



Capital Improvements Program

2018
2019

Five-Year Plan





City of Austin, Texas

City Council

Steve Adler, Mayor

Ora Houston, District 1

Delia Garza, District 2

Sabino "Pio" Renteria, District 3

Gregorio "Greg" Casar, District 4

Ann Kitchen, District 5

Jimmy Flannigan, District 6

Leslie Pool, District 7

Ellen Troxclair, District 8

Kathie Tovo, Mayor Pro Tem, District 9

Alison Alter, District 10



City Manager



Spencer Cronk

Table of Contents

Capital Improvements Program (CIP) Five-Year Plan

Fiscal Year 2018-2019

Background	4
How to Read this Document.....	21
Spending Plan Summary	22
Projects by Category	23

Background

Purpose of the Five-Year Capital Improvements Program Plan

The City of Austin regularly undertakes projects to improve public facilities and infrastructure assets for the benefit of its citizens. The capital project spending plan for the next five years in Austin is described by this document, the Five-Year Capital Improvements Program (CIP) Plan. Produced annually, the CIP Plan outlines the City's projected major capital improvements during the next five years based on reasonably anticipated revenues. The CIP Plan does not appropriate funds; rather it functions as a planning and budgeting tool that guides the annual development of the Capital Budget. The Plan will also serve as a communication tool for the City's CIP to City management, City Council and the general public.

The CIP Plan allows the City of Austin to appropriately plan for its current and future capital needs. Project costs included in the plan are estimates and may change due to changes in project scope, fluctuation in construction costs, or other unforeseen circumstances. The CIP Plan is also structured to provide the City with flexibility so funds may be redirected elsewhere in the CIP if a project faces insurmountable obstacles or priorities change.

What is a capital improvement project and why is it important?

A capital improvement project is any major improvement or expansion of City facilities or infrastructure. Infrastructure includes the basic physical structures, systems, and facilities necessary to provide services to residents and for the City's community and economic functions. Examples include sidewalks, streets, fire stations, and water and sewer systems. Infrastructure impacts the public health, safety, and quality of life for Austin residents, and decisions made to invest in projects are important because they are generally large in scope and cost and the assets they create will likely be used for decades.

Capital improvement projects may include new construction or renovation of recreation centers and libraries, acquisition of parkland, repaving of streets, replacement of water and wastewater lines, provision of power for residents, urban trails, creek restoration, and the purchase of new fleet vehicles and information technology networks. Collectively, these projects are referred to as the Capital Improvements Program (CIP). CIP projects are varied, so some may require years of planning and construction while other may be completed in a shorter timeframe.

Is the City responsible for all capital improvement projects in Austin?

While the City of Austin installs and maintains a significant number of capital improvement projects within its jurisdiction, there are numerous other entities responsible for infrastructure in the area. Travis County, Williamson County, the Texas Department of Transportation (TxDOT), and Capital Metro are just a few of the other partners that play a critical role in building and maintaining the infrastructure in the Austin area.

The City of Austin partners often with these governmental and non-governmental organizations to deliver capital projects for the city of Austin. For example, the City of Austin entered into an interlocal agreement

with the Capital Metropolitan Transit Authority (Capital Metro) for the cooperative development and construction of accessible sidewalks and associated pedestrian improvements. The targeted locations of these sidewalks are in the vicinity of Capital Metro bus stops on its Fixed Route Bus Transportation System. Currently, Capital Metro has approximately 2,900 bus stops in this system and the interlocal agreement will ensure all new sidewalks and improvements to existing sidewalks comply with the American with Disabilities Act.

The CIP Planning Process

The City of Austin's CIP planning and prioritization process is multi-faceted, incorporating review and public input at the departmental and organizational levels. Public input is gathered in numerous ways, such as through the processes for master plans, small area plans, and bond program development. CIP includes many recurring capital programs aimed at existing infrastructure networks, along with City facilities and services. As such, capital planning and prioritization occurs on an ongoing basis throughout the year and is ultimately reflected in the CIP Plan. The CIP planning cycle is anchored by points in which a snapshot of the City's CIP is made available to the public and decision-makers annually. These snapshots are the publication of the Five-Year CIP Plan and the Capital Budget.

Departmental CIP Needs Identification, Evaluation, and Prioritization

The development of the Capital Budget typically starts with City departments reviewing their capital improvement needs early in the fiscal year and prioritizing them for inclusion the Five-Year CIP Plan. The Five-Year CIP Plan includes funded projects based on reasonably anticipated revenue. Part of project analysis includes the review of spending plans for completing existing capital projects as well as the allocation of various funding sources to specific projects. Departments possess the operational and technical expertise necessary to determine how particular needs and priorities translate into a proposed capital improvement project.

City departments identify potential new capital improvement projects to include in CIP each year using technical assessments of infrastructure condition and need, public input received through individual department's planning efforts, and requests from City Boards and Commissions. Each department's prioritization process is different based on its specific service responsibilities. However, in general terms, all capital projects address one or more of the following organizational capital investment priorities: urgent needs, planning priorities, Council policy directives, and departmental business priorities. The City also considers sustainability and cost in prioritizing CIP projects. Other factors, including infrastructure master plans and the Imagine Austin Comprehensive Plan, play important roles in the CIP planning process.

Many of the City's existing capital projects and programs are already in alignment with the vision of Imagine Austin and support its Priority Programs and actions. City departments are collaborating to ensure that future investments are also aligned with the Comprehensive Plan.

Citywide Strategic and Financial Planning and Development of the CIP Plan

After identifying and prioritizing capital improvement project needs, departments transmit a description of their departments' CIP projects and associated spending and funding allocation plans to the Financial Services Department. The department CIP project submittals are reviewed from a citywide strategic and financial planning perspective and then compiled into the Five-Year CIP Plan. The CIP Plan is used as a basis for forecasting the operating costs associated with CIP projects and the appropriations in the annual budget.

CIP Financing Mechanisms

CIP is supported by a number of different funding sources, including debt, cash, and various other revenues. The type of funding utilized for a project can vary according to the type of project as well as the department. The most common funding sources are bonds and cash transfers. Debt sources include public improvement bonds (voter-approved General Obligation bond programs), certificates of obligation, contractual obligations, and commercial paper. The use of debt is suitable in capital projects because it promotes intergenerational equity in bearing the costs of the projects in conjunction with enjoying the benefits.

The public improvement bonds (PIBs), certificates of obligation (COs), and contractual obligations (KOs) are all secured by the full faith and credit of the City of Austin and secured by its ad valorem taxing power. While PIBs require voter approval obtained through a bond election, COs and KOs do not require voter approval. COs are used for real property purchase and construction and are typically paid for over a 20-year period, similar to PIBs, and KOs are a short-term debt instrument used to finance equipment or vehicles.

The City's priority is to fund capital expenditures with cash or voter-approved debt. However, adopted financial policies allow for use of COs and KOs if the capital expenditure is urgent, unanticipated, necessary to prevent an economic loss to the City, revenue generating, or is the most cost-effective financing option. The commercial paper (CP) program is utilized by Austin Energy and Austin Water only. CP is a very short-term debt, usually due within 30 to 45 days, and utilized as an interim financing instrument for capital expenditures that provides for lower interest costs and flexibility. Cash and various other revenue sources for the CIP include transfers from departmental operating budgets, grants, donations, sale proceeds, interagency agreements, developer contributions, and fees.

City Financial Policies and CIP

In June 1989, the City Council developed financial policies to ensure that the City's financial resources were managed in a prudent manner. These policies are reviewed annually for compliance, and changes and additions to the policies are approved for Council consideration from time to time. Several of the policies have a direct relation to the financing of capital projects. An example of a capital-related financial

policy is that it is the City's priority to fund capital expenditures with cash or voter-approved debt. A complete listing of the City's financial policies is available in the Annual Budget document found on the Austin Finance Online website: www.austintexas.gov/financeonline/finance/index.cfm.

Category Summaries

Project categories align closely with the type of infrastructure being acquired or constructed. The categories with highlighted projects are listed below:

Affordable Housing

Affordable housing throughout the city is supported through the capital program through rental housing, homeownership and home repair.

Tannehill: Austin Housing Finance Corporation is in the process of purchasing the 7.96-acre Tannehill tract from Austin ISD (City Council District 1). AHFC is utilizing general obligation bond funding to do the necessary predevelopment work, including environmental assessments, entitlements, etc., in order to put the property out for competitive bid. AHFC anticipates that the predevelopment work will be accomplished in 2018 and AHFC will issue a request for proposals for the development of the property into affordable ownership in 2019.

The Jordan: Foundation Communities' 132-unit development is located in the Mueller neighborhood (City Council District 9). Austin Housing Finance Corporation provided general obligation bond funding for the project, which will provide housing and services for low-income families. The project is anticipated to be completed in late 2019.

Airport

The Austin- Bergstrom International Airport (ABIA) opened in 1999 on a 4,240 acre site and serves millions of customers annually and is currently classified as a medium hub airport. The airport's infrastructure includes the physical structures, equipment, and miscellaneous projects to support ABIA campus facilities

Terminal Expansion: This project, as part of the larger Apron & Terminal Expansion and Improvements project, will expand the existing terminal. The project will add nine airplane gates to the existing terminal permitting additional and larger aircraft access to and from the terminal building, increasing domestic and international travel capacity. The terminal expansion includes construction of over 200,000 square feet and is scheduled for completion in the spring of 2019.



