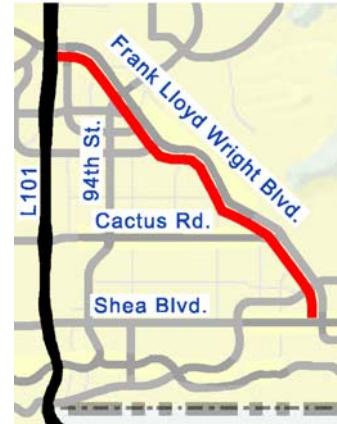
**Est. Completion:** 06/19

**Location:** Frank Lloyd Wright corridor from the vicinity of the Loop 101 and Bell Road to Shea Boulevard

**Project Type:** Construction Related

**Description:**

Design and construct approximately four miles of large diameter water transmission main in the Frank Lloyd Wright corridor east of the Loop 101. The new transmission main will improve the pumping capacity at Booster Station 83B and address existing low operational capacities and pressures in the east Shea Boulevard portion of the service area during peak summer water demand periods.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	11,000.0	(4,590.6)	6,409.4	-	-	-	-	6,409.4
Water Rates	4,400.0	(24.1)	4,375.9	-	-	-	-	4,375.9
<b>Total:</b>	<b>15,400.0</b>	<b>(4,614.7)</b>	<b>10,785.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,785.3</b>

**Hayden & Thunderbird Roads Waterline Replacement - (WC06)**

**Est. Completion:** 06/18

**Location:** A residential community bounded by Thunderbird Road to the north, Sweetwater Avenue to the south, Hayden Road to the east and 76th Street to the west.

**Project Type:** Construction Related

**Description:** Replace existing asbestos cement pipe (ACP), currently located within existing backyard easements and not in accordance with city standards.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	5,170.0	(3,948.2)	1,221.8	-	-	-	-	1,221.8
<b>Total:</b>	<b>5,170.0</b>	<b>(3,948.2)</b>	<b>1,221.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,221.8</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**HVID - Harquahala Valley Irrigation District - Scottsdale Share - (WC04)**

**Est. Completion:** 06/20  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Installation of water lines and recharge of wells.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	1,150.0	-	1,150.0	-	-	-	-	1,150.0
<b>Total:</b>	<b>1,150.0</b>	<b>-</b>	<b>1,150.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,150.0</b>

**Irrigation Water Distribution System Improvements - (WB57)**

**Est. Completion:** 06/18  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Improve the Irrigation Water Distribution System (IWDS) pipeline, pump stations, reservoirs and recharge wells. This project will be fully funded by the golf courses receiving Central Arizona Project water from the Water Campus through the IWDS.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Irrigation Water Distribution System	4,750.0	(1,274.1)	3,475.9	-	-	-	-	3,475.9
<b>Total:</b>	<b>4,750.0</b>	<b>(1,274.1)</b>	<b>3,475.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,475.9</b>

**IWDS / Harquahala Valley Irrigation District Property - Desert Mountain Golf Club - (WB69)**

**Est. Completion:** 06/20  
**Location:** Irrigation Water Distribution System / Harquahala Valley Irrigation District Property  
**Project Type:** Construction Related  
**Description:** Design and construct groundwater pumping wells and a transmission pipeline from the wells to the Central Arizona Project (CAP) canal in the Harquahala Valley. This project will be fully funded by the golf courses receiving water through the Irrigation Water Distribution System (IWDS).

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Irrigation Water Distribution	20,092.0	(4,637.9)	15,454.1	-	-	-	-	15,454.1
<b>Total:</b>	<b>20,092.0</b>	<b>(4,637.9)</b>	<b>15,454.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,454.1</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**IWDS / Harquahala Valley Irrigation District Property - Scottsdale National Golf Club - (WB80)**

**Est. Completion:** 06/20

**Location:** Irrigation Water Distribution System / Harquahala Valley Irrigation District Property

**Project Type:** Construction Related

**Description:** Design and construct groundwater pumping wells and a transmission pipeline from the wells to the Central Arizona Project (CAP) canal in the Harquahala Valley. This project will be fully funded by the golf courses receiving water through the Irrigation Water Distribution System (IWDS).

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Irrigation Water Distribution	4,345.0	(150.8)	4,194.2	-	-	-	-	4,194.2
<b>Total:</b>	<b>4,345.0</b>	<b>(150.8)</b>	<b>4,194.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,194.2</b>

**Master Plan - Water - (WB78)**

**Est. Completion:** 06/20

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Update master plan to determine water system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing pipelines, reservoirs, pump stations and treatment facilities, as well as updating operating manuals and standard operating procedures. Provides for facility planning, land use planning, and project cost estimating. Facilitates updates to the Water Infrastructure Improvement Plan (WIIP) needed define water development fees associated with growth.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	1,422.7	(191.4)	711.3	520.0	-	-	-	1,231.3
<b>Total:</b>	<b>1,422.7</b>	<b>(191.4)</b>	<b>711.3</b>	<b>520.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,231.3</b>

**Radio Telemetry Monitoring Automation Citywide - Water - (WB60)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct radio telemetry facilities at new and existing water facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	4,361.8	(2,272.6)	916.8	290.0	215.0	220.4	447.0	2,089.2
<b>Total:</b>	<b>4,361.8</b>	<b>(2,272.6)</b>	<b>916.8</b>	<b>290.0</b>	<b>215.0</b>	<b>220.4</b>	<b>447.0</b>	<b>2,089.2</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Regional Recharge Basins - (WB74)**

**Est. Completion:** 06/19

**Location:** Various locations

**Project Type:** Construction Related

**Description:** Recharge the city's unused allocation of Central Arizona Project (CAP) water in the Central Arizona Water Conservation District's (CAWCD) established Tonopah Desert Recharge Project, the Superstition Mountain Recharge Project, the Granite Reef Underground Storage Project and the Salt River Project Groundwater Savings Facility in light of forecasted persistent drought conditions and projected rising CAP rates. These facilities provide cost effective direct recharge and banks water storage credits that can be used to offset pumping used to meet customer demand during peak summer months or extended periods of drought. Pursuing this strategy now is critical since recent changes to state rules which may restrict the practice of recharging outside each water provider's own underlying aquifers.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	14,070.0	(7,568.6)	3,901.4	2,600.0	-	-	-	6,501.4
<b>Total:</b>	<b>14,070.0</b>	<b>(7,568.6)</b>	<b>3,901.4</b>	<b>2,600.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,501.4</b>

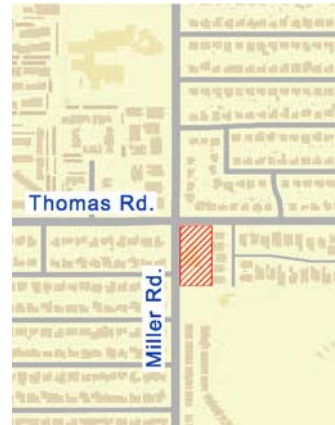
**Site 71 Well Site and Water Booster Station - (WB63) ①**

**Est. Completion:** 06/18

**Location:** Site 71 Well and Booster Pump Station

**Project Type:** Construction Related

**Description:** Design of a new well site and booster pump station that will replace the original on-site well constructed in 1959 on the southeast corner of Thomas Road and Miller Road. The new well is an integral component of the North Indian Bend Wash (NIBW) Superfund remedy.



Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	5,000.0	(4,552.4)	447.6	-	-	-	-	447.6
<b>Total:</b>	<b>5,000.0</b>	<b>(4,552.4)</b>	<b>447.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>447.6</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Technology Master Plan Identified Water Projects - (WE02)**

**Est. Completion:** 06/22

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Design and implement capital improvements stemming from the Technology Master Plan. Recommended improvements will focus on the areas of Supervisory Control and Data Acquisition (SCADA) systems, Integration of Asset Management with Work Order Systems and Communications implementation.

Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	4,000.0	-	2,000.0	2,000.0	-	-	-	4,000.0
<b>Total:</b>	<b>4,000.0</b>	<b>-</b>	<b>2,000.0</b>	<b>2,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000.0</b>

**Thomas Groundwater Treatment Facility - (WC07)**

**Est. Completion:** 06/19

**Location:** 8600 East Thomas Road

**Project Type:** Construction Related

**Description:** Design and construct a new reverse osmosis treatment facility to receive and treat a side stream of product water discharged from the adjacent Central Groundwater Treatment Facility (CGTF). The added water treatment will eliminate existing complex blending plans and establish more robust technology needed to address potential future regulations. The naturally occurring hardness in the wells will be reduced to levels similar to the rest of the water distribution system.

Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	15,000.0	(0.2)	14,999.8	-	-	-	-	14,999.8
Water Rates	10,100.0	(950.8)	9,149.2	-	-	-	-	9,149.2
<b>Total:</b>	<b>25,100.0</b>	<b>(951.0)</b>	<b>24,149.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,149.0</b>

**Water and Sewer System Optimization - (WB55) ①**

**Est. Completion:** 06/20

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Develop optimization tools and strategies to prioritize surface water usage over well water usage, blending requirements and strategies overall water quality conditions and challenges, varying seasonal demands reliability, redundancy and fire flows and energy usage and costs.

Funding Sources (In thousands of dollars)	Total Project Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Sewer Rates	600.0	(600.0)	-	-	-	-	-	-
Water Rates	1,458.6	(946.6)	512.0	-	-	-	-	512.0
<b>Total:</b>	<b>2,058.6</b>	<b>(1,546.6)</b>	<b>512.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>512.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Water Campus Vadose Well Rehabilitation - (WB79)**

**Est. Completion:** N/A

**Location:** Scottsdale Water Campus

**Project Type:** Construction Related

**Description:** Rehabilitate Vadose Zone recharge wells at the Water Campus to cost effectively extend the useful life of these aging assets. The Vadose Well complex at the Water Campus serves to recharge advanced treated water for the purposes of future groundwater withdrawals. Systematic rehabilitation of the existing recharge wells will reinforce this sustainable practice.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	2,800.0	(39.7)	625.3	50.0	50.0	285.0	1,750.0	2,760.3
<b>Total:</b>	<b>2,800.0</b>	<b>(39.7)</b>	<b>625.3</b>	<b>50.0</b>	<b>50.0</b>	<b>285.0</b>	<b>1,750.0</b>	<b>2,760.3</b>

**Water Distribution System Improvements - (WB77) ①**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Improve the water distribution system due to system aging, and increasing demands attributed to downtown revitalization. The project includes replacement of mains, pressure regulating valves, meters and other valves, as well as the design and construction of new water mains at various locations throughout the distribution system to improve service and to reduce operating cost. Replacement of existing small mains (4-inches and smaller) is required to meet fire flow requirements as set forth by ordinance. This project will also include minor design, maintenance and construction modifications to various water treatment plant infrastructure, pump stations and storage tanks as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Development Fees	4,275.0	-	-	-	-	525.0	3,750.0	4,275.0
Water Rates	58,769.2	(22,191.1)	11,913.1	7,250.0	8,600.0	6,225.0	2,590.0	36,578.1
<b>Total:</b>	<b>63,044.2</b>	<b>(22,191.1)</b>	<b>11,913.1</b>	<b>7,250.0</b>	<b>8,600.0</b>	<b>6,750.0</b>	<b>6,340.0</b>	<b>40,853.1</b>

**Water Fund Contingency - (ZE02)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides budgetary appropriation set aside for water system emergencies or unforeseen expenditures not otherwise budgeted.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	2,000.0	-	2,000.0	-	-	-	-	2,000.0
<b>Total:</b>	<b>2,000.0</b>	<b>-</b>	<b>2,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,000.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**Water Impact Fees - (WC01)**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Water fee study and audit requirements.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Development Fees	220.0	(21.8)	198.2	-	-	-	-	198.2
<b>Total:</b>	<b>220.0</b>	<b>(21.8)</b>	<b>198.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>198.2</b>

**Water Meter Replacement Program - (WB66) ①**

**Est. Completion:** N/A  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Purchase and install automated water meter equipment. The division is in the process of a multi-year transition from conventional-read water meters to automated metering devices for all customers.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	17,344.0	(5,700.0)	2,724.0	2,230.0	2,230.0	2,230.0	2,230.0	11,644.0
<b>Total:</b>	<b>17,344.0</b>	<b>(5,700.0)</b>	<b>2,724.0</b>	<b>2,230.0</b>	<b>2,230.0</b>	<b>2,230.0</b>	<b>2,230.0</b>	<b>11,644.0</b>

**Water Oversizing - (WB53)**

**Est. Completion:** 06/25  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides funds for the city to oversize lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident/developer is required by City Code to extend a water line (typically an 8" water line) at the resident/developer cost, and the city wishes to use that opportunity to upsize the line to accommodate regional flows. The city pays the cost difference between the upsized line and the price the resident/developer would have paid to extend the water line in-kind.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Development Fees	7,657.2	(7,657.2)	-	-	-	-	-	-
Water Rates	647.3	(291.7)	355.6	-	-	-	-	355.6
<b>Total:</b>	<b>8,304.5</b>	<b>(7,948.9)</b>	<b>355.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>355.6</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Water Participation Program - (WB54)**

**Est. Completion:** 06/25

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Facilitate the extension of water lines as required by City Code. The program allows the city to administer pay-back agreements to assist single-family residences connecting to the city's water distribution system. These pay-backs are settled in the future, the funding outlays made through this program will be re-paid to the city with interest.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	2,000.0	(827.6)	1,172.4	-	-	-	-	1,172.4
<b>Total:</b>	<b>2,000.0</b>	<b>(827.6)</b>	<b>1,172.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,172.4</b>

**Water Resources Impact Fees - (WC02)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Water resources fee study and audit requirements.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Resource Development Fees	220.0	(19.1)	200.9	-	-	-	-	200.9
<b>Total:</b>	<b>220.0</b>	<b>(19.1)</b>	<b>200.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200.9</b>

**Water System Security Enhancement Projects - (WE03)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response systems as needed.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	1,915.0	-	410.0	280.0	400.0	450.0	375.0	1,915.0
<b>Total:</b>	<b>1,915.0</b>	<b>-</b>	<b>410.0</b>	<b>280.0</b>	<b>400.0</b>	<b>450.0</b>	<b>375.0</b>	<b>1,915.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Water System Security Enhancements - (YD26) ②**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response systems as needed.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	430.0	(404.7)	25.3	-	-	-	-	25.3
<b>Total:</b>	<b>430.0</b>	<b>(404.7)</b>	<b>25.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.3</b>