Consolidated Maintenance Facility: The Aviation Department is currently in design to consolidate the maintenance/facility functions that consist of building maintenance, airline maintenance, motor pool, field maintenance, asset management, and warehousing. These facilities are currently located at various locations among the entire airport campus and are currently not sufficient in size or conditions for a comfortable, efficient maintenance operation. The intent of a new consolidated maintenance facility is to connect these airport maintenance functions into a single, efficient location and contain all the conditions necessary for a working environment. Construction of the Maintenance Facility will begin in 2019 and is scheduled to be complete in summer of 2020.



Athletics

This works is specific to athletic improvements such as sports fields.

Aquatics

The Aquatic Division of the Parks and Recreation Department operates 51 public pool facilities, which includes 7 municipal pools, 28 neighborhood pools, 3 wading pools, Barton Springs Pool and 11 splash pads.

Shipe/Govalle Pools: Shipe Pool at Shipe Park represents one of the oldest aquatic facilities in the

City of Austin, and it is a contributing element to the Hyde Park Historic District. Govalle Pool was built in 1954, and it is representative of pool facilities built in east Austin during the era of segregation.

As a response to the completion of the Aquatic Assessment in the fall of 2014, City Council provided a one-time allocation of funding for the rebuilding of Shipe and Govalle Pools. In the Aquatic Assessment, both facilities were identified as ‘critical pools’ within the aquatic system. This designation defines aquatic facilities that would functionally fail due to overall deteriorating mechanical and structural conditions.

The project designs were shaped by extensive public engagement processes and newly-formed design guidelines for the Aquatic Unit’s Neighborhood Pools. Features of each new facility include a recreational/lap pool, a zero-depth entry activity pool for toddlers, a unique gender and family restroom bathhouse, robust shade structures and ample deck space. All of these features have been thoughtfully designed to work within the existing park context. In addition, the facility design conforms to the latest building and landscape sustainability requirements of the City of Austin and PARD. Each project is expected to begin construction in Spring/Summer 2018.



Bikeways

The City's Bicycle Program works to make Austin an even greater city for cycling. The work is guided by the 2014 Austin Bicycle Master Plan. Austin is following its Master Plan for becoming a city with a complete bike network and a community where people of all ages and abilities experience biking as safe, comfortable, convenient and fun.

The 2016 Mobility Bond dedicates \$20 million to bikeways. Bikeway projects include separated and/or protected bicycle facilities, bicycle detection and signal equipment, and other on street bicycle facilities, such as bike lanes. Bikeways funded through the bond program have a transportation and mobility purpose.

Bridges, Culverts, and Structures

Bridges, culverts, and other structures are critical locations in the roadway system which cannot be structurally unsound, deficient in safety, or have damage that is left unaddressed for any substantial length of time. These structures form critical links within the roadway system with limited or no alternative routes.

Buildings and Improvements

This infrastructure include citywide facilities that may range from PARD facilities that the public directly utilizes to fleet service facilities that city staff uses to support citywide fleet. Facility renovation projects can repair or replace existing building systems, roofs, driveways, parking lots and other equipment necessary for facility and occupant operations. Renovations and remodels are improvements that can reconfigure spaces to suit the needs of occupants or meet sustainability targets.

Rosewood Zaragosa Neighborhood Center (RZNC): This project scope includes the parking lot, front entrance and other ADA issues, and boiler replacement. The boiler is scheduled to be replaced in the early spring of 2018. The parking lot is in the design phase and construction is scheduled for completion in September 2018. The entrance, sidewalk, and related ADA issues are also in design, with work to be substantially complete in 2019.

Harold Court Nichols Building Renovations: In coordination with the Strategic Facilities Governing Team, this project is to both reuse the existing metal building structure currently used as a mechanic shop into new offices at Harold Court as well as construct a new single truck wash bay. Harold Court is a site that multiple City departments share to deploy routine services throughout Austin. Providing more centralized service center offices at this location will allow for a more efficient deployment of service personnel, and the truck wash bay will allow for better maintenance of fleet vehicles. The design phase should be complete by the end of 2018, with construction anticipated to begin in mid-2019.



Cemeteries

Today, there are five cemeteries currently operated by the City, and include Austin Memorial Park Cemetery, Evergreen Cemetery, Oakwood Cemetery, Oakwood Annex Cemetery and Plummers Cemetery.

Oakwood Cemetery Chapel Restoration: The 2012 Bond program dedicated \$2 million for cemetery improvements. The Oakwood Cemetery Chapel Restoration is the last remaining project with planned spending. Construction continues with expected substantial completion to take place in 2018.

Convention Center

The Austin Convention Center is a well-managed, well-maintained facility that was originally built in 1992, with Phase II expansion completed in 2002.

2nd Street Garage Elevator Addition: This project will install two new elevators on the northeast corner of the Convention Center Parking garage located at 201 East Second Street to reduce wait times for Convention Center attendees and enhance their experience.



Drainage

Drainage is the manmade storm drain system of pipes and ditches. Localized flooding occurs when this system is overwhelmed by heavy rainfall. This occurs away from creeks.

W. Bouldin Creek – Del Curto Storm Drain Improvements: This project will alleviate flooding of several roadways and buildings through an upgraded storm drain system. The project is within the South Lamar Neighborhood Area where City Council has passed multiple resolutions requesting improvements. The proposed \$1.68M appropriations in FY19 will be used for construction.



Erosion Control

This infrastructure supports the reduction in the damage from erosion and protects channel integrity.

Flood Control

This infrastructure supports reduction of impact of flood events.

Barton Creek – Gaines Tributary Floodplain Study & Flood Risk Reduction Project: This will assess potential solutions for flooding in the Oak Park and Oak Acres subdivisions and implement solutions that reduce the risk of flooding in these areas. The preliminary engineering study recommended improvements to local drainage in the Oak Acres neighborhood and improvements to the Oak Blvd low water crossing, which serves as the single point of access to the neighborhood.



Information Technology

Information technology infrastructure can include desktop computers, servers, networks, IT security, radio and telephone systems, and software applications.

Data Center Relocation: Communications and Technology Management (CTM) engaged with DXC consulting to plan and migrate services from the City’s existing primary data center to a modern colocation facility. The City completed the lease of the colocation in early 2018, and CTM will finalize the migration plan by the second quarter of 2018. Additional work starting in 2018 will include preparing the space for occupancy and extending the City’s network to the colocation facility. CTM expects to begin migrating services in the third quarter of 2018 and expects to have primary services migrated by the end of the calendar year.



Land Acquisition

Included in this category is the acquisition of land for city purposes such as new facilities, parks, or greenspace.

Landfills

The City operates and maintains municipal landfills. Projects can be for open landfills or for remediation projects where the City has encountered older, improperly closed landfills.

Lift Station

Lift stations are infrastructure used for pumping wastewater from a lower elevation to a higher elevation.

Other

Included in this category are improvements that do not meet the specifications in any other category.

Palmer Events Center (PEC)

Palmer Events Center has two exhibit halls totaling 70,000 square feet (SF), 5 meeting rooms totaling 6,000 SF, and the overall building size of approximately 130,000 SF. The facility also has a 1,200 car parking garage to support events at Palmer and Long Center.

Parking

Parking may include parking lots, parking meters and infrastructure immediately adjacent to the parking areas.

Parks

Park infrastructure supports the City's parkland and urban forest and PARD services such as trails, ability to provide sports recreation, educational enrichment, arts programs, cultural opportunities and nature.

Montopolis Recreation and Community Center: This project will jointly replace two aging facilities and be co-operated by the Austin Parks and Recreation Department and Austin Public Health Department. This building will be rebuilt to provide over 33,000 sq ft of new space, including a



commercial kitchen, gymnasium, fitness room, computer lab, conference rooms and educational programming areas. The building's design seeks to support the initiatives of each partnering department by fostering mental and physical well-being through community recreation and the pursuit of healthy lifestyles.

Waterloo Park Redevelopment (Waller Creek Conservancy): The Waller Creek District is undergoing a major transformation as envisioned through the public-private partnership between the City of Austin and the Waller Creek Conservancy. On September 20, 2017, the Waller Creek District reached a major milestone with the initiation of construction of Waterloo Park. The structured lawn is the first phase of work to be completed and will allow for the full park construction to commence in Spring 2018. It is currently anticipated that construction of Waterloo Park will be completed by the end of 2019.



Planning/Studies

Planning and studies are typically efforts that enhance the City's ability to move forward with focused direction for projects that result in assets. These types of efforts may document existing conditions, project future needs, determine project requirements, and create conceptual plans. It can also be efforts that study conditions so that the City has current up-to-date information on critical subjects.

Pump Stations

Pump stations are infrastructure used for pumping water from a lower elevation to a higher elevation.

Reclaimed Water Network

This infrastructure supports facilities to reclaim treated wastewater and distribute the reclaimed water for appropriate uses.

Reservoir

This infrastructure supports water storage facilities.

Sidewalks

Sidewalks are used for transportation and recreation use. The American with Disabilities Act is a driving factor in making sure that the right-of-way along the streets are safe and accessible for all.