**Water Technology Master Plan - (WB72)**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Develop a ten year master plan to examine current capabilities and condition of our communications systems. The master plan will entail developing a roadmap to update, standardize and maintain integrated control systems including Supervisory Control and Data Acquisition/Telemetry infrastructure. The master plan effort will evaluate hardware/software, as well as study overall system resiliency.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	810.0	(293.9)	66.1	150.0	-	-	300.0	516.1
<b>Total:</b>	<b>810.0</b>	<b>(293.9)</b>	<b>66.1</b>	<b>150.0</b>	<b>-</b>	<b>-</b>	<b>300.0</b>	<b>516.1</b>

**Water Treatment Facility Improvements - (WD04)**

**Est. Completion:** N/A

**Location:** Water Treatment Facilities - Central Arizona Project (CAP) Plant, Chaparral Water Plant, Arsenic Treatment Facility

**Project Type:** Construction Related

**Description:** Improve the water treatment facilities due to aging components. This project will include minor design, maintenance and construction modifications to various water treatment plant infrastructure and replacement of media, pump stations and storage tanks as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	22,850.0	(2,689.5)	8,435.5	3,100.0	2,950.0	2,425.0	3,250.0	20,160.5
<b>Total:</b>	<b>22,850.0</b>	<b>(2,689.5)</b>	<b>8,435.5</b>	<b>3,100.0</b>	<b>2,950.0</b>	<b>2,425.0</b>	<b>3,250.0</b>	<b>20,160.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



**Water Treatment Plant Membranes - (WB71)**

**Est. Completion:** N/A

**Location:** Water Treatment Plant membranes

**Project Type:** Construction Related

**Description:** Replace water treatment membranes at the Chaparral Water Treatment Plant, Central Arizona Project (CAP) Water Treatment Plant and Advanced Water Treatment Plant.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	6,112.5	(2,063.7)	1,687.3	1,127.5	379.5	379.5	475.0	4,048.8
<b>Total:</b>	<b>6,112.5</b>	<b>(2,063.7)</b>	<b>1,687.3</b>	<b>1,127.5</b>	<b>379.5</b>	<b>379.5</b>	<b>475.0</b>	<b>4,048.8</b>

**Well Sites - (WB75) ①**

**Est. Completion:** 06/20

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Design and construct new wells and upgrade existing wells at locations determined consistent with the Master Plan for water system demand. The city will still need to replace existing wells once the well has reached its useful life.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	1,115.4	(139.5)	975.9	-	-	-	-	975.9
<b>Total:</b>	<b>1,115.4</b>	<b>(139.5)</b>	<b>975.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>975.9</b>

**Well Sites Rehabilitation - (WB51) ①**

**Est. Completion:** N/A

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Analyze, clean chemically or mechanically and rehabilitated wells as necessary. The wells in the city are beneficial for future water and need to be working properly to support peak water demands for summer use.

Funding Sources (In thousands of dollars)	Total Project Cost	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
Water Rates	4,723.6	(2,314.6)	1,685.4	-	250.0	250.0	223.6	2,409.0
<b>Total:</b>	<b>4,723.6</b>	<b>(2,314.6)</b>	<b>1,685.4</b>	<b>-</b>	<b>250.0</b>	<b>250.0</b>	<b>223.6</b>	<b>2,409.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.

② Recurring Capital Maintenance Projects.

**WestWorld Improvements - (WB58)**

**Est. Completion:** 06/25

**Location:** McDowell Mountain

**Project Type:** Construction Related

**Description:** Improve McDowell Mountain Golf Recharge Recovery pipeline, pump stations reservoirs, and recharge wells. This project is fully funded by the golf courses and city facilities receiving Central Arizona Project (CAP) water from the CAP Canal and delivered through the improvements.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
WestWorld Golf	1,650.0	(305.7)	594.3	-	-	750.0	-	1,344.3
<b>Total:</b>	<b>1,650.0</b>	<b>(305.7)</b>	<b>594.3</b>	<b>-</b>	<b>-</b>	<b>750.0</b>	<b>-</b>	<b>1,344.3</b>

**Zone 14/16 Water Improvements Phase 2 - (WB70)**

**Est. Completion:** 06/19

**Location:** Carefree Highway and Bartlett Road

**Project Type:** Construction Related

**Description:** Design and construct two potable water booster stations and a 500,000 gallon storage reservoir to meet projected customer demand and fire flow in that part of the water service area known as Wildcat Hill. This area lies south of Cave Creek Road and east of Pima Road in North Scottsdale.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
2018 MPC Bonds Water Development Funds	11,000.0	-	11,000.0	-	-	-	-	11,000.0
Water Development Fees	4,081.3	(993.7)	3,087.6	-	-	-	-	3,087.6
Water Rates	25.0	(5.8)	19.2	-	-	-	-	19.2
<b>Total:</b>	<b>15,106.3</b>	<b>(999.5)</b>	<b>14,106.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,106.8</b>

**Zone 2 Water System Improvements - (WC05)**

**Est. Completion:** 06/18

**Location:** East Shea Boulevard Area

**Project Type:** Construction Related

**Description:** Retire Reservoir 36, Booster Pump Station 36 and Booster Pump Station 37. Additionally, replace the pumps at Booster Pump Station 124 to more effectively and efficiently supply the surrounding pressure zones. New pipelines and a Pressure Reducing Valve (PRV) will be designed to optimally supply Zone 3E and 5E. Replace assets at Booster Station 124 including electrical gear, generator, service entrance section, variable drives and appurtenances.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD Expenditures (Thru 06/17)	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	4,000.0	(839.7)	3,160.3	-	-	-	-	3,160.3
Water Rates	5,330.0	(9.8)	5,320.2	-	-	-	-	5,320.2
<b>Total:</b>	<b>9,330.0</b>	<b>(849.5)</b>	<b>8,480.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,480.5</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.

**Zone 3W Water System Improvements - (WD03)**

**Est. Completion:** 06/19

**Location:** Hayden Road and Frank Lloyd Wright Boulevard west of the Loop 101

**Project Type:** Construction Related

**Description:** Design and construct water system improvements in the Airpark area due to growth driven capacity demands including the installation of 12-inch, 20-inch and 30-inch transmission mains. The improvements will help meet growing water demands due to projected increased densities in the greater Airpark region.

Funding Sources (In thousands of dollars)	Total Project Expenditures Cost (Thru 06/17)	ITD	FY 2017/18 Budget	FY 2018/19 Forecast	FY 2019/20 Forecast	FY 2020/21 Forecast	FY 2021/22 Forecast	Total Remaining Budget
MPC Bonds	325.0	-	325.0	-	-	-	-	325.0
Water Rates	4,450.0	-	4,450.0	-	-	-	-	4,450.0
<b>Total:</b>	<b>4,775.0</b>	<b>-</b>	<b>4,775.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,775.0</b>

① Project was partially or wholly funded with reallocated bond proceeds from MPC Series 2013 per Resolution 10335 and MPC2016-01.  
 ② Recurring Capital Maintenance Projects.



← 4100 N 7200 E  
Scottsdale Rd

## ORDINANCE NO. 4314

AN ORDINANCE OF THE COUNCIL OF THE CITY OF SCOTTSDALE, MARICOPA COUNTY, ARIZONA, FINALLY DETERMINING AND ADOPTING ESTIMATES OF PROPOSED EXPENDITURES BY THE CITY OF SCOTTSDALE FOR THE FISCAL YEAR BEGINNING JULY 1, 2017, AND ENDING JUNE 30, 2018, AND DECLARING THAT SUCH SHALL CONSTITUTE THE BUDGET FOR THE CITY OF SCOTTSDALE; RECOGNIZING CONDITIONS ON TRANSFERS OF BUDGETED MONIES; AND ADOPTING THE FINAL FY 2017/18 CLASSIFICATION PLAN AND EXPLANATIONS.

WHEREAS, in accordance with the provisions of Title 42, Chapter 17 of the Arizona Revised Statutes, and the Scottsdale City Charter, the City Council did, on May 23, 2017, make a budget estimate of the different amounts required to meet the public expenses for the fiscal year beginning July 1, 2017, and ending June 30, 2018 ("Fiscal Year 2017/2018"), an estimate of receipts from sources other than direct taxation, and the amount to be raised by taxation upon real and personal property within the City of Scottsdale, Arizona; and

WHEREAS, following publication of notice as required by law, the City Council held a Truth in Taxation hearing and public hearing on June 13, 2017, at which any taxpayer could appear and be heard in favor of or against any proposed expenditure or property tax levy; and

WHEREAS, following the public hearing, the City Council convened in a special meeting for purposes of finally determining and adopting the estimates of proposed expenditures, which estimates, when adopted, would constitute the budget of the City of Scottsdale for Fiscal Year 2017/2018; and

WHEREAS, it appears that publication has been duly made, as required by law, of said budget estimates, together with a notice that the City Council will meet on June 27, 2017, in the City Hall Kiva for the purpose of assessing the primary and secondary property tax levies; and

WHEREAS, the sums to be raised by taxation, as specified therein, do not, in the aggregate, exceed that amount for primary property taxes as computed in A.R.S. § 42-17051; and

WHEREAS, in accordance with Scottsdale Revised Code section 14-22, the City Council must annually adopt the classification plan, including a listing of official titles with the authorized number of positions, salary range and a breakdown of titles and numbers of positions by section; and

BE IT ORDAINED by the Council of the City of Scottsdale, Maricopa County, Arizona, as follows:

Section 1. That pursuant to the laws of the State of Arizona, and the Scottsdale City Charter of the City of Scottsdale, Schedules A through G, as further described below, attached hereto as Exhibit "1" and incorporated herein by this reference in their entirety, are hereby adopted as the Final Budget of the City of Scottsdale for Fiscal Year 2017/2018:

Schedule A, Summary Schedule of Estimated Revenues and Expenditures/Expenses Fiscal Year 2017/2018

Schedule B, Summary of Property Tax Levy and Property Tax Rate Information Fiscal Year 2017/2018

Schedule C, Summary by Fund of Revenues Other than Property Taxes Fiscal Year 2017/2018

Schedule D, Summary by Fund Type of Other Financing Sources/(Uses) and Interfund Transfers Fiscal Year 2017/2018

Schedule E, Summary by Division of Expenditures/Expenses Within Each Fund Type Fiscal Year 2017/2018

Schedule F, Summary by Division of Expenditures/Expenses Fiscal Year 2017/2018

Schedule G, Full-Time Employees and Personnel Compensation Fiscal Year 2017/2018

Section 2. That upon the recommendation of the City Manager, and with the approval of the City Council, expenditures may be made for the budget from contingencies and reserves.

Section 3. That the City Council expressly authorizes the City Manager, at any time, to transfer funds from any unencumbered macro level appropriation balance stated for a specific purpose to a division and/or fund in conformity with that purpose.

Section 4. That resources from any fund may be used to meet the adopted budget, except funds specifically restricted by Federal or State law or by City ordinance or resolution.

Section 5. That the City Council, subject to the limitation in Section 4 and to the extent allowable by law, expressly authorizes the City Manager, at any time, to transfer grant/match contingency funds to airport Capital Improvement Plan projects as may become necessary or desirable during the fiscal year.

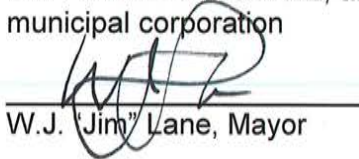
Section 6. That pursuant to section 14-20 *et seq.* of the Scottsdale Revised Code, the Final FY 2017/18 Classification Plan and Explanations, which is on file with, and available for review at, the Office of the City Clerk, is hereby adopted.

PASSED AND ADOPTED by the Council of the City of Scottsdale, Maricopa County, Arizona, this 13<sup>th</sup> day of June, 2017.

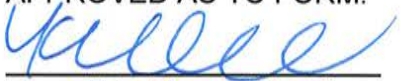
ATTEST:

  
Carolyn Jagger, City Clerk

CITY OF SCOTTSDALE, an Arizona  
municipal corporation

  
W.J. "Jim" Lane, Mayor

APPROVED AS TO FORM:

  
Bruce Washburn, City Attorney

By: Kimberly McIntier, Assistant City Attorney

# APPENDIX | Budget Adoption Ordinance

**CITY OF SCOTTSDALE**  
**Summary Schedule of Estimated Revenues and Expenditures/Expenses**  
**Fiscal Year 2017/2018**  
**Schedule A**

Fiscal Year		SCH	FUNDS							Total All Funds
			General Fund	Special Revenue Fund	Debt Service Fund	Capital Project Funds	Trust & Agency Funds	Enterprise Funds	Internal Service Funds	
2017	Adopted/Adjusted Budgeted Expenditures/Expenses*	E	\$288,917,304	\$71,109,020	\$85,331,404	\$659,385,163	\$16,000	\$214,935,871	\$43,643,288	\$1,363,338,050
2017	Actual Expenditures/Expenses**	E	\$259,674,194	\$60,733,847	\$85,331,404	\$178,339,642	\$6,000	\$141,937,477	\$10,330,206	\$736,352,770
2018	Fund Balance/Net Position at July 1		\$52,601,967	\$61,835,878	\$21,508,163	\$216,973,676	\$25,469	\$85,880,240	\$36,568,346	\$475,393,739
2018	Primary Property Tax Levy	B	\$27,197,112	\$0	\$0	\$0	\$0	\$0	\$1,046,624	\$28,243,736
2018	Secondary Property Tax Levy	B	\$0	\$0	\$33,558,964	\$0	\$0	\$0	\$0	\$33,558,964
2018	Estimated Revenues Other than Property Taxes	C	\$246,328,214	\$120,861,217	\$3,631,400	\$376,889,788	\$0	\$175,408,094	\$9,992,840	\$933,111,553
2018	Other Financing Sources	D	\$0	\$0	\$0	\$70,950,000	\$0	\$0	\$0	\$70,950,000
2018	Other Financing (Uses)	D	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2018	Interfund Transfers In	D	\$9,116,167	\$310,000	\$51,874,249	\$66,350,702	\$0	\$54,280,429	\$230,000	\$182,161,547
2018	Interfund Transfers (Out)	D	\$20,584,437	\$52,172,995	\$4,210,537	\$16,620,147	\$0	\$86,999,587	\$1,573,844	\$182,161,547
2018	Reduction for Amounts Not Available:									
LESS:	Amounts for Future Debt Retirement:									
2018	Total Financial Resources Available		\$314,659,023	\$130,834,100	\$106,362,239	\$714,544,019	\$25,469	\$228,569,176	\$46,263,966	\$1,541,257,992
2018	Budgeted Expenditures/Expenses	E	\$298,276,467	\$70,865,651	\$106,362,239	\$538,204,756	\$0	\$222,128,780	\$43,946,967	\$1,279,784,860

**Expenditure Limitation Comparison**

	2016/2017	2017/2018
1. Budgeted expenditures	\$1,363,338,050	\$1,279,784,860
2. Add/subtract : estimated net reconciling items	-	-
3. Budgeted expenditures adjusted for reconciling items	1,363,338,050	1,279,784,860
4. Less: estimated exclusions	(941,113,413)	(854,837,073)
5. Amount subject to the expenditure limitation	422,224,637	424,947,787
6. EEC or voter-approved alternative expenditure limitation	\$454,278,214	\$473,700,830

\*Includes expenditure adjustments approved in FY 2016/2017 from Schedule E.

\*\*Includes actual amounts as of the date the adopted budget was prepared, adjusted for estimated activity for the remainder of the fiscal year.

**CITY OF SCOTTSDALE**  
**Summary of Property Tax Levy and Property Tax Rate Information**  
**Fiscal Year 2017/2018**  
**Schedule B**

	<b>Fiscal Year 2016/2017</b>	<b>Fiscal Year 2017/2018</b>
1. Maximum allowable primary property tax levy. A.R.S. §42-17051(A)	<u>\$30,697,619</u>	<u>\$31,677,341</u>
2. Amount received from primary property taxation in the current year in excess of the sum of that year's maximum allowable primary property tax levy. A.R.S. §42-17102(A)(18)	<u>\$0</u>	
3. Property tax levy amounts		
A. Primary property taxes	<u>\$27,377,890</u>	<u>\$28,243,736</u>
B. Secondary property taxes	<u>\$33,575,842</u>	<u>\$33,558,964</u>
C. Total property tax levy amounts	<u>\$60,953,732</u>	<u>\$61,802,700</u>
4. Property taxes collected*		
A. Primary property taxes		
(1) 2016/2017 levy	\$26,939,844	
(2) Prior years' levies	<u>\$389,239</u>	
(3) Total primary property taxes	<u>\$27,329,083</u>	
B. Secondary property taxes		
(1) 2016/2017 levy	\$33,038,629	
(2) Prior years' levies	<u>\$477,357</u>	
(3) Total secondary property taxes	<u>\$33,515,986</u>	
C. Total property taxes collected	<u>\$60,845,069</u>	
5. Property tax rates		
A. City tax rate		
(1) Primary property tax rate	\$0.5071	\$0.4956
(2) Secondary property tax rate	<u>\$0.6219</u>	<u>\$0.5889</u>
(3) Total city tax rate	<u>\$1.1290</u>	<u>\$1.0845</u>

**B. Special assessment district tax rates**

Secondary property tax rates - As of the date the tentative budget was prepared, the city was operating 355 special assessment districts (streetlight improvement districts) for which secondary property taxes are levied. For information pertaining to these special assessment districts and their tax rates, please contact the City of Scottsdale Finance and Accounting Division.

\*Includes actual property taxes collected as of the date the adopted budget was prepared, plus estimated property tax collections for the remainder of the fiscal year.



CITY OF SCOTTSDALE  
 Summary by Fund of Revenues Other than Property Taxes  
 Fiscal Year 2017/2018  
 Schedule C

Source of Revenues	Budgeted Revenues 2016/2017	Actual Revenues 2016/2017*	Adopted Revenues 2017/2018
<b>GENERAL FUND</b>			
<b>TAXES - LOCAL</b>			
TRANSACTION PRIVILEGE TAX	\$107,088,035	\$107,088,035	\$109,876,026
TRANSACTION PRIVILEGE TAX - PUBLIC SAFETY	\$10,495,414	\$10,495,414	\$10,790,420
ELECTRIC & GAS FRANCHISE	\$8,393,572	\$8,393,572	\$8,467,000
CABLE TV LICENSE FEE	\$3,619,900	\$3,619,900	\$3,637,100
SALT RIVER PROJECT IN LIEU	\$241,000	\$241,000	\$225,000
STORMWATER QUALITY FEES	\$907,800	\$907,800	\$916,878
<b>TOTAL TAXES - LOCAL</b>	<b>\$130,745,721</b>	<b>\$130,745,721</b>	<b>\$133,912,424</b>
<b>STATE SHARED REVENUES</b>			
STATE SHARED SALES TAX	\$22,318,898	\$22,318,898	\$23,131,809
STATE SHARED INCOME TAX	\$29,009,725	\$29,009,725	\$29,726,061
AUTO LIEU TAX	\$9,213,063	\$9,213,063	\$10,278,542
<b>TOTAL STATE SHARED REVENUES</b>	<b>\$60,541,686</b>	<b>\$60,541,686</b>	<b>\$63,136,412</b>
<b>CHARGES FOR SERVICE/OTHER</b>			
INTERGOVERNMENTAL AGREEMENTS	\$1,271,577	\$1,271,577	\$1,750,989
MISCELLANEOUS	\$1,846,332	\$1,846,332	\$2,252,182
PROPERTY RENTAL	\$3,231,020	\$3,231,020	\$3,103,273
<b>TOTAL CHARGES FOR SERVICE/OTHER</b>	<b>\$6,348,929</b>	<b>\$6,348,929</b>	<b>\$7,106,444</b>
<b>LICENSE PERMITS &amp; FEES</b>			
BUSINESS & LIQUOR LICENSES	\$1,946,800	\$1,946,800	\$1,892,612
FIRE CHARGES FOR SERVICES	\$790,920	\$790,920	\$703,630
RECREATION FEES	\$3,861,743	\$3,861,743	\$4,160,102
WESTWORLD EQUESTRIAN FACILITY FEES	\$4,590,798	\$4,590,798	\$4,763,504
<b>TOTAL LICENSE PERMITS &amp; FEES</b>	<b>\$11,190,261</b>	<b>\$11,190,261</b>	<b>\$11,519,848</b>
<b>FINES FEES &amp; FORFEITURES</b>			
COURT FINES	\$3,712,014	\$3,712,014	\$3,592,362
LIBRARY	\$341,800	\$341,800	\$304,100
PARKING FINES	\$271,121	\$271,121	\$226,401
PHOTO RADAR	\$3,782,951	\$3,782,951	\$3,019,803
<b>TOTAL FINES FEES &amp; FORFEITURES</b>	<b>\$8,107,886</b>	<b>\$8,107,886</b>	<b>\$7,142,666</b>
<b>INTEREST EARNINGS</b>			
INTEREST EARNINGS	\$1,398,824	\$1,398,824	\$1,615,319
<b>TOTAL INTEREST EARNINGS</b>	<b>\$1,398,824</b>	<b>\$1,398,824</b>	<b>\$1,615,319</b>
<b>BUILDING PERMIT FEES &amp; CHARGES</b>			
BUILDING & RELATED PERMITS	\$14,665,400	\$14,665,400	\$14,998,399
<b>TOTAL BUILDING PERMIT FEES &amp; CHARGES</b>	<b>\$14,665,400</b>	<b>\$14,665,400</b>	<b>\$14,998,399</b>
<b>INDIRECT/DIRECT COST ALLOCATIONS</b>			
INDIRECT COSTS	\$6,101,235	\$6,101,235	\$6,546,702
DIRECT COST ALLOCATION (FIRE)	\$314,869	\$314,869	\$350,000
<b>TOTAL INDIRECT/DIRECT COST ALLOCATIONS</b>	<b>\$6,416,104</b>	<b>\$6,416,104</b>	<b>\$6,896,702</b>
<b>TOTAL GENERAL FUND</b>	<b>\$239,414,811</b>	<b>\$239,414,811</b>	<b>\$246,328,214</b>

CITY OF SCOTTSDALE  
 Summary by Fund of Revenues Other than Property Taxes  
 Fiscal Year 2017/2018  
 Schedule C

Source of Revenues	Budgeted Revenues 2016/2017	Actual Revenues 2016/2017*	Adopted Revenues 2017/2018
<b>SPECIAL REVENUE FUNDS</b>			
<b>PRESERVATION PRIVILEGE TAX FUNDS</b>			
TRANSACTION PRIVILEGE TAX	\$36,733,947	\$36,733,947	\$37,766,467
INTEREST EARNINGS	\$334,388	\$334,388	\$399,453
<b>TOTAL PRESERVATION PRIVILEGE TAX FUNDS</b>	<b>\$37,068,335</b>	<b>\$37,068,335</b>	<b>\$38,165,920</b>
<b>TRANSPORTATION FUND</b>			
TRANSACTION PRIVILEGE TAX	\$20,361,102	\$20,361,102	\$20,933,413
HIGHWAY USER TAX	\$14,328,134	\$14,328,134	\$16,381,995
LOCAL TRANSPORTATION ASSISTANCE FUND	\$645,000	\$645,000	\$655,000
INTERGOVERNMENTAL AGREEMENTS	\$500,000	\$500,000	\$325,000
MISCELLANEOUS	\$30,000	\$30,000	\$15,000
FEDERAL GRANTS	\$300,000	\$300,000	\$0
INDIRECT/DIRECT COST ALLOCATIONS	\$578,949	\$578,949	\$557,773
<b>TOTAL TRANSPORTATION FUND</b>	<b>\$36,743,185</b>	<b>\$36,743,185</b>	<b>\$38,868,181</b>
<b>TOURISM DEVELOPMENT FUND</b>			
TRANSIENT OCCUPANCY TAX	\$18,714,000	\$18,714,000	\$19,441,159
MISCELLANEOUS	\$20,500	\$20,500	\$20,500
PROPERTY RENTAL	\$1,618,667	\$1,618,667	\$1,667,227
<b>TOTAL TOURISM DEVELOPMENT FUND</b>	<b>\$20,353,167</b>	<b>\$20,353,167</b>	<b>\$21,128,886</b>
<b>SPECIAL PROGRAMS FUND</b>			
ELECTRIC & GAS FRANCHISE	\$253,028	\$253,028	\$268,509
INTERGOVERNMENTAL AGREEMENTS	\$208,240	\$208,240	\$203,937
MISCELLANEOUS	\$1,738,371	\$1,738,371	\$1,866,218
PROPERTY RENTAL	\$370,591	\$370,591	\$343,913
CONTRIBUTIONS & DONATIONS	\$315,781	\$315,781	\$307,181
BUSINESS & LIQUOR LICENSES	\$40,000	\$40,000	\$52,000
RECREATION FEES	\$1,757,603	\$1,757,603	\$1,903,940
COURT FINES	\$2,050,014	\$2,050,014	\$1,933,180
LIBRARY	\$154,000	\$154,000	\$150,000
POLICE FEES	\$480,000	\$480,000	\$399,600
INTEREST EARNINGS	\$29,177	\$29,177	\$33,000
<b>TOTAL SPECIAL PROGRAMS FUND</b>	<b>\$7,396,805</b>	<b>\$7,396,805</b>	<b>\$7,461,478</b>
<b>SPECIAL DISTRICTS</b>			
STREETLIGHT DISTRICTS	\$609,739	\$609,739	\$598,296
<b>TOTAL SPECIAL DISTRICTS</b>	<b>\$609,739</b>	<b>\$609,739</b>	<b>\$598,296</b>
<b>GRANT FUNDS</b>			
INTERGOVERNMENTAL AGREEMENTS	\$268,768	\$268,768	\$12,956
PROPERTY RENTAL	\$30,100	\$30,100	\$39,000
CONTRIBUTIONS & DONATIONS	\$1,500,336	\$1,500,336	\$3,845,861
FEDERAL GRANTS	\$15,739,245	\$15,739,245	\$10,728,639
STATE GRANTS	\$133,904	\$133,904	\$12,000
<b>TOTAL GRANT FUNDS</b>	<b>\$17,672,353</b>	<b>\$17,672,353</b>	<b>\$14,638,456</b>
<b>TOTAL SPECIAL REVENUE FUNDS</b>	<b>\$119,843,584</b>	<b>\$119,843,584</b>	<b>\$120,861,217</b>

CITY OF SCOTTSDALE  
 Summary by Fund of Revenues Other than Property Taxes  
 Fiscal Year 2017/2018  
 Schedule C