N Lamar Sidewalk – Parmer Ln to US Hwy 183: This project is to construct new and rehabilitate existing sidewalks on N Lamar Blvd from US Hwy 183 to Parmer Ln. This project is funded by a grant from TxDOT, matching funds from the City’s 2012 bond program, and District 7’s Quarter Cent funds. Construction began in summer 2017 and is expected to be complete by winter 2019.



Streets Capacity

This category includes improving mobility or achieving maximum traffic flow.

Loop 360 Corridor Intersection Projects: The 2016 Mobility Bond investments total \$46 million for improvements at four Loop 360 corridor intersections. Those intersections include Westlake Drive, Courtyard Drive, Lakewood Drive, and Spicewood Springs Road/Bluff Stone Lane. Design and construction of improvements along Loop 360 are in partnership with TxDOT who will design and construct the improvements to increase pedestrian, bicycle, and vehicular mobility and safety.

Streets – Renewal

This category includes improving mobility or addressing issues regarding curbs gutters, drainage, bicycle facilities, and sidewalk infrastructure with existing City of Austin assets

Streets – Safety

This includes a variety of infrastructure to support traffic flow and safety.

A total of 15 intersections will receive improvements using the funds allocated through the Bond. At this time ATD has initiated work on eight out of the fifteen intersections, with two projects currently under construction (Pleasant Valley/Elmont and South Congress/Oltorf intersections). ATD also evaluated the safety improvements at four intersections from the “top 5” list and preliminary data shows a reduction in total crashes of up to sixty percent at one location.

Streetscapes

The infrastructure in this category supports compliance with the Great Streets Master Plan in downtown and includes wide sidewalks, shade trees, street furnishings, and light poles.

Traffic Signals and Systems

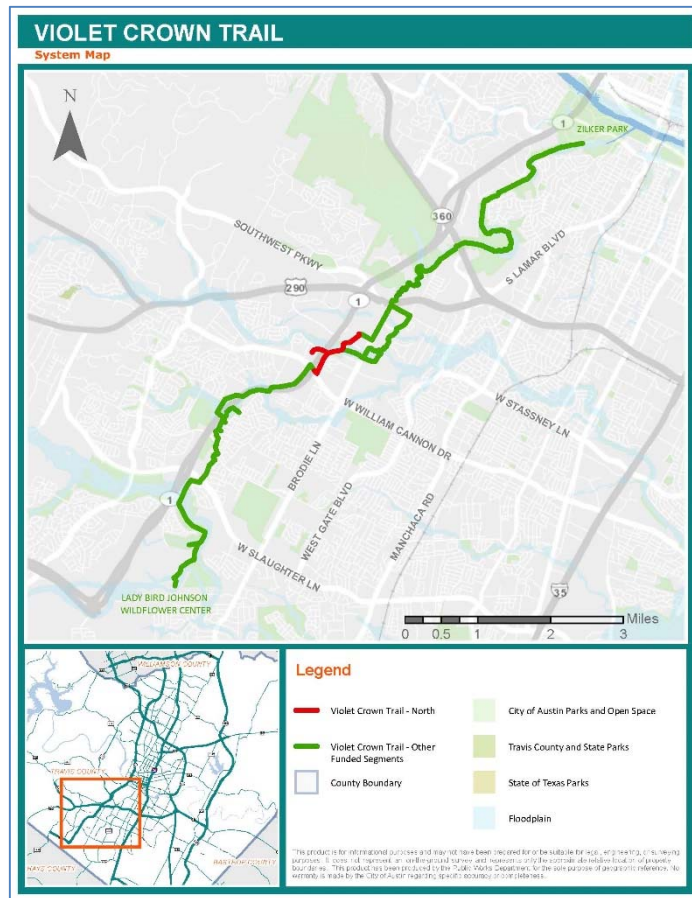
Included in this category are computerized signal systems, signal modifications and upgrades, new signals, warrant studies and other infrastructure to support traffic signals.

Signals and Pedestrian Hybrid Beacons (PHBs): The programmed work for Fiscal Year 2018-19 includes installing signals and PHBs at locations justified based on the results of engineering studies. PHBs are pedestrian-activated signals that require motorists to stop at mid-block or non-signalized intersection locations to facilitate safe pedestrian crossing of roadways. Other signal system improvements are planned including accessible pedestrian signals and upgrading to countdown pedestrian signal indications citywide. Additionally, installation of aerial detection equipment to replace in-roadway loops will continue.

Trails

Trail infrastructure promotes non-motorized pathways for recreation and active transportation.

Violet Crown Trail North: Violet Crown Trail North is an approximately 1.2 mile long, 12' wide hard surface trail from the intersection of MoPac Expressway and William Cannon Drive to Home Depot Boulevard in Sunset Valley, including a connection underneath MoPac Expressway along Williamson Creek. The trail will consist of concrete within TxDOT right-of-way and a natural paving material composed of a binder and natural aggregate for the remaining portion. The trail will provide additional access to trail systems, including the recently completed MoPac Mobility Bridges and the Williamson Creek Trail. The design phase is expected to be complete in spring 2018.



Vehicles and Equipment

This classification accounts for the acquisition of new and replacement vehicles and equipment to support City operations.

Wastewater Pipe Network

This is the infrastructure that conveys wastewater.

Parmer Lane Interceptor: The project includes the construction of 12,000 linear feet of 42-inch gravity interceptor west of Parmer Lane and the demolition of components of the Lake Creek and Rattan Creek Sewer Lift Stations. In late 2008, the City of Austin annexed the Anderson Mill area, adding 2.5 square miles of wastewater service area, along with wastewater collection and treatment assets of various ages and conditions. The Parmer Lane Interceptor project involves the installation of over two miles of large diameter wastewater pipeline along Parmer Lane between Anderson Mill and McNeil roads to better protect public health and the environment and reduce operating expenses by removing aged and underperforming wastewater facilities. Once installed, wastewater will flow by gravity to the Walnut Creek wastewater treatment plant (WWTP) enabling the decommissioning of the Anderson Mill WWTP and the Lake Creek and Rattan Creek lift stations. This new wastewater infrastructure will not only eliminate the power, chemical, and labor costs of the existing facilities, but address outstanding capacity concerns in the nearby desired development zone. This project is currently under construction.

Wastewater Treatment Plant

Wastewater Treatment Plants (WWTP) are facilities used to treat municipal wastewater.

South Austin Regional Wastewater Treatment Plant Trains A&B Blower Replacement: This project involves renewal and enhancement of the aeration blower equipment serving the South Austin Regional Wastewater Treatment Plant (SAR WWTP). The South Austin Regional WWTP is a cornerstone of Austin wastewater collection system, treating sewage from much of central and south Austin using a multi-step process. The activated sludge biological process at the core of this treatment plant relies on large industrial blowers to deliver air to basins where microorganisms come in contact with sewage and decompose the organic matter. At present, the blowers which serve this aeration process are far beyond their expected useful life and in need of replacement. The SAR WWTP Trains A&B Blower Replacement project will replace these aged assets from the plant's original construction in 1988 with modern, efficient blowers reducing the operations and maintenance cost while improving reliability, operational flexibility, and energy efficiency. Additionally, air drops and diffusers will be added to the aeration basins of the three treatment trains to supply increased quantities of air required to treat sewage that has increased in strength by over 30% since the plant was originally constructed. Finally, an air header system will be installed to tie the new blowers to the existing Train C Blowers. In this manner the new blowers and the Train C blowers can work together to provide air throughout the plant regardless of which blowers are out of service and which basin are on-line. This project is currently in construction.

South Austin Regional Wastewater Treatment Plant Tertiary Filter Improvements: This project

involves renewal and enhancement of aging filtration infrastructure at the South Austin Regional (SAR) Wastewater Treatment Plant (WWTP). The majority of Austin's wastewater is routed to either the South Austin Regional Wastewater Treatment Plant (WWTP) or the Walnut Creek WWTP where it is treated before being reclaimed for industrial and irrigation purposes or discharged into the Colorado River downstream of the city center. To consistently achieve the water quality stipulated in the discharge permit issued by the State of Texas, a filtration step is required after the primary and secondary treatment stages. At the South Austin Regional WWTP, the assets serving the filtration processes are nearing the end of their expected useful lives and must be rehabilitated or replaced. The South Austin Regional WWTP Tertiary Filter Improvements project will serve to extend the useful life of these assets, improve operational efficiencies at the plants, and address future capacity issues. This project is currently in construction.

Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation: This project involves renewal and enhancement of aging infrastructure in the Walnut Creek Wastewater Treatment Plant Tertiary Filter building. The majority of Austin's wastewater is routed to either the South Austin Regional Wastewater Treatment Plant (WWTP) or the Walnut Creek WWTP where it is treated before being reclaimed for industrial and irrigation purposes or discharged into the Colorado River downstream of the city center. To consistently achieve the water quality stipulated in the discharge permit issued by the State of Texas, a filtration step is required after the primary and secondary treatment stages. At the Walnut Creek WWTP, the assets serving the filtration processes are nearing the end of their expected useful lives and must be rehabilitated or replaced. The Walnut Creek WWTP Tertiary Filter projects will serve to extend the useful life of these assets, improve operational efficiencies at the plants, and address future capacity issues. This project is currently in construction.

Water Pipe Network

This is the infrastructure that conveys potable water.

Water Quality Protection

This infrastructure prevents, detects, evaluates, and reduces water pollution in order to protect water quality and aquatic life in Austin's creeks, lakes and aquifers.