Source of Revenues	Budgeted Revenues 2016/2017	Actual Revenues 2016/2017*	Adopted Revenues 2017/2018
<b>DEBT SERVICE FUNDS</b>			
<b>DEBT</b>			
INTERGOVERNMENTAL AGREEMENTS	\$3,236,263	\$3,236,263	\$3,486,400
PROPERTY RENTAL	\$145,000	\$145,000	\$145,000
<b>TOTAL DEBT</b>	<b>\$3,381,263</b>	<b>\$3,381,263</b>	<b>\$3,631,400</b>
<b>TOTAL DEBT SERVICE FUNDS</b>	<b>\$3,381,263</b>	<b>\$3,381,263</b>	<b>\$3,631,400</b>
<b>CAPITAL PROJECT FUNDS</b>			
<b>CAPITAL IMPROVEMENT PROGRAM</b>			
ESTIMATED UNEXPENDED PRIOR YEAR	\$389,988,115	\$0	\$344,265,015
OTHER WATER REVENUE	\$1,800,000	\$1,800,000	\$1,800,000
OTHER WATER RECLAMATION REVENUE	\$1,500,000	\$1,500,000	\$2,400,024
NON-POTABLE WATER SERVICE CHARGES	\$0	\$0	\$1,500,024
INTERGOVERNMENTAL AGREEMENTS	\$17,505,519	\$17,505,519	\$11,132,005
CONTRIBUTIONS & DONATIONS	\$2,534,800	\$2,534,800	\$134,800
INTEREST EARNINGS	\$1,300,505	\$1,300,505	\$1,572,646
BUILDING & RELATED PERMITS	\$120,000	\$120,000	\$50,000
STATE GRANTS	\$22,705,345	\$22,705,345	\$3,311,020
MISCELLANEOUS	\$14,470,801	\$14,470,801	\$10,724,254
<b>TOTAL CAPITAL IMPROVEMENT PROGRAM</b>	<b>\$451,925,085</b>	<b>\$61,936,970</b>	<b>\$376,889,788</b>
<b>TOTAL CAPITAL PROJECT FUNDS</b>	<b>\$451,925,085</b>	<b>\$61,936,970</b>	<b>\$376,889,788</b>
<b>TRUST &amp; AGENCY FUNDS</b>			
<b>TRUSTS</b>			
MISCELLANEOUS	\$10,000	\$10,000	\$0
CONTRIBUTIONS & DONATIONS	\$6,000	\$6,000	\$0
<b>TOTAL TRUSTS</b>	<b>\$16,000</b>	<b>\$16,000</b>	<b>\$0</b>
<b>TOTAL TRUST &amp; AGENCY FUNDS</b>	<b>\$16,000</b>	<b>\$16,000</b>	<b>\$0</b>
<b>ENTERPRISE FUNDS</b>			
<b>AVIATION FUND</b>			
JET FUEL	\$0	\$165,090	\$166,889
OTHER ACTIVITY	\$165,090	\$0	\$0
AIRPORT FEES	\$3,594,800	\$3,594,800	\$3,644,423
PROPERTY RENTAL	\$102,039	\$102,039	\$103,059
INTEREST EARNINGS	\$48,771	\$48,771	\$59,251
<b>TOTAL AVIATION FUND</b>	<b>\$3,910,700</b>	<b>\$3,910,700</b>	<b>\$3,973,622</b>
<b>WATER AND SEWER UTILITY FUNDS</b>			
STORMWATER QUALITY FEES	\$267,000	\$267,000	\$268,500
WATER SERVICE FEES	\$91,418,800	\$91,418,800	\$91,774,100
SEWER SERVICE FEES	\$38,677,500	\$38,677,500	\$39,894,800
NON-POTABLE WATER SERVICE CHARGES	\$13,256,800	\$13,256,800	\$16,217,900
MISCELLANEOUS	\$1,010,000	\$1,010,000	\$1,021,500
PROPERTY RENTAL	\$170,000	\$170,000	\$240,000
CONTRIBUTIONS & DONATIONS	\$0	\$0	\$3,000
INTEREST EARNINGS	\$899,138	\$899,138	\$1,065,365
INDIRECT COSTS	\$866,900	\$866,900	\$804,500
<b>TOTAL WATER AND SEWER UTILITY FUNDS</b>	<b>\$146,566,138</b>	<b>\$146,566,138</b>	<b>\$151,289,665</b>

CITY OF SCOTTSDALE  
 Summary by Fund of Revenues Other than Property Taxes  
 Fiscal Year 2017/2018  
 Schedule C

Source of Revenues	Budgeted Revenues 2016/2017	Actual Revenues 2016/2017*	Adopted Revenues 2017/2018
<b>SOLID WASTE FUND</b>			
SOLID WASTE SERVICE CHARGES - COMMERCIAL	\$4,071,243	\$4,071,243	\$3,513,480
SOLID WASTE SERVICE CHARGES - RESIDENTIAL	\$16,462,467	\$16,462,467	\$16,540,000
INTEREST EARNINGS	\$92,717	\$92,717	\$91,327
<b>TOTAL SOLID WASTE FUND</b>	<b>\$20,626,427</b>	<b>\$20,626,427</b>	<b>\$20,144,807</b>
<b>TOTAL ENTERPRISE FUNDS</b>			
	<b>\$171,103,265</b>	<b>\$171,103,265</b>	<b>\$175,408,094</b>
<b>INTERNAL SERVICE FUNDS</b>			
<b>FLEET MANAGEMENT FUND</b>			
INTERNAL SERVICE OFFSETS	(\$18,492,588)	(\$18,492,588)	(\$19,954,938)
EQUIPMENT REPLACEMENT	\$7,527,456	\$7,527,456	\$7,975,422
FUEL	\$3,963,612	\$3,963,612	\$3,330,896
MAINTENANCE & OPERATIONS	\$7,001,520	\$7,001,520	\$8,648,620
MISCELLANEOUS	\$389,800	\$389,800	\$420,653
REIMBURSEMENTS FROM OUTSIDE SOURCES	\$0	\$0	\$416,000
<b>TOTAL FLEET MANAGEMENT FUND</b>	<b>\$389,800</b>	<b>\$389,800</b>	<b>\$836,653</b>
<b>PC REPLACEMENT FUND</b>			
INTERNAL SERVICE OFFSETS	(\$986,606)	(\$986,606)	(\$1,021,072)
PC REPLACEMENT REVENUE	\$986,606	\$986,606	\$1,021,072
<b>TOTAL PC REPLACEMENT FUND</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SELF INSURANCE FUNDS</b>			
INTERNAL SERVICE OFFSETS	(\$30,900,694)	(\$30,900,694)	(\$31,769,921)
<b>TOTAL SELF INSURANCE FUNDS</b>	<b>(\$30,900,694)</b>	<b>(\$30,900,694)</b>	<b>(\$31,769,921)</b>
<b>SELF INSURANCE FUNDS - HEALTH</b>			
EMPLOYEE CONTRIBUTIONS - DENTAL	\$777,424	\$777,424	\$743,500
EMPLOYEE CONTRIBUTIONS - MEDICAL	\$7,550,362	\$7,550,362	\$7,402,203
EMPLOYER CONTRIBUTION - DENTAL	\$806,569	\$806,569	\$774,600
EMPLOYER CONTRIBUTION - MEDICAL	\$20,494,125	\$20,494,125	\$21,195,321
RETIREE/DISABLED RETIREE CONTRIBUTIONS	\$0	\$0	\$279,984
MISCELLANEOUS	\$810,000	\$810,000	\$305,500
<b>TOTAL SELF INSURANCE FUNDS - HEALTH</b>	<b>\$30,438,480</b>	<b>\$30,438,480</b>	<b>\$30,701,108</b>
<b>SELF INSURANCE FUNDS - RISK</b>			
SELF-INSURANCE (PROPERTY AND WORKERS COMP)	\$9,500,000	\$9,500,000	\$9,700,000
UNEMPLOYMENT CLAIMS	\$100,000	\$100,000	\$100,000
MISCELLANEOUS	\$100,000	\$100,000	\$100,000
REIMBURSEMENTS FROM OUTSIDE SOURCES	\$325,000	\$325,000	\$325,000
<b>TOTAL SELF INSURANCE FUNDS - RISK</b>	<b>\$10,025,000</b>	<b>\$10,025,000</b>	<b>\$10,225,000</b>
<b>TOTAL INTERNAL SERVICE FUNDS</b>	<b>\$9,952,586</b>	<b>\$9,952,586</b>	<b>\$9,992,840</b>
<b>TOTAL ALL FUNDS</b>	<b>\$995,636,594</b>	<b>\$605,648,479</b>	<b>\$933,111,553</b>

\*Includes actual revenues recognized on the modified accrual or accrual basis as of the date the adopted budget was prepared, plus estimated expenditures for the remainder of the fiscal year.

CITY OF SCOTTSDALE  
 Summary by Fund Type of Other Financing Sources/(Uses) and Interfund Transfers  
 Fiscal Year 2017/2018  
 Schedule D

Fund	Other Financing Sources/(Uses)	Adopted Interfund Transfers	
	2017/2018	IN	OUT
<b>GENERAL FUND</b>			
GENERAL FUND	\$0	\$9,116,167	\$20,584,437
<b>TOTAL GENERAL FUND</b>	<b>\$0</b>	<b>\$9,116,167</b>	<b>\$20,584,437</b>
<b>SPECIAL REVENUE FUNDS</b>			
GRANT FUNDS	\$0	\$0	\$3,800
PRESERVATION PRIVILEGE TAX FUNDS	\$0	\$0	\$35,734,473
SPECIAL PROGRAMS FUND	\$0	\$10,000	\$451,552
TOURISM DEVELOPMENT FUND	\$0	\$0	\$5,491,763
TRANSPORTATION FUND	\$0	\$300,000	\$10,491,407
<b>TOTAL SPECIAL REVENUE FUNDS</b>	<b>\$0</b>	<b>\$310,000</b>	<b>\$52,172,995</b>
<b>DEBT SERVICE FUNDS</b>			
DEBT	\$0	\$51,874,249	\$4,210,537
<b>TOTAL DEBT SERVICE FUNDS</b>	<b>\$0</b>	<b>\$51,874,249</b>	<b>\$4,210,537</b>
<b>CAPITAL PROJECT FUNDS</b>			
CAPITAL IMPROVEMENT PROGRAM	\$0	\$66,350,702	\$16,620,147
CAPITAL PROJECT FUND*	\$70,950,000	\$0	\$0
<b>TOTAL CAPITAL PROJECT FUNDS</b>	<b>\$70,950,000</b>	<b>\$66,350,702</b>	<b>\$16,620,147</b>
<b>ENTERPRISE FUNDS</b>			
AVIATION FUND	\$0	\$0	\$215,570
SOLID WASTE FUND	\$0	\$0	\$10,500
WATER AND SEWER UTILITY FUNDS	\$0	\$54,280,429	\$86,773,517
<b>TOTAL ENTERPRISE FUNDS</b>	<b>\$0</b>	<b>\$54,280,429</b>	<b>\$86,999,587</b>
<b>INTERNAL SERVICE FUNDS</b>			
FLEET MANAGEMENT FUND	\$0	\$0	\$1,571,544
SELF INSURANCE FUNDS - HEALTH	\$0	\$230,000	\$0
SELF INSURANCE FUNDS - RISK	\$0	\$0	\$2,300
<b>TOTAL INTERNAL SERVICE FUNDS</b>	<b>\$0</b>	<b>\$230,000</b>	<b>\$1,573,844</b>
<b>TOTAL ALL FUNDS</b>	<b>\$70,950,000</b>	<b>\$182,161,547</b>	<b>\$182,161,547</b>

\*Municipal Properties Corporation Bonds

**CITY OF SCOTTSDALE**  
**Summary by Division Expenditures/Expenses Within Each Fund Type**  
**Fiscal Year 2017/2018**  
**Schedule E**

Fund/Divisions	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>GENERAL FUND</b>				
MAYOR AND CITY COUNCIL	\$789,960	\$7,887	\$797,847	\$630,584
CITY ATTORNEY	\$7,074,203	\$142,822	\$7,217,025	\$6,854,484
CITY AUDITOR	\$913,455	\$16,729	\$930,184	\$908,926
CITY CLERK	\$1,033,601	\$16,434	\$1,050,035	\$757,912
CITY COURT	\$4,742,649	\$84,537	\$4,827,186	\$4,724,457
CITY MANAGER	\$1,303,590	\$19,233	\$1,322,823	\$2,432,791
CITY TREASURER	\$6,285,074	\$210,979	\$6,496,053	\$6,232,292
ADMINISTRATIVE SERVICES	\$17,066,162	\$604,823	\$17,670,985	\$17,110,377
COMMUNITY AND ECONOMIC DEVELOPMENT	\$25,778,927	\$351,259	\$26,130,186	\$24,054,328
COMMUNITY SERVICES	\$35,789,470	\$771,113	\$36,560,583	\$35,525,762
PUBLIC SAFETY - FIRE	\$35,873,511	\$1,073,564	\$36,947,075	\$37,094,259
PUBLIC SAFETY - POLICE	\$96,527,651	\$2,558,511	\$99,086,162	\$97,732,710
PUBLIC WORKS	\$21,092,624	\$168,892	\$21,261,516	\$11,925,387
DEBT SERVICE	\$2,858,946	\$0	\$2,858,946	\$2,874,458
ESTIMATED DIVISION SAVINGS	(\$3,876,000)	\$51	(\$3,875,949)	(\$3,953,520)
LEAVE ACCRUAL PAYMENTS	\$1,947,500	(\$1,571,513)	\$375,987	\$2,150,000
PAY PROGRAM	\$4,723,481	(\$4,705,931)	\$17,550	\$4,644,737
COMPENSATION ADJUSTMENTS	\$0	\$0	\$0	\$395,341
PARKER CASE RULING	\$0	\$0	\$0	\$7,783,645
UTILITIES	\$0	\$0	\$0	\$8,554,237
CONTINGENCY / RESERVE APPROPRIATION	\$28,992,500	\$247,173	\$0	\$29,843,300
<b>TOTAL GENERAL FUND</b>	<u>\$288,917,304</u>	<u>(\$3,437)</u>	<u>\$259,674,194</u>	<u>\$298,276,467</u>
<b>TOTAL GENERAL FUND</b>	<u>\$288,917,304</u>	<u>(\$3,437)</u>	<u>\$259,674,194</u>	<u>\$298,276,467</u>
<b>SPECIAL REVENUE FUNDS</b>				
<b>SPECIAL DISTRICTS</b>				
NON DIVISIONAL	\$623,566	\$0	\$623,566	\$623,765
<b>TOTAL SPECIAL DISTRICTS</b>	<u>\$623,566</u>	<u>\$0</u>	<u>\$623,566</u>	<u>\$623,765</u>
<b>SPECIAL PROGRAMS FUND</b>				
MAYOR AND CITY COUNCIL	\$500	\$0	\$500	\$7,500
CITY COURT	\$1,105,714	\$16,278	\$1,121,992	\$1,479,773
COMMUNITY AND ECONOMIC DEVELOPMENT	\$554,662	\$0	\$554,662	\$371,150
COMMUNITY SERVICES	\$2,761,341	\$16,472	\$2,777,813	\$2,700,630
PUBLIC SAFETY - FIRE	\$2,300	\$0	\$2,300	\$3,691
PUBLIC SAFETY - POLICE	\$1,940,115	\$5,493	\$1,945,608	\$1,751,154
PUBLIC WORKS	\$250,000	\$0	\$250,000	\$250,000
PAY PROGRAM	\$40,928	(\$39,507)	\$1,421	\$39,984
CONTINGENCY / RESERVE APPROPRIATION	\$1,500,000	\$0	\$0	\$1,500,000
<b>TOTAL SPECIAL PROGRAMS FUND</b>	<u>\$8,155,560</u>	<u>(\$1,264)</u>	<u>\$6,654,296</u>	<u>\$8,103,882</u>

CITY OF SCOTTSDALE  
 Summary by Division Expenditures/Expenses Within Each Fund Type  
 Fiscal Year 2017/2018  
 Schedule E

Fund/Divisions	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>TOURISM DEVELOPMENT FUND</b>				
MAYOR AND CITY COUNCIL	\$75,000	\$0	\$75,000	\$0
COMMUNITY AND ECONOMIC DEVELOPMENT	\$13,672,681	\$1,131,328	\$14,804,009	\$13,730,770
PAY PROGRAM	\$5,164	(\$5,164)	\$0	\$8,664
CONTINGENCY / RESERVE APPROPRIATION	\$2,500,000	(\$1,245,000)	\$0	\$2,500,000
<b>TOTAL TOURISM DEVELOPMENT FUND</b>	<b>\$16,252,845</b>	<b>(\$118,836)</b>	<b>\$14,879,009</b>	<b>\$16,239,434</b>
<b>GRANT FUNDS</b>				
CITY MANAGER	\$0	\$1,064,477	\$1,064,477	\$1,211,931
COMMUNITY AND ECONOMIC DEVELOPMENT	\$0	\$173,385	\$173,385	\$0
COMMUNITY SERVICES	\$9,755,843	\$984,071	\$10,739,914	\$10,711,785
PUBLIC SAFETY - FIRE	\$0	\$95,817	\$95,817	\$0
PUBLIC SAFETY - POLICE	\$390,672	\$544,448	\$935,120	\$161,540
PUBLIC WORKS	\$0	\$214,853	\$214,853	\$0
PAY PROGRAM	\$21,003	(\$19,186)	\$1,817	\$23,299
CONTINGENCY / RESERVE APPROPRIATION	\$7,523,038	(\$3,057,137)	\$0	\$4,526,101
<b>TOTAL GRANT FUNDS</b>	<b>\$17,690,556</b>	<b>\$728</b>	<b>\$13,225,383</b>	<b>\$16,634,656</b>
<b>TRANSPORTATION FUND</b>				
COMMUNITY AND ECONOMIC DEVELOPMENT	\$9,170,288	\$54,751	\$9,225,039	\$9,477,946
COMMUNITY SERVICES	\$1,450,671	\$0	\$1,450,671	\$1,574,301
PUBLIC WORKS	\$14,685,174	\$194,021	\$14,879,195	\$13,567,597
ESTIMATED DIVISION SAVINGS	(\$159,400)	\$0	(\$159,400)	(\$159,400)
LEAVE ACCRUAL PAYMENTS	\$51,100	(\$116,537)	(\$65,437)	\$51,100
PAY PROGRAM	\$151,560	(\$132,235)	\$19,325	\$155,804
UTILITIES	\$0	\$0	\$0	\$1,479,665
CONTINGENCY / RESERVE APPROPRIATION	\$3,034,900	\$0	\$0	\$3,114,701
<b>TOTAL TRANSPORTATION FUND</b>	<b>\$28,384,293</b>	<b>\$0</b>	<b>\$25,349,393</b>	<b>\$29,261,714</b>
<b>PRESERVATION PRIVILEGE TAX FUNDS</b>				
DEBT SERVICE	\$2,200	\$0	\$2,200	\$2,200
<b>TOTAL PRESERVATION PRIVILEGE TAX FUNDS</b>	<b>\$2,200</b>	<b>\$0</b>	<b>\$2,200</b>	<b>\$2,200</b>
<b>TOTAL SPECIAL REVENUE FUNDS</b>	<b>\$71,109,020</b>	<b>(\$119,372)</b>	<b>\$60,733,847</b>	<b>\$70,865,651</b>
<b>DEBT SERVICE FUNDS</b>				
<b>DEBT</b>				
DEBT SERVICE	\$85,331,404	\$0	\$85,331,404	\$86,033,213
CONTINGENCY / RESERVE APPROPRIATION	\$0	\$0	\$0	\$20,329,026
<b>TOTAL DEBT</b>	<b>\$85,331,404</b>	<b>\$0</b>	<b>\$85,331,404</b>	<b>\$106,362,239</b>
<b>TOTAL DEBT SERVICE FUNDS</b>	<b>\$85,331,404</b>	<b>\$0</b>	<b>\$85,331,404</b>	<b>\$106,362,239</b>

CITY OF SCOTTSDALE  
 Summary by Division Expenditures/Expenses Within Each Fund Type  
 Fiscal Year 2017/2018  
 Schedule E

Fund/Divisions	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>TRUST &amp; AGENCY FUNDS</b>				
<b>TRUSTS</b>				
MAYOR AND CITY COUNCIL	\$6,000	\$0	\$6,000	\$0
CONTINGENCY / RESERVE APPROPRIATION	\$10,000	\$0	\$0	\$0
<b>TOTAL TRUSTS</b>	<u>\$16,000</u>	<u>\$0</u>	<u>\$6,000</u>	<u>\$0</u>
<b>TOTAL TRUST &amp; AGENCY FUNDS</b>	<u>\$16,000</u>	<u>\$0</u>	<u>\$6,000</u>	<u>\$0</u>
<b>ENTERPRISE FUNDS</b>				
<b>SOLID WASTE FUND</b>				
CITY TREASURER	\$941,154	\$15,573	\$956,727	\$918,465
PUBLIC WORKS	\$18,935,302	\$97,406	\$19,032,708	\$18,184,191
ESTIMATED DIVISION SAVINGS	(\$115,013)	\$0	(\$115,013)	(\$118,463)
INDIRECT/DIRECT COST ALLOCATION	\$1,661,735	\$0	\$1,661,735	\$1,819,815
LEAVE ACCRUAL PAYMENTS	\$0	\$0	\$0	\$50,000
PAY PROGRAM	\$144,827	(\$114,489)	\$30,338	\$149,038
UTILITIES	\$0	\$0	\$0	\$29,500
CONTINGENCY / RESERVE APPROPRIATION	\$5,322,000	\$0	\$0	\$5,188,696
<b>TOTAL SOLID WASTE FUND</b>	<u>\$26,890,005</u>	<u>(\$1,510)</u>	<u>\$21,566,495</u>	<u>\$26,221,242</u>
<b>WATER AND SEWER UTILITY FUNDS</b>				
CITY TREASURER	\$2,242,080	\$40,724	\$2,282,804	\$2,136,143
WATER RESOURCES	\$61,927,922	\$410,434	\$62,338,356	\$63,918,663
DEBT SERVICE	\$30,252,338	\$0	\$30,252,338	\$34,700,282
ESTIMATED DIVISION SAVINGS	(\$1,130,000)	\$0	(\$1,130,000)	(\$1,152,600)
INDIRECT/DIRECT COST ALLOCATION	\$5,703,210	\$0	\$5,703,210	\$5,873,606
LEAVE ACCRUAL PAYMENTS	\$0	\$0	\$0	\$466,001
PAY PROGRAM	\$476,914	(\$463,048)	\$13,866	\$443,056
UTILITIES	\$16,281,900	\$0	\$16,281,900	\$16,329,312
CONTINGENCY / RESERVE APPROPRIATION	\$64,623,954	\$13,440	\$0	\$64,008,628
<b>TOTAL WATER AND SEWER UTILITY FUNDS</b>	<u>\$180,378,318</u>	<u>\$1,550</u>	<u>\$115,742,474</u>	<u>\$186,723,091</u>
<b>AVIATION FUND</b>				
COMMUNITY AND ECONOMIC DEVELOPMENT	\$3,116,340	\$29,418	\$3,145,758	\$2,663,163
DEBT SERVICE	\$1,014,936	\$0	\$1,014,936	\$1,821,000
ESTIMATED DIVISION SAVINGS	(\$30,000)	\$0	(\$30,000)	(\$30,000)
INDIRECT/DIRECT COST ALLOCATION	\$497,008	\$0	\$497,008	\$565,575
LEAVE ACCRUAL PAYMENTS	\$0	\$0	\$0	\$16,500
PAY PROGRAM	\$30,264	(\$29,458)	\$806	\$30,459
UTILITIES	\$0	\$0	\$0	\$145,420
CONTINGENCY / RESERVE APPROPRIATION	\$3,039,000	\$0	\$0	\$3,972,330
<b>TOTAL AVIATION FUND</b>	<u>\$7,667,548</u>	<u>(\$40)</u>	<u>\$4,628,508</u>	<u>\$9,184,447</u>
<b>TOTAL ENTERPRISE FUNDS</b>	<u>\$214,935,871</u>	<u>\$0</u>	<u>\$141,937,477</u>	<u>\$222,128,780</u>



CITY OF SCOTTSDALE  
 Summary by Division Expenditures/Expenses Within Each Fund Type  
 Fiscal Year 2017/2018  
 Schedule E

Fund/Divisions	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>INTERNAL SERVICE FUNDS</b>				
<b>SELF INSURANCE FUNDS - RISK</b>				
CITY TREASURER	\$8,988,553	\$25,069	\$9,013,622	\$9,035,686
PAY PROGRAM	\$21,020	(\$21,020)	\$0	\$21,327
CONTINGENCY / RESERVE APPROPRIATION	\$18,649,705	\$0	\$0	\$20,759,682
<b>TOTAL SELF INSURANCE FUNDS - RISK</b>	<b>\$27,659,278</b>	<b>\$4,049</b>	<b>\$9,013,622</b>	<b>\$29,816,695</b>
<b>FLEET MANAGEMENT FUND</b>				
PUBLIC WORKS	\$19,670,123	\$75,521	\$19,745,644	\$20,118,445
ESTIMATED DIVISION SAVINGS	(\$199,500)	\$0	(\$199,500)	(\$225,000)
INTERNAL SERVICE OFFSETS	(\$18,492,588)	\$0	(\$18,492,588)	(\$19,954,938)
LEAVE ACCRUAL PAYMENTS	\$33,200	(\$2,030)	\$31,170	\$50,000
PAY PROGRAM	\$80,551	(\$73,491)	\$7,060	\$84,856
CONTINGENCY / RESERVE APPROPRIATION	\$6,344,656	\$0	\$0	\$6,715,346
<b>TOTAL FLEET MANAGEMENT FUND</b>	<b>\$7,436,442</b>	<b>\$0</b>	<b>\$1,091,786</b>	<b>\$6,788,709</b>
<b>PC REPLACEMENT FUND</b>				
ADMINISTRATIVE SERVICES	\$1,281,400	\$0	\$1,281,400	\$709,200
INTERNAL SERVICE OFFSETS	(\$986,606)	\$0	(\$986,606)	(\$1,021,072)
CONTINGENCY / RESERVE APPROPRIATION	\$500,000	\$0	\$0	\$500,000
<b>TOTAL PC REPLACEMENT FUND</b>	<b>\$794,794</b>	<b>\$0</b>	<b>\$294,794</b>	<b>\$188,128</b>
<b>SELF INSURANCE FUNDS - HEALTH</b>				
ADMINISTRATIVE SERVICES	\$30,828,481	\$2,217	\$30,830,698	\$30,918,422
PAY PROGRAM	\$2,829	(\$2,829)	\$0	\$2,487
CONTINGENCY / RESERVE APPROPRIATION	\$7,822,158	\$0	\$0	\$8,002,447
<b>TOTAL SELF INSURANCE FUNDS - HEALTH</b>	<b>\$38,653,468</b>	<b>(\$612)</b>	<b>\$30,830,698</b>	<b>\$38,923,356</b>
<b>SELF INSURANCE FUNDS</b>				
INTERNAL SERVICE OFFSETS	(\$30,900,694)	\$0	(\$30,900,694)	(\$31,769,921)
<b>TOTAL SELF INSURANCE FUNDS</b>	<b>(\$30,900,694)</b>	<b>\$0</b>	<b>(\$30,900,694)</b>	<b>(\$31,769,921)</b>
<b>TOTAL INTERNAL SERVICE FUNDS</b>	<b>\$43,643,288</b>	<b>\$3,437</b>	<b>\$10,330,206</b>	<b>\$43,946,967</b>
<b>CAPITAL PROJECT FUNDS</b>				
<b>CAPITAL IMPROVEMENT PROGRAM</b>				
CAPITAL PROJECTS	\$641,035,063	\$0	\$178,339,642	\$522,604,656
CONTINGENCY / RESERVE APPROPRIATION	\$18,350,100	(\$18,350,100)	\$0	\$15,600,100
<b>TOTAL CAPITAL IMPROVEMENT PROGRAM</b>	<b>\$659,385,163</b>	<b>(\$18,350,100)</b>	<b>\$178,339,642</b>	<b>\$538,204,756</b>
<b>TOTAL CAPITAL PROJECT FUNDS</b>	<b>\$659,385,163</b>	<b>(\$18,350,100)</b>	<b>\$178,339,642</b>	<b>\$538,204,756</b>
<b>TOTAL ALL FUNDS</b>	<b>\$1,363,338,050</b>	<b>(\$18,469,472)</b>	<b>\$736,352,770</b>	<b>\$1,279,784,860</b>

\*Includes actual expenditures recognized on the modified accrual or accrual basis as of the date the adopted budget was prepared, plus estimated expenditures for the remainder of the fiscal year.