The Little Bear Creek - Recharge Enhancement Facility: This will divert storm flows from Little Bear Creek into the Stoneledge Quarry to recharge the Edwards Aquifer and help maintain flow at Barton Springs.



Water Treatment Plant

Water Treatment Plants (WTPs) are facilities used to process source water to make it acceptable for drinking water.

Davis Water Treatment Plant Treated Water Discharge System: This project involves the renewal and enhancement of the aging Medium Service Pump Station at the Davis Water Treatment Plant. Originally constructed in 1952, the Davis Water Treatment Plant (WTP) is the workhorse of the Austin potable water system, producing potable water for the central, east and north parts of the city. Key functions at the plant are performed by original assets that are far beyond their expected useful life including the power distribution system and the medium service pump station (MSPS) which delivers the finished water to the distribution system. The Davis WTP Power Distribution and MSPS projects have been scoped and scheduled to renew and improve these integral plant processes with minimal disruption to facility operations, significantly extending the useful life of a facility that is a cornerstone of the Austin Water system. This project is currently in construction.

Davis Water Treatment Plant Power Distribution Upgrade: This project involves renewal and enhancement of aging electrical infrastructure at the Davis Water Treatment Plant. Originally constructed in 1952, the Davis Water Treatment Plant (WTP) is the workhorse of the Austin potable water system, producing potable water for the central, east and north parts of the city. Key functions at the plant are performed by original assets that are far beyond their expected useful life including the power distribution system and the medium service pump station (MSPS) which delivers the finished water to the distribution system. The Davis WTP Power Distribution and MSPS projects have been scoped and scheduled to renew and improve these integral plant processes with minimal disruption to facility operations, significantly extending the useful life of a facility that is a cornerstone of the Austin Water system. This project is currently in construction.

How to Read This Document

The document focuses on category specific CIP information. A summary table of spending plan by infrastructure type is provided, followed by spending plans of projects. The financial information in the tables includes open and active or anticipated projects with known funding sources with planned spending within the five year planning horizon.

The spending plan reflects estimated cash flow for capital projects and strongly corresponds to the project schedule. The spending plans included in this CIP Plan document are estimates for planning purposes, and as with any projection, the confidence level for estimates decreases in the later years of the five-year planning horizon. These project spending plans are updated for the final approval of funding appropriations in the Capital Budget and are be monitored throughout the year.

A sub-project is a stand-alone capital activity that relates to the main project under which it is listed. Some sub-projects may have scope of work that is ongoing such as sidewalks whereas some sub-projects are standalone named projects such as a new facility. A sub-project is represented by an identification number.

The category describes the common characteristics of the project and is determined by departments who fund the project.

Please note that Austin Energy does not have any projects listed. Austin Energy's funding strategy is tied to energy industry regulations and market dynamics; therefore, much of this information is considered proprietary.

Spend Plan Summary

Infrastructure Type	Spend Plan				
	2019	2020	2021	2022	2023
Affordable Housing	10,645,703	8,685,795	1,000,000	1,000,000	111,888
Airport	234,778,962	247,649,026	326,513,339	232,253,264	210,188,967
Aquatics	5,368,366	174,244	0	0	0
Athletics	265,693	221,385	0	0	0
Bikeways	4,965,297	3,261,898	4,200,000	4,200,000	4,200,000
Bridges, Culverts, and Structures	3,181,525	373,215	787,702	782,701	40,217
Buildings and Improvements	48,000,888	148,438,188	4,869,446	5,835,000	5,400,000
Cemeteries	445,334	0	0	0	0
Convention Center	13,102,687	3,842,863	7,390,000	16,697,766	8,491,112
Drainage	8,710,104	22,054,201	18,755,062	10,039,773	22,735,572
Erosion Control	3,624,286	17,051,645	18,208,537	17,013,294	13,157,999
Flood Control	18,694,932	25,006,570	29,819,154	22,327,125	36,149,424
Information Technology	70,673,241	31,904,411	9,805,768	13,326,667	12,581,461
Land Acquisition	2,901,321	1,853,756	852,996	427,016	950,000
Landfills	730,000	212,077	940,046	0	0
Lift Station	3,885,100	7,026,889	3,320,468	3,333,089	6,315,144
Other	6,382,557	2,993,202	414,188	360,511	6,952,320
Palmer Events Center (PEC)	1,585,000	650,000	0	0	0
Parking	275,152	540,172	480,000	0	0
Parks	9,675,590	12,920,643	2,102,182	540,886	0
Planning/Studies	3,730,050	650,000	813,025	550,000	411,920
Pump Station	5,110,979	7,537,046	7,840,918	2,044,005	2,207,153
Reclaimed Water Network	10,762,233	13,845,785	5,501,000	2,230,500	4,300,000
Reservoir	6,201,959	11,774,670	11,287,437	4,324,188	2,629,548
Sidewalks	11,506,330	9,013,941	8,349,882	8,500,000	6,966,906
Streets - Capacity	40,560,193	31,668,545	48,085,831	158,195,000	177,772,188
Streets - Renewal	10,478,281	8,451,467	5,426,088	6,172,431	6,718,709
Streets - Safety	7,456,728	8,033,977	7,769,866	8,008,100	6,891,000
Streetscapes	900,000	1,250,000	250,000	0	0
Traffic Signals and Systems	4,504,062	1,171,095	350,000	0	0
Trails	5,677,280	3,545,500	5,515,000	5,905,653	3,020,000
Vehicles and Equipment	39,558,187	23,931,141	18,102,807	20,272,431	21,716,518
Wastewater Pipe Network	37,434,779	47,036,066	38,504,903	30,875,721	24,413,722
Wastewater Treatment Plant	56,304,174	67,345,575	53,197,728	32,750,000	46,981,000
Water Pipe Network	23,153,069	50,103,779	53,758,374	37,420,584	27,176,680
Water Quality Protection	4,591,683	6,900,711	5,280,897	9,025,864	5,663,735
Water Treatment Plant	42,545,565	40,034,869	18,235,693	9,602,625	9,482,967
Total	758,367,290	867,154,347	717,728,337	664,014,194	673,626,150

Affordable Housing

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
7759.011 Westgate II Subdivision	126,353	0	0	0	0
10572.003 GO Bond Ownership Housing - 2013 Bonds	775,000	775,000	0	0	0
10573.019 Home Repair - Future Projects	2,000,000	0	0	0	0
10574.004 GO Bond Rental Housing - 2013 Bonds	2,500,000	1,000,000	0	0	0
10574.01 Garden Terrace Phase 3	315,615	0	0	0	0
10574.016 Housing First Oak Springs	1,500,000	2,413,526	0	0	0
10574.021 RBJ Center	1,000,000	1,000,000	0	0	0
10574.022 Govalle Terrace	0	958,000	0	0	0
10574.023 Elysium Park	512,135	0	0	0	0
10574.024 Works at Pleasant Valley, Phase II	416,600	0	0	0	0
10574.026 Robert Mueller Apartments	1,500,000	1,539,269	0	0	0
10816.001 GO Bond PSH - 2013 Bonds	0	1,000,000	1,000,000	1,000,000	111,888
Total	10,645,703	8,685,795	1,000,000	1,000,000	111,888

Airport

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5415.066	Records Management Implementation	283,143	0	0	0	0
5415.11	Terminal Structural Columns Fireproofing Improvements	750,000	1,000,000	0	0	0
5415.112	Terminal Centralized Baggage Handling System	7,000,000	12,000,000	74,000,000	0	0
5415.114	Central Warehouse and Cross Dock Facility Feasibility	4,000,000	16,000,000	0	0	0
5415.115	Terminal Improvements FY2018	3,000,000	1,000,000	0	0	0
5702.011	Stormwater Drainage Improvements	932,587	0	0	0	0
6000.119	Loading Bridge Mounted Ground Power Unit Replacements	162,739	0	0	0	0
6000.12	Airfield Electrical and Pavement Improvements	526,244	0	0	0	0
6000.122	Replace Failed Back-up Generator	50,000	0	0	0	0
6000.123	Airside Improvements FY2018	1,500,000	0	0	0	0
6000.124	Midfield Access Road	540,000	0	0	0	0
6000.125	Maintenance Ramp Light Replacement	810,000	0	0	0	0
6001.095	Upper Level Embankment Inspections and Repairs	2,564,460	0	0	0	0
6001.102	ABIA Campus HVAC Improvements	1,767,719	40,000	0	0	0
6001.104	New Information Technology Building	4,250,000	19,250,000	6,000,000	0	0
6001.107	Landside Roadway and Pedestrian Improvements Phase 2	996,918	0	0	0	0
6001.114	Parking Garage & Admin Building - West Lot A - Design & Construction	118,950,391	14,000,000	0	0	3,806,467
6001.117	Consolidated Maintenance Facility	23,641,104	40,426,290	12,638,339	340,764	0
6001.118	Environmental and Sustainability Management FY2016	268,649	0	0	0	0
6001.124	Spirit of Texas Drive Rehabilitation	1,800,000	647,786	0	0	0
6001.127	ABIA Landside Parking Lots Lighting	604,207	0	0	0	0
6001.128	Planning And Engineering HVAC And Office Space	400,000	1,001,506	0	0	0
6001.131	Renovate Learning Resource Center for Aviation Office Space	1,200,000	10,800,000	0	0	0
6001.132	Third Floor Parking Garage Canopies	458,760	0	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6001.134	Tracon Building Stormwater Improvements	1,486,890	2,056,837	0	0	0
6001.135	Connectivity Pedestrian Path - Segment 5	1,300,000	0	0	0	0
6001.136	Environmental And Sustainability Management FY2018	300,000	0	0	0	0
6001.137	Emma Browning Road Reconstruction	400,000	0	0	0	0
7719.062	Terminal Improvements FY2021	0	0	2,500,000	2,500,000	0
7719.066	Chilled Water Valve Loop Replacement	800,000	2,400,000	0	0	0
7719.067	New Terminal	6,000,000	23,500,000	123,500,000	173,500,000	173,500,000
7719.068	Passenger Boarding Bridge Repairs	300,000	1,500,000	0	0	0
7719.071	Terminal Improvements FY2022	0	0	0	500,000	3,000,000
7719.072	West Infill Project	2,000,000	20,000,000	34,000,000	20,000,000	8,000,000
7719.074	IT Hardware Upgrades	0	250,000	1,250,000	0	0
7719.075	Customs Escalator Refurbishment	0	300,000	0	0	0
7719.076	Grease Trap Expansion	500,000	2,000,000	0	0	0
7719.077	Elevator Refurbishments	350,000	2,000,000	970,000	0	0
7860.04	Runway and Taxiway Restoration	500,000	11,000,000	10,000,000	10,000,000	8,500,000
7860.054	Maintenance/Deicing Ramp	0	0	3,000,000	17,000,000	0
7860.056	Aircraft Rescue and Fire Fighting 4 Replacement with Communications Package	920,000	0	0	0	0
7860.058	Magnetic North Runway Change	0	0	250,000	0	0
7860.059	Airfield Improvements FY22 - (Keal replacement)	0	0	0	100,000	400,000
7860.06	Terminal Apron Trench Drain Repairs	0	500,000	0	0	0
7861.046	Landside Improvements FY2019	1,000,000	5,000,000	0	0	0
7861.047	Demolish Pole Barn Complex	0	0	0	1,800,000	0
7861.053	Demolish Buildings FY2020	0	1,800,000	0	0	0
7861.06	Landside Improvements FY2020	0	500,000	2,500,000	2,000,000	0
7861.062	Environmental And Sustainability Management FY2020	0	300,000	300,000	0	0
7861.064	Airport Landscaping and Irrigation Improvements	300,000	4,000,000	700,000	0	0
7861.067	Campus Fence and Gate Improvements FY2019	650,000	0	0	0	0
7861.068	Campus Fence and Gate Improvements FY2020	0	350,000	0	0	0
7861.076	Golf Course Road Realignment	50,000	950,000	5,000,000	0	0
7861.077	Maintenance Facility Storage Building with Airside Access	0	750,000	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
7861.078	Stormwater Improvements and Modeling	500,000	1,500,000	500,000	0	0
7861.079	Landside Roadway Improvements FY2020	0	2,000,000	8,000,000	0	0
7861.08	Stormwater Improvements FY2021	0	0	500,000	1,000,000	0
7861.081	Landside Roadway Improvements FY2022	0	0	0	200,000	1,800,000
7861.082	South Campus Stormwater Infrastructure	0	0	0	1,500,000	8,500,000
7861.083	Building Demolition FY19	450,000	0	0	0	0
7861.084	Hotel Pond Repairs	125,000	375,000	0	0	0
7861.085	Autonomous Shuttle	500,000	0	0	0	0
7861.088	Transportation Network Company Staging Area	0	0	30,000	300,000	70,000
7861.089	New Employee Surface Lot	0	0	50,000	650,000	50,000
7861.09	Lot J Covered Parking	0	0	0	600,000	1,500,000
7861.091	Presidential Boulevard Improvements	0	0	0	0	600,000
7861.092	Fuel Farm Upgrade and Expand	0	0	0	0	200,000
7861.093	Central Plant Improvements	0	8,000,000	40,000,000	0	0
7862.047	Virtual Machine Infrastructure Replacement End Of Life - End Of Service	100,000	0	0	0	0
7862.048	Terminal Flight Information Display Screens Replacements - FY19	2,000,000	0	0	0	0
7862.049	Upgrade Motorola XTS Series Radios With APX Series FY19	165,000	0	0	0	0
7862.05	Compellent Arrays - Security System Video Storage FY19	200,000	0	0	0	0
7862.068	Shared Use Equipment Replacement End of Life/End of Service FY19	3,000,000	0	0	0	0
7862.076	Consolidated Maintenance Complex Technology Components	2,000,000	2,500,000	500,000	0	0
7862.082	Software Module Increase for the Service Desk Software	250,000	0	0	0	0
7862.083	Airport Security - Business Process Improvement	2,500,000	0	0	0	0
7862.085	Shared Use Software Upgrade/Refresh	3,000,000	0	0	0	0
7862.101	Information Technology Hardware Radio Frequency RFID Tracking System FY19	250,000	0	0	0	0
7864.005	Planning Consultant	325,000	325,000	325,000	262,500	262,500
9604.015	Information Systems Division FY2019	80,000	0	0	0	0
9604.044	Planning and Engineering Division FY2019	56,000	0	0	0	0
9604.046	Operations Division FY2019	28,000	0	0	0	0
9604.047	Security Division FY2019	26,500	0	0	0	0
9604.048	Airside Maintenance Division FY2019	465,500	0	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
9604.049	Mechanic Shop Division FY2019	45,000	0	0	0	0
9604.05	Building Maintenance Division FY2019	45,000	0	0	0	0
9604.051	Properties Division FY2019	10,000	0	0	0	0
9604.052	Human Resources Division FY2019	56,000	0	0	0	0
11222.001	Apron Expansion	25,288,151	37,626,607	0	0	0
Total		234,778,962	247,649,026	326,513,339	232,253,264	210,188,967

Aquatics

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
7544.011	Rosewood Neighborhood Park - Pool Bathhouse	544,457	147,644	0	0	0
7561.002	Govalle Neighborhood Park - Pool Renovation	2,456,786	17,600	0	0	0
10150.002	Shipe Neighborhood Park - Pool Renovation	2,367,123	9,000	0	0	0
Total		5,368,366	174,244	0	0	0

Athletics

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
7548.008	South Austin Neighborhood Park - Sports Field Improvements	0	105,731	0	0	0
7571.004	Westenfield Neighborhood Park - Tennis Court Renovation	196,353	0	0	0	0
8118.003	Patterson Neighborhood Park - Tennis Court Renovations	69,340	0	0	0	0
9864.002	Tennis Facilities - Court Repurposing and Resurfacing	0	115,654	0	0	0
Total		265,693	221,385	0	0	0

Bikeways

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5771.06	Bike Blvd. Rio Grande and Nueces from 3rd to MLK	198,328	0	0	0	0
5771.061	Bicycle Improvement Projects Citywide	32,811	0	0	0	0
5771.072	Dessau - Cameron Bicycle Lanes	8,557	0	0	0	0
5771.08	ATD Signs and Markings Work	330,281	0	0	0	0
5771.086	Bikeway Curb Work	297,078	0	0	0	0
5771.088	Bike Share Expansion	373,400	233,372	0	0	0
5771.092	Teri Road from I35 to Nuckols Crossing Road Mobility & Safety Improvements	30,000	0	0	0	0
6051.005	Shoal Creek Greenbelt - Trail Improvements / 4th Street Gap	724,246	0	0	0	0
7328.003	Bowie Underpass	37,469	0	0	0	0
9224.005	IH 35 Frontage Roads Sidewalk and Bike Mobility Improvements	1,000,000	0	0	0	0
11280.008	Bikeway Improvements - 2016 Bond	1,352,000	2,707,000	4,200,000	4,200,000	4,200,000
11580.012	Berkman from 51st St. to HWY 290 Mobility and Safety Improvements	60,000	0	0	0	0
11580.018	Pleasant Valley Onion Creek to Button Bend Bike Lane - 1/4¢ Fund	100,000	0	0	0	0
11580.019	Jones from Pillow Rd. to Manchaca Rd. Bikeway Improvements	353,127	0	0	0	0
11580.021	Riverside I35 to Ben White Bike Lanes - 1/4¢ Fund	0	321,526	0	0	0
12040.005	Speedway from 30th to 46th Bikeway Improvements	68,000	0	0	0	0
Total		4,965,297	3,261,898	4,200,000	4,200,000	4,200,000

Bridges, Culverts, and Structures

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5873.012	Red Bud Trail Bridge over Lady Bird Lake	715,108	330,217	557,702	557,701	30,217
5873.039	William Cannon Railroad Overpass (east end)	116,140	42,998	230,000	225,000	10,000
7328.003	Bowie Underpass	2,187,940	0	0	0	0
7328.013	2nd Street Bridge and Extension / Shoal Creek to West Ave	162,337	0	0	0	0
Total		3,181,525	373,215	787,702	782,701	40,217