CITY OF SCOTTSDALE  
 Summary by Division of Expenditures/Expenses  
 Fiscal Year 2017/2018  
 Schedule F

Division/Fund	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>MAYOR AND CITY COUNCIL</b>				
GENERAL FUND	\$789,960	\$7,887	\$797,847	\$630,584
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$500	\$0	\$500	\$7,500
SPECIAL REVENUE FUND - TOURISM DEVELOPMENT	\$75,000	\$0	\$75,000	\$0
TRUST & AGENCY FUND - TRUSTS	\$6,000	\$0	\$6,000	\$0
<b>TOTAL MAYOR AND CITY COUNCIL</b>	<b>\$871,460</b>	<b>\$7,887</b>	<b>\$879,347</b>	<b>\$638,084</b>
<b>CITY ATTORNEY</b>				
GENERAL FUND	\$7,074,203	\$142,822	\$7,217,025	\$6,854,484
<b>TOTAL CITY ATTORNEY</b>	<b>\$7,074,203</b>	<b>\$142,822</b>	<b>\$7,217,025</b>	<b>\$6,854,484</b>
<b>CITY AUDITOR</b>				
GENERAL FUND	\$913,455	\$16,729	\$930,184	\$908,926
<b>TOTAL CITY AUDITOR</b>	<b>\$913,455</b>	<b>\$16,729</b>	<b>\$930,184</b>	<b>\$908,926</b>
<b>CITY CLERK</b>				
GENERAL FUND	\$1,033,601	\$16,434	\$1,050,035	\$757,912
<b>TOTAL CITY CLERK</b>	<b>\$1,033,601</b>	<b>\$16,434</b>	<b>\$1,050,035</b>	<b>\$757,912</b>
<b>CITY COURT</b>				
GENERAL FUND	\$4,742,649	\$84,537	\$4,827,186	\$4,724,457
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$1,105,714	\$16,278	\$1,121,992	\$1,479,773
<b>TOTAL CITY COURT</b>	<b>\$5,848,363</b>	<b>\$100,815</b>	<b>\$5,949,178</b>	<b>\$6,204,230</b>
<b>CITY MANAGER</b>				
GENERAL FUND	\$1,303,590	\$19,233	\$1,322,823	\$2,432,791
SPECIAL REVENUE FUND - GRANT	\$0	\$1,064,477	\$1,064,477	\$1,211,931
<b>TOTAL CITY MANAGER</b>	<b>\$1,303,590</b>	<b>\$1,083,710</b>	<b>\$2,387,300</b>	<b>\$3,644,722</b>
<b>CITY TREASURER</b>				
GENERAL FUND	\$6,285,074	\$210,979	\$6,496,053	\$6,232,292
ENTERPRISE FUND - SOLID WASTE	\$941,154	\$15,573	\$956,727	\$918,465
ENTERPRISE FUND - WATER AND SEWER UTILITY	\$2,242,080	\$40,724	\$2,282,804	\$2,136,143
INTERNAL SERVICE FUND - SELF INSURANCE - RISK	\$8,988,553	\$25,069	\$9,013,622	\$9,035,686
<b>TOTAL CITY TREASURER</b>	<b>\$18,456,861</b>	<b>\$292,345</b>	<b>\$18,749,206</b>	<b>\$18,322,586</b>
<b>ADMINISTRATIVE SERVICES</b>				
GENERAL FUND	\$17,066,162	\$604,823	\$17,670,985	\$17,110,377
INTERNAL SERVICE FUND - PC REPLACEMENT	\$1,281,400	\$0	\$1,281,400	\$709,200
INTERNAL SERVICE FUND - SELF INSURANCE - HEALTH	\$30,828,481	\$2,217	\$30,830,698	\$30,918,422
<b>TOTAL ADMINISTRATIVE SERVICES</b>	<b>\$49,176,043</b>	<b>\$607,040</b>	<b>\$49,783,083</b>	<b>\$48,737,999</b>
<b>COMMUNITY AND ECONOMIC DEVELOPMENT</b>				
GENERAL FUND	\$25,778,927	\$351,259	\$26,130,186	\$24,054,328
SPECIAL REVENUE FUND - GRANT	\$0	\$173,385	\$173,385	\$0
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$554,662	\$0	\$554,662	\$371,150
SPECIAL REVENUE FUND - TOURISM DEVELOPMENT	\$13,672,681	\$1,131,328	\$14,804,009	\$13,730,770
SPECIAL REVENUE FUND - TRANSPORTATION	\$9,170,288	\$54,751	\$9,225,039	\$9,477,946
ENTERPRISE FUND - AVIATION	\$3,116,340	\$29,418	\$3,145,758	\$2,663,163
<b>TOTAL COMMUNITY AND ECONOMIC DEVELOPMENT</b>	<b>\$52,292,898</b>	<b>\$1,740,141</b>	<b>\$54,033,039</b>	<b>\$50,297,357</b>

CITY OF SCOTTSDALE  
 Summary by Division of Expenditures/Expenses  
 Fiscal Year 2017/2018  
 Schedule F

Division/Fund	Adopted Budget Expenditures 2016/2017	Expenditure Adjustments Approved 2016/2017	Actual Expenditures 2016/2017*	Adopted Budget Expenditures 2017/2018
<b>COMMUNITY SERVICES</b>				
GENERAL FUND	\$35,789,470	\$771,113	\$36,560,583	\$35,525,762
SPECIAL REVENUE FUND - GRANT	\$9,755,843	\$984,071	\$10,739,914	\$10,711,785
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$2,761,341	\$16,472	\$2,777,813	\$2,700,630
SPECIAL REVENUE FUND - TRANSPORTATION	\$1,450,671	\$0	\$1,450,671	\$1,574,301
<b>TOTAL COMMUNITY SERVICES</b>	<b>\$49,757,325</b>	<b>\$1,771,656</b>	<b>\$51,528,981</b>	<b>\$50,512,478</b>
<b>PUBLIC SAFETY - FIRE</b>				
GENERAL FUND	\$35,873,511	\$1,073,564	\$36,947,075	\$37,094,259
SPECIAL REVENUE FUND - GRANT	\$0	\$95,817	\$95,817	\$0
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$2,300	\$0	\$2,300	\$3,691
<b>TOTAL PUBLIC SAFETY - FIRE</b>	<b>\$35,875,811</b>	<b>\$1,169,381</b>	<b>\$37,045,192</b>	<b>\$37,097,950</b>
<b>PUBLIC SAFETY - POLICE</b>				
GENERAL FUND	\$96,527,651	\$2,558,511	\$99,086,162	\$97,732,710
SPECIAL REVENUE FUND - GRANT	\$390,672	\$544,448	\$935,120	\$161,540
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$1,940,115	\$5,493	\$1,945,608	\$1,751,154
<b>TOTAL PUBLIC SAFETY - POLICE</b>	<b>\$98,858,438</b>	<b>\$3,108,452</b>	<b>\$101,966,890</b>	<b>\$99,645,404</b>
<b>PUBLIC WORKS</b>				
GENERAL FUND	\$21,092,624	\$168,892	\$21,261,516	\$11,925,387
SPECIAL REVENUE FUND - GRANT	\$0	\$214,853	\$214,853	\$0
SPECIAL REVENUE FUND - SPECIAL PROGRAMS	\$250,000	\$0	\$250,000	\$250,000
SPECIAL REVENUE FUND - TRANSPORTATION	\$14,685,174	\$194,021	\$14,879,195	\$13,567,597
ENTERPRISE FUND - SOLID WASTE	\$18,935,302	\$97,406	\$19,032,708	\$18,184,191
INTERNAL SERVICE FUND - FLEET MANAGEMENT	\$19,670,123	\$75,521	\$19,745,644	\$20,118,445
<b>TOTAL PUBLIC WORKS</b>	<b>\$74,633,223</b>	<b>\$750,693</b>	<b>\$75,383,916</b>	<b>\$64,045,620</b>
<b>WATER RESOURCES</b>				
ENTERPRISE FUND - WATER AND SEWER UTILITY	\$61,927,922	\$410,434	\$62,338,356	\$63,918,663
<b>TOTAL WATER RESOURCES</b>	<b>\$61,927,922</b>	<b>\$410,434</b>	<b>\$62,338,356</b>	<b>\$63,918,663</b>
<b>OTHER</b>				
CAPITAL PROJECTS	\$641,035,063	\$0	\$178,339,642	\$522,604,656
CONTINGENCY / RESERVE APPROPRIATION	\$168,212,011	(\$22,391,624)	\$0	\$184,809,203
DEBT SERVICE	\$119,459,824	\$0	\$119,459,824	\$125,431,153
ESTIMATED DIVISION SAVINGS	(\$5,509,913)	\$51	(\$5,509,862)	(\$5,638,983)
INDIRECT/DIRECT COST ALLOCATION	\$7,861,953	\$0	\$7,861,953	\$8,258,996
INTERNAL SERVICE OFFSETS	(\$50,379,888)	\$0	(\$50,379,888)	(\$52,745,931)
LEAVE ACCRUAL PAYMENTS	\$2,031,800	(\$1,690,080)	\$341,720	\$2,783,601
SPECIAL REVENUE FUND - SPECIAL DISTRICTS	\$623,566	\$0	\$623,566	\$623,765
PAY PROGRAM	\$5,698,541	(\$5,606,358)	\$92,183	\$5,603,711
COMPENSATION ADJUSTMENTS	\$0	\$0	\$0	\$395,341
PARKER CASE RULING	\$0	\$0	\$0	\$7,783,645
UTILITIES	\$16,281,900	\$0	\$16,281,900	\$26,538,134
<b>TOTAL OTHER</b>	<b>\$905,314,857</b>	<b>(\$29,688,011)</b>	<b>\$267,111,038</b>	<b>\$826,447,291</b>
<b>TOTAL ALL FUNDS</b>	<b>\$1,363,338,050</b>	<b>(\$18,469,472)</b>	<b>\$736,352,770</b>	<b>\$1,279,784,860</b>

\*Includes actual expenditures recognized on the modified accrual or accrual basis as of the date the adopted budget was prepared, plus estimated expenditures for the remainder of the fiscal year.

CITY OF SCOTTSDALE  
 Full-Time Employees and Personnel Compensation  
 Fiscal Year 2017/2018  
 Schedule G

Fund	Full-Time Equivalent (FTE) 2017/2018	Employee Salaries and Hourly Costs 2017/2018	Retirement Costs 2017/2018	Healthcare Costs 2017/2018	Other Benefit Costs 2017/2018	Total Adopted Personnel Compensation 2017/2018
<b>GENERAL FUND</b>						
GENERAL FUND	1,964.07	\$143,509,547	\$26,914,438	\$17,363,289	\$9,694,414	\$197,481,688
<b>TOTAL GENERAL FUND</b>	<b>1,964.07</b>	<b>\$143,509,547</b>	<b>\$26,914,438</b>	<b>\$17,363,289</b>	<b>\$9,694,414</b>	<b>\$197,481,688</b>
<b>SPECIAL REVENUE FUNDS</b>						
GRANT FUNDS	15.33	\$737,689	\$80,822	\$128,664	\$58,696	\$1,005,871
SPECIAL PROGRAMS FUND	31.54	\$1,329,544	\$133,038	\$135,024	\$102,891	\$1,700,497
TOURISM DEVELOPMENT FUND	2.00	\$195,814	\$16,552	\$23,568	\$11,151	\$247,085
TRANSPORTATION FUND	84.50	\$4,828,432	\$597,496	\$816,480	\$414,614	\$6,657,022
<b>TOTAL SPECIAL REVENUE FUNDS</b>	<b>133.37</b>	<b>\$7,091,479</b>	<b>\$827,908</b>	<b>\$1,103,736</b>	<b>\$587,352</b>	<b>\$9,610,475</b>
<b>ENTERPRISE FUNDS</b>						
AVIATION FUND	15.47	\$982,021	\$108,665	\$105,336	\$76,524	\$1,272,546
SOLID WASTE FUND	92.84	\$5,404,583	\$543,526	\$932,040	\$381,738	\$7,261,887
WATER AND SEWER UTILITY FUNDS	225.47	\$15,101,228	\$1,713,328	\$2,274,468	\$1,178,283	\$20,267,307
<b>TOTAL ENTERPRISE FUNDS</b>	<b>333.78</b>	<b>\$21,487,832</b>	<b>\$2,365,519</b>	<b>\$3,311,844</b>	<b>\$1,636,545</b>	<b>\$28,801,740</b>
<b>INTERNAL SERVICE FUNDS</b>						
FLEET MANAGEMENT FUND	51.00	\$2,854,190	\$338,617	\$544,848	\$237,267	\$3,974,922
SELF INSURANCE FUNDS - HEALTH	0.00	\$98,052	\$0	\$0	\$0	\$98,052
SELF INSURANCE FUNDS - RISK	9.00	\$649,822	\$70,396	\$65,688	\$49,798	\$835,704
<b>TOTAL INTERNAL SERVICE FUNDS</b>	<b>60.00</b>	<b>\$3,602,064</b>	<b>\$409,013</b>	<b>\$610,536</b>	<b>\$287,065</b>	<b>\$4,908,678</b>
<b>TOTAL ALL FUNDS</b>	<b>2,491.22</b>	<b>\$175,690,922</b>	<b>\$30,516,878</b>	<b>\$22,389,405</b>	<b>\$12,205,376</b>	<b>\$240,802,581</b>

## ORDINANCE NO. 4312

AN ORDINANCE OF THE CITY OF SCOTTSDALE, MARICOPA COUNTY, ARIZONA, LEVYING UPON THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE CITY OF SCOTTSDALE SUBJECT TO TAXATION, A CERTAIN SUM UPON EACH ONE HUNDRED DOLLARS (\$100.00) OF ASSESSED VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE REQUIRED IN THE ANNUAL BUDGET, LESS THE AMOUNT ESTIMATED TO BE RECEIVED FROM OTHER SOURCES OF REVENUE; FIXING THE PRIMARY PROPERTY TAX RATE AND SECONDARY PROPERTY TAX RATE; PROVIDING FUNDS FOR THE VARIOUS BOND REDEMPTIONS FOR THE PURPOSE OF PAYING PRINCIPAL OF AND INTEREST UPON BONDED INDEBTEDNESS; AND PROVIDING FUNDS FOR GENERAL MUNICIPAL EXPENSES; ALL FOR THE FISCAL YEAR ENDING THE 30TH DAY OF JUNE, 2018.

WHEREAS, by the provisions of the City Charter and State statute, an ordinance is required to set the property tax levy for the fiscal year beginning July 1, 2017, and ending June 30, 2018; and

WHEREAS, the County of Maricopa is the assessing and collecting authority for the City of Scottsdale; and

WHEREAS, the required public hearing was held on June 13, 2017, and the City Council made the following policy decisions relating to the primary property taxes:

- a. Accepted increasing the levy by the two percent (2%) maximum legal amount; and
- b. Increased the levy amount to account for one million forty-six thousand six hundred twenty-four dollars (\$1,046,624) for tort claim payments for calendar year 2016; now, therefore,

BE IT ORDAINED by the Council of the City of Scottsdale as follows:

Section 1. The foregoing recitals are incorporated as if fully set forth herein.

Section 2. There is hereby levied on each one hundred and no/100 dollars (\$100.00) of assessed valuation of all property, both real and personal, within the corporate limits of the City of Scottsdale, except such property as may be by law exempt from taxation, a primary property tax levy not to exceed the maximum levy allowed by law for the fiscal year ending June 30, 2018, and allowable tort liability claims. The total primary levy is twenty-eight million two hundred forty-three thousand seven hundred thirty-six dollars (\$28,243,736), resulting in a tax rate of \$0.4956 per one hundred and no/100 dollars (\$100.00) of assessed value. Said figure is subject to change only if a court decision were to reduce the net assessed valuation in a significant manner.