Buildings and Improvements

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
757.028	Facilities Master Plan Study	600,000	0	0	0	0
757.029	Waller Creek Center - Tenth Floor Renovation	30,000	0	0	0	50,000
757.037	Waller Creek Center - Curtain Wall	751,842	590,000	0	0	0
757.046	Waller Creek Center Future Program	170,000	200,000	80,000	100,000	100,000
757.047	Webberville Service Center Future Program	250,000	0	60,000	0	0
757.048	Glen Bell Service Center Future Program	250,000	50,000	150,000	250,000	50,000
757.049	Timothy Louviere Service Center Future Program	0	0	0	0	150,000
757.05	North Service Center Future Program	80,000	0	0	0	0
757.054	Waller Creek Center Carpet Replacement	0	120,000	0	120,000	0
757.058	Glen Bell Service Center Generator Replacement	50,000	0	0	0	0
757.059	South Service Center Roof Renewal	0	0	0	25,000	50,000
757.061	Waller Creek HVAC Rehabilitation	1,098,384	108,000	0	0	0
896.003	Dougherty Arts Center - Co-Developed Facility	100,000	3,210,491	0	0	0
3257.002	Austin Water Building Facilities Improvements Future Program	0	500,000	500,000	3,000,000	3,000,000
5201.005	Emma S. Barrientos Mexican American Cultural Center - Master Plan Update	0	124,000	0	0	0
5698.015	FM 812 Planning	130,431	0	0	0	0
5773.02	Northeast Service Center Land Purchase and Planning	297,985	0	0	0	0
6011.023	Bolm Road - Security Improvements	13,918	0	0	0	0
6011.024	Electrification Infrastructure	522,424	522,424	0	0	0
6011.026	Service Center and Fuel Facility Security Improvements	140,000	140,000	140,000	140,000	0
6013.022	Austin Shelter for Women and Children Renovation and Expansion	204,328	0	0	0	0
6014.015	Zaragoza Warehouse Fire Sprinkler Upgrade	352,401	88,101	0	0	0
6014.026	Southeast Austin Community Branch Library Foundation/Flatwork Repairs	499,475	99,870	0	0	0
6014.036	Pleasant Hill Branch Library Roof Replacement and HVAC Upgrade	775,808	193,953	0	0	0
6014.037	University Hills Branch Library Parking Lot Expansion	194,752	268,373	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
6014.041	Cepeda Branch Library Renovation Project	280,000	144,840	0	0	0
6014.042	Yarborough Branch Library Renovation	276,983	69,246	0	0	0
6014.043	Windsor Park Branch Library Renovation	306,804	76,702	0	0	0
6014.051	Willie Mae Kirk Branch Library Foundation Repairs	75,762	18,490	0	0	0
6014.052	Little Walnut Creek Branch Library ADA Ramp Improvements	224,414	56,103	0	0	0
6014.056	Faulk Central Library Roof Replacement	489,600	122,400	0	0	0
6016.011	Harold Court Nichols Building Renovations	1,223,010	3,035,696	385,306	0	0
6016.017	St Elmo Cheatham Building Renovations	506,000	690,000	35,000	0	0
6016.018	Dalton Lane Site Utilities and Service Center Improvements	1,140,000	80,000	0	0	0
6016.019	One Texas Center - 8th Floor Finance Renovations	32,199	0	0	0	0
6025.001	Fire Station - Onion Creek	89,296	0	0	0	0
6027.012	CNG Site Upgrades for Operational Continuity	622,544	0	0	0	0
6027.013	CNG Driveway Expansion - Todd Ln	200,000	0	0	0	0
6027.014	Fuel Tank Upgrades at Fire Stations	200,000	200,000	175,000	0	0
6027.015	Service Center #8 Fuel Facility Modernization	150,000	150,000	0	0	0
6064.006	AFD Locker Room Project Phase 6: Stations 2, 9, 10, 11, 12, and 16	5,004,234	7,000,000	500,000	200,000	0
6066.032	Zilker Metro Park - Barton Creek Trailhead Restroom & Water Quality Imps	40,000	0	0	0	0
6066.035	Zilker Metro Park - Barton Springs Bathhouse Rehabilitation	680,000	1,049,732	0	0	0
6066.036	Zilker Metro Park - Maintenance Barn Replacement	300,000	1,935,675	50,000	0	0
6618.001	Mounted Patrol Facilities	4,266,445	0	0	0	0
7047.001	Emergency Medical Services (EMS) Vehicle Bay Expansions	1,482,559	0	0	0	0
7238.002	AFD Public Safety Training Campus Storage Building	6,000	0	0	0	0
7238.003	Public Safety Training Academy - Tenant Finish Out Building I	493,276	0	0	0	0
7328.014	Green WTP Redevelopment	613,175	0	0	0	0
7524.002	Austin Studios Expansion	2,753,217	0	0	0	0
7526.007	Animal Service Center Rehabilitation	158,453	0	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
7551.005	Elisabet Ney Museum - Building Restoration and Site Improvements	1,044,091	178,551	0	0	0
7553.005	Brush Square - O'Henry Museum Restoration Phase 1	820,000	88,946	0	0	0
7555.006	Montopolis Recreation and Community Center	7,981,324	1,102,483	614,140	0	0
7568.007	Dove Springs District Park - Recreation Center Expansion	1,552,200	419,320	0	0	0
7592.002	Ricky Guerrero Pocket Park - General Park Improvements	100,000	0	0	0	0
9544.001	Park Patrol / Park Ranger Joint Use Facility Renovation	1,052,682	0	0	0	0
10024.002	East Austin Neighborhood Ctr Roof Replacement	146,313	0	0	0	0
10024.085	Building Services Department Deferred Maintenance Future Projects	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
10024.086	One Texas Center (OTC) Future Deferred Maintenance Projects	1,389,241	500,000	0	0	0
10024.128	Technicenter Parking Lot Repair	350,000	0	0	0	0
10024.137	Technicenter Tilt Wall Stabilization and Repair	250,000	0	0	0	0
10024.138	One Texas Center (OTC) Elevator Modernization	600,000	450,000	0	0	0
10025.017	Rosewood-Zaragosa Neighborhood Center	231,913	0	0	0	0
10025.022	City Hall Safety and Security Improvements	55,000	0	0	0	0
10025.023	Asbestos and Surveys	150,000	150,000	0	0	0
10459.001	Building Renovations	26,844	0	0	0	0
10459.007	Facility Renovations	11,920	0	0	0	0
10694.004	Fire Station 28	500,000	0	0	0	0
10918.005	Toomey Facility Renovation	141,417	0	0	0	0
11561.001	EMS Station #33 Exterior Canopy and Drainage Project	12,000	0	0	0	0
11720.001	Rutherford Lane Campus Future Facility Repairs and Improvements	125,000	125,000	0	0	0
11720.004	Rutherford Lane Campus Parking Lot Improvements	1,089,356	597,792	0	0	0
11721.001	Rebekah Baines Johnson (RBJ) Major Facility Repairs and Improvement	120,000	132,000	180,000	0	0
11721.003	Rebekah Baines Johnson (RBJ) Ingress/Egress	125,868	0	0	0	0
12000.002	Planning and Development Center	0	121,850,000	0	0	0
Total		48,000,888	148,438,188	4,869,446	5,835,000	5,400,000

Cemeteries

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
9763.006	Oakwood Cemetery - Chapel Restoration	445,334	0	0	0	0
Total		445,334	0	0	0	0

Convention Center

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6020.053	Convention Center - Northside Improvements	175,000	0	50,000	0	0
6020.072	Waller Pavilion	810,631	52,863	0	0	0
6020.076	Second Street Garage Elevator Addition	3,505,945	0	0	0	0
6020.08	Convention Center Improvements	3,825,000	10,000	50,000	9,427,766	8,491,112
6020.098	Marshalling Yard & Warehouse Phase I	100,000	3,680,000	7,285,000	7,270,000	0
6020.101	5th St. Garage Tenant Finish Out	715,000	100,000	5,000	0	0
6020.105	Event Space Lighting	650,000	0	0	0	0
6020.106	North Side Rigging Improvements	2,500,000	0	0	0	0
6020.108	North Side Catering and Concessions Upgrade	500,111	0	0	0	0
6020.109	Catering and Concessions Upgrades	321,000	0	0	0	0
Total		13,102,687	3,842,863	7,390,000	16,697,766	8,491,112

Drainage

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5282.028	Urban Watersheds Retrofits Account	0	0	644,335	0	0
5754.045	Regional Stormwater Management Program	0	0	0	0	1,350,425
5754.052	Onion Creek - Flood Hazard Mitigation, Ecosystem Restoration, & Recreation	0	0	0	2,164	0
5754.082	Slaughter - Old San Antonio Rd Low Water Crossing Improvements	60,799	0	0	0	0
5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	306,681	2,000,000	1,329,870	0	0
5754.09	Williamson Creek - Cherry Creek to S. Congress Flood Hazard Mitigation	0	0	0	0	37,729
5771.06	Bike Blvd. Rio Grande and Nueces from 3rd to MLK	1,015	0	0	0	0
5781.011	Onion Creek - Upper Onion Creek Flood Risk Reduction Buyouts	568,609	0	0	0	0
5789.027	Central Business District Storm Drain Enhancement	0	0	0	0	2,433,324
5789.04	Walnut Creek - Whispering Valley Dr and West Cow Path Flooding Mitigation	200,000	1,300,000	3,449,807	3,624,500	0
5789.054	LKA - Meredith St. Storm Drain Improvements	1,290,000	967,725	129,360	0	1,538,862
5789.057	Johnson Creek - Oakmont Blvd. Storm Drain Improvements	0	0	500,000	0	0
5789.069	W. Bouldin Creek - Del Curto Storm Drain Improvements	1,410,000	3,010,287	20,000	0	0
5789.075	Waller Creek - Guadalupe St, W. 35-37th Storm Drain Improvements	0	100,000	400,000	0	3,517,807
5789.082	Annexation Area Drainage Improvements	50,000	0	0	0	300,000
5789.093	Shoal Creek - Little Shoal Creek Tunnel Stormdrain Improvements	50,000	151,384	0	0	0
5789.094	Storm Drain Infrastructure Asset Assessment	350,000	350,000	350,000	450,000	488,712
5789.102	Walnut Creek - Oak Knoll Drainage Improvements	225,000	525,000	2,755,000	2,962,109	0
5789.106	East Bouldin - Annie Street Storm Drainage Improvements	150,000	300,000	1,920,000	0	4,504,258
5789.107	Barton Creek – Oak Park Flood Risk Reduction Project	820,000	1,300,000	4,620,595	0	0
5789.121	Taylor Slough South - Warren St Storm Drain Improvements	25,000	0	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5789.123	Lady Bird Lake - Briar Hill Dr Storm Drain Improvements	0	500,000	0	0	0
5789.126	Walnut Creek - North Acres Storm Drain Improvements	250,000	250,000	0	1,500,000	0
5789.13	Shoal Creek - Nueces St Storm Drain Improvements	250,000	250,000	0	1,000,000	1,000,000
5789.131	Williamson Creek - Brassiewood Dr Storm Drain Improvements	0	0	0	500,000	0
5789.132	Little Walnut Creek - Jamestown Dr Storm Drain Improvements	0	1,320,000	200,000	0	0
6039.005	Parent Account - Watershed Protection Master Plan Support	0	0	0	0	52,468
6039.104	Stormwater Criteria Updates	0	53,536	0	0	0
6039.108	West Bouldin Creek - Watershed Master Plan	250,000	863,669	0	0	0
6039.112	Citywide - Stormwater Infrastructure Maintenance Projects - Open Systems	100,000	0	0	0	0
6039.113	Citywide - Stormwater Infrastructure Improvement Projects – Closed Systems	150,000	0	0	0	0
6660.035	Multi-Site Recharge Feature Mitigation and Maintenance	0	0	0	0	52,843
7492.008	Citywide - Stormwater Pond Safety Program, General Engineering Services	2,000	2,000	1,000	1,000	287,041
8598.001	Transit-Oriented Development - Parent	0	0	0	0	6,672,103
8598.003	Boggy Creek - MLK-TOD Stormdrain Improvements Phase 1	2,000,000	5,000,000	2,435,095	0	500,000
8598.004	Lady Bird Lake - Plaza Saltillo TOD Stormwater Management Assessment	1,000	110,600	0	0	0
8598.012	Waller Creek - CMTA Downtown Station Stormwater Conveyance Improvements	100,000	2,900,000	0	0	0
10613.004	West Bouldin Creek - Green Pastures Site - Public Stormdrain Improvements	100,000	800,000	0	0	0
Total		8,710,104	22,054,201	18,755,062	10,039,773	22,735,572

Erosion Control

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5282.033	Shoal Creek Restoration - 15th to 28th Streets	561,300	150,014	208,623	0	0
5282.052	Shoal Creek - 5th St to Ladybird Lake Stream Restoration	35,000	0	35,000	74,610	54,000
5282.092	Green Stormwater Infrastructure Landscape Installation and Maintenance	33,833	33,833	33,833	4,218	0
5749.007	Easements and Utility Relocations for In house Projects	0	0	11,180	300,000	0
5848.026	Little Walnut Creek - Jamestown Tributary Stream Rehabilitation	450,000	2,255,000	2,045,000	17,466	0
5848.053	Boggy Creek - Clarkson Tributary Rehabilitation	0	0	0	0	1,422,500
5848.064	Little Walnut Creek - Lower Buttermilk Creek Bank Stabilization	0	0	327,787	0	0
5848.065	Shoal Creek - Brentwood Drainage Improvements	100,000	100,000	131,192	0	0
5848.067	Fort Branch Creek - Delores Tributary Waste Removal and Stream Restoration	165,000	1,811,792	0	0	0
5848.077	Boggy Creek - Hwy 183 to Delwau Ln Channel Stabilization	300,000	600,000	0	0	0
5848.078	Country Club West - Roy G. Guerrero Park Channel Stabilization	565,000	3,291,815	470,000	10,000	0
5848.08	Williamson Creek - Tributary 4 Channel Stabilization	200,000	830,000	640,000	830,000	0
5848.081	Little Walnut Creek - Creighton Tributary Erosion Mitigation Buyout	315,000	32,000	24,000	123,000	0
5848.082	Walnut Creek - Thompkins Tributary Channel Stabilization	60,000	170,000	227,000	559,000	684,000
5848.083	Country Club West - Catalina Drive Bank Stabilization	80,000	170,000	255,000	1,320,000	1,674,999
5848.084	Buttermilk Creek - Lower Buttermilk Bank Stabilization	0	75,000	250,000	275,000	2,900,000
5848.085	Little Walnut Creek - Park Plaza Stream Stabilization	0	0	0	0	1,422,500
6039.114	Citywide – General Stormwater Infrastructure Maintenance Projects Parent	0	2,500,100	3,000,000	4,000,000	5,000,000
6051.005	Shoal Creek Greenbelt - Trail Improvements / 4th Street Gap	360,683	0	0	0	0
7328.013	2nd Street Bridge and Extension / Shoal Creek to West Ave	8,470	0	0	0	0

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
9083.003 Waller Creek District	330,000	4,360,522	10,119,025	9,500,000	0
9083.016 Waller Creek District - Creek Mouth Schematic Design	0	0	430,897	0	0
9083.02 Waller Creek District - Creek Mouth Design Development	60,000	671,569	0	0	0
Total	3,624,286	17,051,645	18,208,537	17,013,294	13,157,999

Flood Control

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5754.046	Barton Creek – Oak Acres Flood Risk Reduction Project	49,000	1,089,579	1,355,863	0	0
5754.052	Onion Creek - Flood Hazard Mitigation, Ecosystem Restoration, & Recreation	12,000,000	4,288,906	3,000,000	3,909,753	0
5754.076	Shoal Creek - Lower Shoal Creek Flood Hazard Mitigation	50,000	750,000	1,000,000	1,000,000	2,639,084
5754.082	Slaughter - Old San Antonio Rd Low Water Crossing Improvements	592,000	91,000	5,916,260	0	0
5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	690,000	5,323,449	2,544,304	0	0
5754.089	Walnut Creek - McNeil Drive Low Water Crossing Improvements	150,000	2,649,669	0	0	0
5754.09	Williamson Creek - Cherry Creek to S. Congress Flood Hazard Mitigation	500,000	0	1,000,000	2,000,000	4,900,000
5754.091	East Bouldin Creek - West Monroe St. Low Water Crossing Improvements	0	500,000	750,000	1,000,000	750,000
5754.097	Boggy Creek - Delwau Lane Flood Hazard Mitigation	0	0	0	500,000	500,000
5754.126	Williamson Creek - Nuckols Crossing Low Water Crossing Improvement	100,000	600,000	500,000	1,000,000	1,000,000
5754.127	Bull Creek - Old Spicewood Springs Low Water Crossing Improvements	0	80,000	320,000	400,000	1,600,000
5754.132	Citywide - Flood Hazard Mitigation Small Projects & Studies	0	50,000	50,000	50,000	102,809
5754.133	Carson Creek - Flood Hazard Mitigation	200,000	25,000	500,000	0	0
5781.007	Williamson Creek - Fairview and Radam Flood Mitigation Buyouts	0	2,965,956	0	0	0
5781.01	Onion Creek - Lower Onion Creek Flood Mitigation Buyouts	0	0	8,113,526	6,935,472	4,722,672
5781.011	Onion Creek - Upper Onion Creek Flood Risk Reduction Buyouts	250,000	3,923,500	400,000	0	8,100,000
5789.075	Waller Creek - Guadalupe St, W. 35-37th Storm Drain Improvements	350,000	296,784	0	0	0
5789.12	East Bouldin - Mary Street Storm Drain Relief System	91,777	100,000	0	0	0
5789.127	West Bouldin Creek - Hether St. Stormdrain Improvements	0	250,000	500,000	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5789.128	Citywide - Small Storm System Projects Group	50,000	250,000	250,000	250,000	0
5848.078	Country Club West - Roy G. Guerrero Park Channel Stabilization	0	16,489	0	0	0
5954.007	FEWS Telemetry and SCADA Improvements Study	38,565	25,000	0	0	0
5954.011	Additional Traffic Cameras	0	20,800	0	0	0
6039.104	Stormwater Criteria Updates	0	55,236	0	0	0
6039.109	Shoal Creek - Brentwood Drainage Improvements	100,000	100,000	550,000	3,250,000	0
6938.017	Flood Monitoring Software and Dashboard Enhancements	0	29,383	0	0	0
6938.018	FEWS Evaluation Study	24,590	0	0	0	0
6938.019	Eanes Creek Floodplain Study and Mapping	50,000	0	0	0	0
7492.01	Walnut Creek - Duval West Dam Modernization (Pond ID R00183)	125,000	125,000	75,000	541,000	825,000
7492.011	Walnut Creek - Duval East Dam Modernization (Pond ID R00182)	100,000	100,000	50,000	475,000	475,000
7492.018	Multi-site Stormwater Pond Safety Program - Landscaping Services	18,000	819	0	15,900	0
7492.039	Multi-site Flood Control Area Maintenance and Public Outreach	6,000	0	4,201	0	0
9083.008	Waller Creek District - Water Quality Retrofit	110,000	250,000	1,890,000	0	0
10613.001	Stormwater Citywide Priorities	0	0	0	0	8,534,859
10878.001	Waller Creek - Waller Creek Tunnel Facility Maintenance and Improvements	3,050,000	1,050,000	1,050,000	1,000,000	2,000,000
Total		18,694,932	25,006,570	29,819,154	22,327,125	36,149,424