Section 3. In addition to the rate set in Section 1 hereinbefore, there is hereby levied on each one hundred and no/100 dollars (\$100.00) of assessed valuation of all property, both real and personal, within the corporate limits of the City of Scottsdale, except such property as may be by law exempt from taxation, a secondary property tax rate of \$0.5889 per one hundred and no/100 dollars (\$100.00) of assessed value, which is a rate sufficient to raise the sum of thirty-three million five hundred fifty-eight thousand nine hundred sixty-four dollars (\$33,558,964) for the purpose of providing a bond interest and redemption fund for General Obligation debt service for the fiscal year ending June 30, 2018.

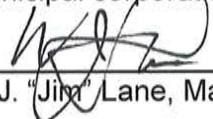
Section 4. Failure by the county officials of Maricopa County, Arizona, to properly return the delinquent list, any irregularity in assessments or omission in the same, or any irregularity in any proceedings shall not invalidate such proceedings or invalidate any title conveyed by any tax deed; failure or neglect of any officer(s) to timely perform any of the assigned duties shall not invalidate any proceedings or any deed or sale pursuant thereto; the validity of the assessment or levy of taxes or of the judgment or sale by which the collection of the same may be enforced shall not affect the lien of the City of Scottsdale upon such property for the delinquent taxes unpaid thereon, and no overcharge as to part of the taxes or of costs shall invalidate any proceedings for the collection of taxes or the foreclosure; and all acts of officers de facto shall be valid as if performed by officers de jure.

Section 5. The City Clerk or designee is hereby authorized and directed to transmit a certified copy of this ordinance to the Maricopa County Assessor and the Maricopa County Board of Supervisors.

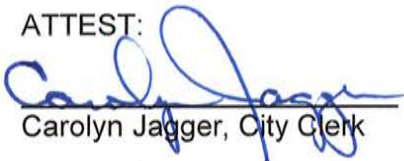
Section 6. All ordinances and parts of ordinances in conflict herewith are hereby repealed.

PASSED AND ADOPTED by the Council of the City of Scottsdale, Maricopa County, Arizona, this 27th day of June 2017.


CITY OF SCOTTSDALE, an Arizona municipal corporation

  
\_\_\_\_\_  
W.J. "Jim" Lane, Mayor

ATTEST:

  
\_\_\_\_\_  
Carolyn Jagger, City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Bruce Washburn, City Attorney  
By: Kimberly McIntier, Assistant City Attorney

ACJIS	Arizona Criminal Justice Information System
ACP	Asbestos Cement Pipe
ADA	Americans with Disabilities Act
ADEQ	Arizona Department of Environmental Quality
ADOT	Arizona Department of Transportation
ADWR	Arizona Department of Water Resources
AED	Automated External Defibrillators
AIPP	Art in Public Places
AMI/AMR	Advanced Metering Infrastructure/Automatic Meter Reading
AMWUA	Arizona Municipal Water Users Association
APRA	Arizona Parks & Recreation Association
APS	Arizona Public Service
AR	Administrative Regulations
ARS	Arizona Revised Statutes
ASRS	Arizona State Retirement System
ASST	Assistant
ASUF	Arizona State University Foundation
AWT	Advanced Water Treatment
AZSTA	Arizona Sports and Tourism Authority
BDA	Bi-Directional Amplifier
C&ED	Community & Economic Development
CALEA	Commission on Accreditation of Law Enforcement Agency
CAFR	Comprehensive Annual Financial Report
CAO	Community Assistance Office
CAP	Central Arizona Project
CAWCD	Central Arizona Water Conservation District
CCTV	Closed Circuit Television
CDBG	Community Development Block Grant
CDL	Commercial Driver's License
CEF	Court Enhancement Fund
CFD	Community Facility District
CFO	Chief Financial Officer
CGTF	Central Groundwater Treatment Facility
CIP	Capital Improvement Plan
CNG	Compressed Natural Gas
COBRA	Consolidated Omnibus Budget Reconciliation Act
COR	Cost of Risk
COS	City of Scottsdale
CPM	Capital Project Management
CPR	Cardiopulmonary Resuscitation
CPSM	Center for Public Safety Management
CVB	Convention and Visitor's Bureau
DMS	Document Management System
DT	Downtown
DUI	Driving Under the Influence
DV	Domestic Violence
ESRI	Environmental Systems Research Institute
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration

FBI	Federal Bureau of Investigation
FCV	Full Cash Value
FEMA	Federal Emergency Management Agency
FT	Full Time
FTE	Full Time Equivalents
FTG	Fill The Gap
FY	Fiscal Year
GAAP	Generally Accepted Accounting Principles
GASB	Governmental Accounting Standards Board
GFOA	Government Finance Officers Association
GIS	Geographic Information System
GO	General Obligation
HEAT	High Enforcement Arrest Team
HOA	Home Owners Association
HR	Human Resources
HUD	U.S. Department of Housing and Urban Development
HURF	Highway User Revenue Fund
HVAC	Heating, Ventilation, and Air Conditioning
HVID	Harquahala Valley Irrigation District
IAS	Information Access System
IBNR	Incurred But Not Reported
ICMA	International City/County Management Association
ID	Improvement District
IDA	Industrial Development Authority
IEDC	International Economic Development Council
IFR	Instrument Flight Rules
IGA	Intergovernmental Agreement
ISO	Insurance Service Organization
IT	Information Technology
ITD	Inception to Date
ITS	Intelligent Transportation System
IWDS	Irrigation Water Distribution System
JAAB	Judicial Appointments Advisory Board
JCEF	Judicial Collections Enhancement Fund
JSA	Job Safety Analysis
LED	Light-Emitting Diode
LIMS	Laboratory Information Management System
MAG	Maricopa Association of Governments
MCFCDD	Maricopa County Flood Control District
MCSD	Maricopa County Stadium District
MGR	Manager
MIHP	Mobile Integrated Healthcare Practice
MPC	Municipal Property Corporation
MS4	Municipal Separate Storm Sewer System
NACSLB	National Advisory Council on State and Local Budgeting
NIBW	North Indian Bend Wash
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
OPS	Operations



OSB	Operations Services Bureau
OSHA	Occupational Safety and Health Administration
PAYGO	Pay-As-You-Go
PC	Personal Computer
PCI	Pavement Condition Index
PD	Police Department
PRR	Public Records Request
PSPRS	Public Safety Personnel Retirement System
PT	Part Time
Q1/2/3/4	Quarters 1, 2, 3 and/or 4
REACT	Regional Emergency Action Coordinating Team
REP	Representative
REV	Revenue
RFID	Radio Frequency Identification Device
RFP	Request for Proposal
RFQ	Request for Quote
RICO	Racketeering Influenced Corrupt Organizations
ROW	Right of Way
RWDS	Reclaimed Water Distribution System
SB	Senate Bill
SCA	Shared Computer Activation
SCADA	Supervisory Control and Data Acquisition
SCPA	Scottsdale Center for the Performing Arts
SDS	Safety Data Sheets
SOD	Special Operations Division
SPA	Scottsdale Preserve Authority
SR	Senior
SRO	Salt River Outfall
SROG	Sub Regional Operating Group
SRP	Salt River Project
SRPMIC	Salt River Pima-Maricopa Indian Community
STARS	Scottsdale Training and Rehabilitation Services
SVC	Service
SW	Software
SWAT	Special Weapons and Tactics
TMP	Technology Master Plan
TNEC	Tony Nelssen Equestrian Center
TPC	Tournament Players Club
TPT	Transaction Privilege Tax
UCR	Uniform Clearance Rates
USAI	Urban Areas Securities Initiative
VHF	Very High Frequency
WAN	Wide Area Network
WIIP	Water Infrastructure Improvement Plan
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant
YTD	Year to Date

**Accrual Basis** – A basis of accounting whereby transactions are recognized when they are incurred, as opposed to when cash is received or paid.

**Actual** – As used in the fund summaries and division summaries within the budget document, represents the actual costs results of operations. This category is presented on a modified accrual basis, with the exception that depreciation and amortization are not budgeted and principal payments on debt in the enterprise funds are budgeted as expenses.

**Adopted** – As used in the fund summaries and division summaries within the budget document, represents the budget as approved by formal action of the City Council.

**Appropriation** – An authorization made by the City Council, which permits the city to incur obligations and to expend resources for specific purposes.

**Assessed Valuation** – A value that is established annually by the county assessor for real and personal property as a basis for levying taxes.

**Balanced Budget** – Arizona State law requires a “balanced” budget, which is “all-inclusive”. Arizona State Revised Statute (42-17151) defines a “balanced” budget as follow:

*“Fix, levy and assess the amount to be raised from primary property taxation and secondary property taxation. This amount, plus all other sources of revenue, as estimated, and unencumbered balances from the preceding fiscal year, shall equal the total of amounts proposed to be spent in the budget for the current fiscal year.”*

Under Arizona State law “all-inclusive” means if an item is not budgeted (i.e. does not have an appropriation), it cannot legally be spent during the fiscal year. Therefore, the budget must include sufficient appropriation provisions for expenditures related to revenues (e.g., possible future grants) that cannot be accurately determined or even anticipated when the budget is adopted in June. This budgetary flexibility allows the city to comply with the Arizona state law and to pro-actively pursue emerging revenue sources as the budget year unfolds. The contingent expenditure appropriations associated with items such as possible future grants/revenues may not be spent without prior City Council approval during a public meeting.

**Base Budget** – Cost of continuing the existing levels of service in the current budget year.

**Beginning Balance** – The residual funds brought forward from the previous fiscal year (ending balance).

**Bond 2000** – General Obligation Bonds that were authorized by voters in calendar year 2000 and are secured by the full faith and credit of the issuer. General Obligation Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power, and must be authorized by the electorate.

**Bond 2015** – General Obligation Bonds that were authorized by voters in calendar year 2015 and are secured by the full faith and credit of the issuer. General Obligation Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power, and must be authorized by the electorate.

**Bond Funds** – Established to account for bond proceeds to be used only for approved bond projects.

**Bonds** – Debt instruments, which require repayment of a specified principal amount on a certain date (maturity date), together with interest at a stated rate or according to a formula for determining the interest rate.

**Bond Rating** – The measure of the quality and safety of a bond. It indicates the likelihood that a debt issuer will be able to meet scheduled repayments and dictates the interest rate paid.

**Budget** – A plan of financial operation embodying an estimate of proposed expenditures and the means of financing them. Used without any modifier, the term usually indicates a financial plan for a single fiscal year. In practice, the term budget is used in two ways. Sometimes it designates the financial plan presented for adoption and other times it designates the plan finally approved. It is usually necessary to specify whether the budget under consideration is preliminary and tentative, or whether the appropriating body has approved it.

**Budget Calendar** – The schedule of key dates, which a government follows in the preparation and adoption of the budget.

**Budgetary Basis** – Budgets are adopted on a basis consistent with generally accepted accounting principles (GAAP), with the exception that (1) no depreciation is budgeted for proprietary funds; and (2) bond principal in the enterprise funds is subject to appropriation. The budgetary basis of accounting is used to present all proposed budget and forecast amounts in the budget document to facilitate meaningful comparisons.

**Capital Expenditures** – The city defines a capital expenditure as using the following three criteria: (1) relatively high monetary values (equal to or greater than \$25,000), (2) long asset life (equal to or greater than five years of useful life, and (3) results in the creation of a capital asset, or the revitalization of a capital asset.

**Capital Improvement Funds** – Established to account for financial resources to be used for the acquisition or construction of major capital facilities. The city maintains several capital project funds to ensure appropriate legal compliance and financial management for various restricted revenues.

**Capital Improvement Plan (CIP)** – A comprehensive plan that annually forecasts the capital needs of the City of Scottsdale for a period of five years. The CIP is essential to the city's comprehensive financial planning process and fundamental in upholding the city's sound infrastructure. The annual adopted capital budget is derived from the CIP five-year forecast.

**Capital Outlay** – Includes the purchase of land, the purchase or construction of buildings, structures, and facilities of all types, and the acquisition of machinery and equipment. It includes expenditures that result in the acquisition or addition of a fixed asset or increase the capacity, efficiency, span of life, or economy of operating an existing fixed asset. For an item to qualify as a capital outlay expenditure it must meet all of the following requirements: (1) have an estimated useful life of more than two years; (2) typically have a unit cost of \$10,000 or more; and (3) be a betterment or improvement. Replacement of a capital item is classified as a capital outlay under the same code as the original purchase. Replacement or repair parts are classified under commodities.

**Capital Project** – Any project having assets of significant value and having a useful life of five years or more. Capital projects include the purchase of land, design, engineering and construction of buildings, and infrastructure items such as streets, bridges, drainage, street lighting, and water systems.

**Commodities** – Expendable items purchased through the city-approved centralized purchasing process. Examples of commodities include supplies, repair and replacement parts, and small tools.

**Community Facilities Districts (CFD)** – CFDs are special purpose public improvement districts. By utilizing a variety of public funding options such as bonds, special assessments, taxes and user fees, CFDs provide a mechanism to finance public infrastructure, the operation and maintenance of public infrastructure, and enhanced municipal services in qualifying areas.

**Contingency** – A budgetary reserve set aside for emergencies or unforeseen expenditures not otherwise budgeted.

**Contracts Payable** – A liability reflecting amounts due on contracts of goods or services furnished to the city.

**Contractual Services** – Expenditures for services performed by non-city firms or individuals, or by other city divisions.

**Cost Center** – An organizational budget/operating unit within each city division.

**Court Enhancement Fund** – A fund to accumulate fees imposed by the City Court on fines, sanctions, penalties and assessments for the purpose of enhancing the technological, operational and security capabilities of the City Court.

**Debt Service** – Payment of principal, interest, and related service charges on obligations resulting from the issuance of bonds.

**Debt Service Funds** – Established to account for the accumulation of resources and for the payment of general long-term debt principal and interest that are not serviced by the General, Special Revenue, or Enterprise Funds. It does not include contractual obligations accounted for in the individual funds.

**Department** – A functional unit within a division consisting of one or more cost centers engaged in activities supporting the unit's mission and objectives.

**Division** – The combination of departments and programs of the city with a specific and unique set of goals and objectives (i.e., Public Safety, Community Services, etc.).

**Ending Balance** – The residual funds that are spendable or available for appropriation at the end of the fiscal year.

**Enterprise Capital Funds** – Used to account for utility rates and development fees for specific projects.

**Enterprise Funds** – Established to account for operations, including debt service that are financed and operated similarly to private businesses - where the intent is the service is self-sufficient, with all costs supported predominantly by user charges. The city maintains three Enterprise Funds to account for Water & Water Reclamation, Solid Waste, and Aviation activities.

**Estimate** – Represents the original adopted budget plus any contingency transfers, approved changes, and anticipated year-end savings.

**Excise Debt** – Represents debt that is repaid by excise taxes. In this case, the excise taxes used to fund the debt service payments are a portion of the sales tax and transient occupancy tax.

**Expenditure** – Outlay of funds for obtaining assets or goods and services. Expenditures represent decreases in net financial resources.

**Expenditure Limitation** – An amendment to the Arizona State Constitution limiting annual expenditures for all municipalities. The Arizona Economic Estimates Commission sets the limit based on population growth and inflation.

**Fees** – Charges for specific services.

**Financial Policy** – A government's directive with respect to operating, capital and reserve management and financial reporting related to services provided, programs and capital investment. Financial policy provides an agreed upon set of principles for the planning and programming of government budgets and their funding.

**Fiscal Year** – A twelve-month period designated as the operating year for accounting and budgeting purposes in an organization. The City of Scottsdale's fiscal year is July 1 through June 30.

**Five-Year Financial Plan** – An estimation of sources and uses required by the city to operate for the next five-year period.

**Fleet Charges** – Represents fees charged to other areas of the city for the maintenance, repair, and replacement of city vehicles. The fee for these charges is returned to the fleet management internal service fund as revenue.

**Forecast** – A prediction of a future outcome based on known and unknown factors.

**Franchise Fee** – Annual fees paid by utilities (electricity, cable TV and natural gas) for the use of city public rights of way. Franchise fees are also paid by the city's Water and Water Reclamation Funds, as a reimbursement to the General Fund for the utility's use of city streets and right of ways. Franchise fees are typically a set percentage of gross revenue within the city.

**Fringe Benefits** – Contributions made by a government to meet commitments or obligations for employee-related expenses. Included is the government's share of costs for social security and the various pension, medical, and life insurance plans.

**Full-Time Equivalent (FTE)** – A calculation used to convert part-time hours to equivalent full-time positions. Full-time employee salaries are based on 2,080 hours per year. The full-time equivalent of a part-time employee is calculated by dividing the number of hours budgeted by 2,080.

**Full Cash Value** – Arizona Revised Statutes defines full cash value (FCV) as being synonymous with market value. For assessment purposes, full cash value approximates market value. *Also see secondary assessed valuation.*

**Fund** – A fiscal and accounting entity with a self-balancing set of accounts. Records cash and other financial resources together with all related liabilities and residual equities or balances and changes therein. Funds are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

**Fund Balance** – The balance of net financial resources that are spendable or available for appropriation. As used in the budget, the excess of sources (revenues and cash transfers-in) over uses (expenditures, debt service, and cash transfers-out). The beginning fund balance is the residual funds brought forward from the previous fiscal year. The fund balance is comprised of a reserved fund balance and an undesignated, unreserved fund balance. The reserved fund balance is restricted for specific purposes, while the unreserved fund balance is not restricted for a specific purpose and is available for general appropriation.

**Fund Summary** – A combined statement of sources, uses, and changes in fund balance showing the prior year's actual, adopted, estimated budgets, and the current year's adopted budgets.

**GAAP Adjustments** – Differences arising from the use of a basis of accounting for budgetary purposes that differ from Generally Accepted Accounting Principles (GAAP). For example, depreciation and amortization in Enterprise Funds are not considered expenses on the budget basis of accounting, but are considered expenses on the GAAP basis.

**General Fund** – Primary operating fund of the city. It exists to account for the resources devoted to finance the services traditionally associated with local government. Included in these services are police and fire protection, parks and recreation, planning and economic development, general administration of the city, and any other activity for which a special fund has not been created.

**General Long-Term Debt** – Represents any unmatured debt not considered to be a fund liability.

**General Obligation Bonds (GO Bonds)** – Bonds secured by the full faith and credit of the issuer. GO bonds issued by local units of government are secured by a pledge of the issuer's property taxing power (secondary portion). They are usually issued to pay for general capital improvements such as parks and roads.

**Generally Accepted Accounting Principles (GAAP)** – The uniform minimum standards and guidelines to financial accounting and reporting, which govern the form and content of the basic financial statements of an entity. GAAP encompass the conventions, rules, and procedures necessary to define the accepted accounting practices at a particular time. They include both broad guidelines of general application and detailed practices and procedures. In addition, GAAP provides standards by which to measure financial presentations.

**Goal** – A statement of broad direction, purpose or intent based on the needs of the community. A goal is general and timeless.

**Grant** – A contribution by one government unit or funding source to another. The contribution is usually made to aid in the support of a specified function (i.e., education or drug enforcement), but it is sometimes for general purposes.

**Grant Capital Funds** – Used to account for the proceeds of capital grants.

**House Bill 2111 (HB 2111)** – The Arizona Department of Revenue (ADOR) simplified the transaction privilege tax, by centralizing the administration and collection of local business sales tax. Once revenue is received, ADOR will distribute the sales tax to the appropriate cities.

**Highway User Fuel Tax (HURF)**– Gasoline tax shared with municipalities; a portion is distributed based upon the population of the city and a portion is distributed based upon the origin of the sales of the fuel. The Arizona State Constitution requires that this revenue be used solely for street and highway purposes.

**Improvement Districts** – Consists of property owners desiring improvements to their property. Bonds are issued to finance these improvements, which are repaid by assessments on affected property. Improvement District debt is paid for by a compulsory levy (special assessment) made against certain properties to defray all or part of the cost of a specific capital improvement or service deemed to benefit primarily those properties.

**Indirect Cost Allocation** – Funding transferred to the General Fund from Enterprise Funds for specific central administrative functions, which benefit those funds (i.e., City Manager, Information Technology, Human Resources, City Attorney, etc.).

**Intergovernmental Revenues** – Revenues levied by one government but shared on a predetermined basis with another government or class of governments.

**Internal Service Fund** – Established to account for the financing, on a cost-reimbursement basis, of commodities or services provided by one service area for the benefit of other service areas within the city. The city maintains Internal Service Funds to account for fleet, PC replacement and self-insurance activities.

**Limited Property Value** – The limited property value is calculated according to a statutory formula mandated by the Arizona State Legislation and cannot exceed the full cash value (also known as secondary assessed valuation). *Also see primary assessed valuation.*

**Mission** – Defines the primary purpose of the city and is intended to guide all organizational decisions, policies, and activities (internal and external) on a daily basis.

**Municipal Property Corporation (MPC)** – A non-profit corporation established to issue bonds to fund City capital improvements projects.

**Needs Assessment** – The foundation for determining what city customers feel is needed. Market surveys, public hearings, and boards and commission surveys are conducted to obtain this information.

**Objective** – Something to be accomplished in specific, well-defined, and measurable terms, and that is achievable within a specific time frame.

**Operating Budget** – The plan for current expenditures and the proposed means of financing them. The annual operating budget is the primary means by which most of the financing, acquisition, spending, and service delivery activities of a government are controlled. The use of annual operating budgets is required by law in Arizona and is a requirement of Scottsdale's City Charter.

**Operating Revenue** – Funds that the government receives as income to pay for ongoing operations. It includes such items as taxes, fees from specific services, interest earnings, and grant revenues. Operating revenues are used to pay for day-to-day services.

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

**Other Fiscal Activity** – Refers to various trust and agency funds used to account for assets held by the city in a trustee capacity or as an agent for individuals, other governmental units, and other funds.

**Outstanding Debt** – The balance due at any given time resulting from the borrowing of money or from the purchase of goods and services.

**Pay-As-You-Go Capital Improvement Projects (PAYGO)** – Capital projects whose funding source is derived from city revenue sources other than through the sale of voter-approved bonds.

**Performance Measure** – Data collected to determine how effective or efficient a service area is in achieving its objectives.

**Personnel Services** – Includes the compensation paid periodically to employees plus employee fringe benefit costs, such as the city's contributions to retirement,

social security, health and life insurance. It also includes fees paid to elected officials, election judges, and clerks.

**Preserve Bonds** – Represent excise tax revenue bonds and GO bonds. The bonds are special revenue obligations of the Scottsdale Preserve Authority payable solely from and secured by either a 0.20 percent sales tax approved by city voters in 1995 and issued for the purpose of acquiring land for the Scottsdale McDowell Sonoran Preserve or a 0.15 percent sales tax approved by city voters in 2004 and issued for the purpose of acquiring land and construction of essential preserve related necessities such as proposed trailheads for the Scottsdale McDowell Sonoran Preserve.

**Primary Assessed Valuation (Limited Property Value)** – In Arizona, the primary assessed valuation is used to compute primary taxes for the maintenance and operation of school districts, community college districts, municipalities, counties, and the state. The limited property value is calculated according to a statutory formula mandated by the Arizona state legislation and cannot exceed the full cash value (also known as secondary assessed valuation).

**Primary Assessment** – The amount of tax calculated according to a statutory formula based on the primary assessed valuation.

**Primary Property Tax** – Levied for the purpose of funding general government operations. Annual increases are limited to two percent of the previous year's maximum allowable primary property tax levy plus allowances for new construction and annexation of new property and tort litigation settlements.

**Program** – A group of related activities performed by one or more organizational units for the purpose of accomplishing a function for which the city is responsible. .

**Property Tax** – Calculated according to value of property and is used as the source of monies to support the General Fund (primary property tax) and to pay general obligation debt (secondary property tax). Each year the Maricopa County Assessor's Office determines the value of all property, commercially and privately owned, within the county. These assessment values are then used on a pro-rata basis for levying property taxes. Property taxes are paid twice a year. The first half is due on October 1<sup>st</sup> and the second half is due on the following March 1<sup>st</sup>.

**Proposition 400 (Regional Sales Tax)** – Represents revenues received from the 2004 voter approved 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction.

**Racketeered Influenced Corrupt Organizations (RICO) Funds** – Funds obtained from an anti-racketeering revolving fund maintained by either the federal or state government as a result of asset forfeitures from criminal enterprises. These monies are allocated to municipalities for approved non-recurring public safety expenditures.

**Refunding** – A procedure whereby an issuer refinances an outstanding bond issue by issuing new bonds. There are generally two major reasons for refunding: (1) to reduce the issuer's interest costs or (2) to remove a burdensome or restrictive covenant imposed by the terms of the bonds being refinanced. The proceeds of the new bonds are either deposited into escrow to pay the debt service on the outstanding obligations when due, or they are used to immediately retire the outstanding obligations. The new obligations are referred to as the refunding bonds and the outstanding obligations being refinanced are referred to as the refunded bonds or the prior issue.

**Regional Sales Tax (Proposition 400)** – Represents revenues received from the 2004 voter approved 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction.

**Reserve** – An account which records a portion of the fund balance segregated for some future use and which is, therefore, not available for further appropriation or expenditure.

**Revenue Bonds** – Bonds payable from a specific source of revenue, which do not pledge the full faith, and credit of the issuer. Revenue bonds are payable from identified sources of revenue and do not affect the property tax rate. Pledged revenues may be derived from operation of the financed project, grants, excise, or other specified non-property tax.

**Sales Tax** – A tax on goods and services. Scottsdale levies a 1.1 percent sales tax, of which 0.10 percent is dedicated to public safety. The remaining 1.0 percent of the sales tax is available to fund basic municipal services such as police, fire, libraries, and parks. Sales tax receipts received in the current month are based on prior month activity.

**Secondary Assessed Valuation (Full Cash Value)** – In Arizona, the secondary assessed valuation is used to compute secondary taxes, which may consist of those related to bonds, budget overrides, and special districts such as fire, flood control, and other limited purpose districts. Full cash value is a reflection of the market value of property.

**Secondary Assessment** – The amount of tax calculated according to a statutory formula based on the secondary assessed valuation.

**Secondary Property Tax** – Levied for the purpose of funding the principal, interest, and redemption charges on general obligation bonds of the city. The amount of this tax is determined by the annual debt service requirements on the city's general obligation bonds.

**Self Insurance** – The retention by an entity of a risk of loss arising out of the ownership of property or from some other cause instead of transferring that risk through the purchase of an insurance policy.

**Service Levels** – Describe the present services provided by a city division.

**Sinking Fund** – An account into which a debt issuer makes periodic deposits to ensure the timely availability of sufficient monies for the payment of debt service requirements. The revenues to be deposited into the sinking fund and payments from there are determined by the terms of the bond contract.

**Special Assessment** – A compulsory levy made against certain properties to defray all or part of the cost of a specific capital improvement or service deemed to benefit primarily those properties.

**Special Revenue Funds** – Established to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes. The city maintains funds to support the following four special revenue sources: Transportation, Preservation, Special Programs and Tourism Development.

**Stakeholder** – Refers to anyone affected by or who has a stake in government. This includes, but is not limited to: citizens, customers, elected officials, board and commission members, management, employees, and their representatives (whether unions or other agents), businesses, vendors, other governments, and the media.

**Street Light Improvement Districts** – Formed to provide a means for properties within a district to maintain streetlights within their boundaries. A street light tax is levied against the property owner to cover the cost of electrical billings received and paid by the city.

**Tax Levy** – The total amount of revenue to be raised by general property taxes for purposes specified in the tax levy ordinance.

**Tax Rate** – The amount of tax levied for each \$100 of assessed valuation.

**Taxes** – Compulsory charges levied by a government for the purpose of financing services performed for common benefit. This term does not include specific charges made against particular persons or property for current or permanent benefits such as special assessments. Neither does the term include charges for services rendered only to those paying such charges, such as water service.

**Transfers** – The authorized exchanges of cash or other resources between funds, divisions, and/or capital projects.

**Transportation Privilege Tax Capital Fund** – Established to account solely for transportation projects.

**Trend Analysis** – Examines changes over time, which provides useful management information such as the city's current financial situation and its future financial capacity to sustain service levels.

**Trust Funds** – Established to administer resources received and held by the city as the trustee or agent for others. Use of these funds facilitates the discharge of responsibility placed upon the city by virtue of law or other similar authority.

**Undesignated, Unreserved Fund Balance** – The portion of a fund's balance that is not restricted for a specific purpose and is available for general appropriation.

**Unrestricted General Capital Fund** – Established to account for transfers-in from the General Fund and for any other activity for which a special capital fund has not been created.

**User Fee** – The fee charged for services to the party or parties who directly benefits from the service.

**Work-Order Credits** - Allocation of a portion of a budgeted amount to different funds or divisions based on where the work was completed.