Information Technology

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
1134.002	CTECC Video Wall Replacement	338,884	0	0	0	0
1134.005	Emergency Operations Center Audio Visual Video Switching Replacement	149,527	0	0	0	0
1134.008	Regional Mutual Aid - Closet Unit Dispatch	319,076	0	0	0	0
2056.012	Austin Water Telecommunications System Upgrade Study	0	50,000	100,000	0	0
2056.015	SCADA Administration Back-up Control Center	0	0	50,000	50,000	50,000
3159.003	Laboratory Information Management System	50,000	50,000	50,000	200,000	50,000
3159.01	Pipeline Computerized Maintenance Management System Upgrade	75,000	75,000	75,000	300,000	75,000
3159.011	Facility Computerized Maintenance Management System Upgrade	600,000	75,000	75,000	75,000	75,000
3159.013	Data Analytics Software Implementation	75,000	75,000	75,000	75,000	150,000
3159.021	Mobile Workforce Technology	300,000	300,000	300,000	300,000	300,000
3159.025	Collaboration Software Implementation	70,000	50,000	20,000	20,000	60,000
3159.026	Permitting Software Upgrade (AMANDA)	60,000	60,000	30,000	30,000	30,000
3159.027	Environmental Compliance Software Upgrade (WIERS)	50,000	40,000	20,000	20,000	20,000
3159.028	Server and Enterprise Storage Replacement (FY20-FY24)	0	400,000	400,000	50,000	50,000
3159.029	Wireless Network Installations	325,000	325,000	0	0	0
3159.03	Wireless Network Replacements (FY21-FY25)	0	0	10,000	10,000	50,000
3159.031	PC Refresh (FY19-23)	555,000	536,500	527,250	518,000	518,000
3159.032	Core Network and Data Center Replacement (FY19-FY23)	200,000	200,000	300,000	400,000	400,000
3159.033	Disaster Recovery and Data Archive Replacements (FY19-FY22)	25,000	25,000	100,000	100,000	0
3159.034	Geographic Information System Data Model	300,000	175,000	0	0	0
3159.035	Geographic Information System Equipment (FY19-FY23)	100,000	100,000	100,000	100,000	100,000
3159.036	Geographic Information System Upgrade (FY19-FY23)	135,000	120,000	222,000	117,000	116,000
3159.037	Disaster Recovery and Data Archive Replacements (FY23-FY27)	0	0	0	0	25,000

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5749.002	Information Technology - Computer Technology Acquisitions	301,000	300,000	300,000	300,000	941,285
5749.009	Modeling Software	0	60,000	60,000	0	0
5954.006	FEWS & Environmental Resource Management (ERM) Public Internet Site	25,000	9,594	0	0	0
6020.099	Marquees at N ACC & PEC	2,393,000	1,243,369	2,000	0	0
6246.004	Radio Replacement	2,951,111	0	0	0	0
6246.005	Greater Austin-Travis County Regional Radio System (GATRRS) Upgrade	5,818,309	0	0	0	0
6246.006	9-1-1 recording System Upgrade	165,000	0	0	0	0
6501.064	Campus Wireless Network Improvements	350,000	450,000	105,397	0	0
6501.066	Building Bidirectional Amplifiers	22,135	0	0	0	0
6501.082	Physical Plant Infrastructure Upgrade	371,758	0	0	0	0
6501.084	Aviation Business Process Improvement Analysis	689,056	0	0	0	0
6501.1	Telephone Upgrade FY16	52,592	0	0	0	0
6501.101	Shared Use Passenger Processing System - Network Segmentation	320,000	0	0	0	0
6501.102	Asset Management Strategy	282,000	0	0	0	0
6501.107	Information Systems Equipment Replacement End Of Life - End Of Service FY17	300,000	0	0	0	0
6501.112	Wireless Infrastructure - Radio Systems	20,000	0	0	0	0
6501.115	Shared Use Passenger Processing System Terminal Expansion FY17	1,000,000	0	0	0	0
6501.116	Physical Plant Infrastructure Upgrades FY17	0	200,000	126,667	126,667	126,666
6501.117	Campus Conference Room Enhancements	150,000	50,000	0	0	0
6501.119	Share Point Infrastructure Enhancements	110,600	0	0	0	0
6501.121	Airport Security System Equipment Replacement FY17	3,350,000	3,350,000	1,718,454	0	0
6501.122	Ground Transportation and Transportation Network Company Management System	90,000	0	0	0	0
6501.123	Business Intelligence - Airport Integrated Operational DB Development FY18	750,000	290,000	0	0	0
6501.124	Information Systems Equipment Replacement End Of Life - End Of Service FY18	375,000	375,000	0	0	0
6501.127	Electronic Visual Information Displays (large indoor displays)	350,000	200,000	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6501.129	Administration Building Technology Components	2,500,000	0	0	0	0
6501.13	800MHz Public Safety Radio Communications	2,000,000	0	0	0	0
6501.132	Network Security Hardware FY18	200,000	0	0	0	0
6501.134	Passenger Self Bag Tagging Technology	1,500,000	0	0	0	0
6621.023	Glen Bell Service Center Security Conversion	300,000	300,000	0	0	0
6621.027	Waller Creek Center Security System Conversion	250,000	0	0	0	0
6621.03	Tim Louviere Service Center Security System Upgrade	0	0	30,000	0	0
6621.035	Summit Water Quality Lab Security Access Upgrade	0	25,000	0	0	0
6621.036	Webberville Service Center Security System Upgrade	0	0	0	50,000	0
6621.037	Longhorn Dam Security Monitoring and Access Control	0	100,000	0	0	0
6621.039	Govalle Security System Technology Refresh	0	0	0	0	10,000
6621.041	Security Operations Center Technology Update	0	0	0	0	100,000
6621.044	South Service Center Security System Technology Refresh	0	0	30,000	0	0
7149.01	CTM Critical Technology Replacement	3,175,000	0	0	0	0
7149.024	Enterprise Security & Access Systems (ESAS)	50,000	0	0	0	0
7150.007	Enterprise Document Imaging and Management System (EDIMS) Expansion	169,513	96,146	0	0	0
7268.004	Telephony Upgrade	320,000	339,986	0	0	0
7332.003	Public Works Technology Improvements	1,145,000	480,000	0	0	0
7493.014	Information Technology - Workorder Tracking & Management (Maximo)	500,000	250,000	219,510	250,000	219,510
7493.019	Information Technology - TV Inspection Data Acquisition	300,000	315,000	60,794	0	0
7493.02	Information Technology - WPD AMANDA folders	50,000	70,725	55,725	0	0
7493.022	Information Technology - WPD Asset Management Program	60,995	200,000	240,000	210,000	0
7493.023	Information Technology - Field Data Collection and Inspection	95,000	95,000	95,000	95,000	0
7493.024	Information Technology - Governance for Modeling/Associated Data Management	177,000	253,000	0	0	0
7493.025	Information Technology - Conveyance System GIS	100,000	65,000	0	0	0
7493.026	Information Technology - EDIMS Enhancements	0	110,000	450,000	130,000	0
7798.003	M5 - Motor Pool Module	10,000	0	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
7798.004	Mobile Technician Workstations	100,000	100,000	71,971	0	0
7862.051	Information Technology Master Plan Refresh	0	1,000,000	0	0	0
7862.053	Enterprise Software Upgrades And Replacements	0	3,000,000	0	0	0
7862.054	Compellent Arrays - Security System Video Storage FY20	0	200,000	0	0	0
7862.055	Information Systems Equipment Replacement End Of Life - End Of Service FY20	0	2,500,000	0	0	0
7862.056	Private Branch Exchange Equipment Refresh FY20	0	350,000	0	0	0
7862.057	Electronic Visual Information Display System Monitor Replacements	0	3,000,000	0	0	0
7862.066	Terminal Command Center Technology Components	4,000,000	2,000,000	0	0	0
7862.07	Virtual Infrastructure Replacement End of Life / End of Service FY20	0	300,000	0	0	0
7862.071	Shared Use Kiosk Replacement End of Live / End of Service FY20	0	1,500,000	0	0	0
7862.072	Compellent Arrays - Security System Video Storage FY21	0	0	300,000	0	0
7862.074	Private Branch Exchange Equipment Refresh FY21	0	0	350,000	0	0
7862.084	Electronic Visual Information System Display Outside	1,500,000	0	0	0	0
7862.086	Service Desk Software Enhancements	0	250,000	0	0	0
7862.087	Self Boarding Technology	0	1,000,000	0	0	0
7862.088	Electronic Visual Information Display System Outside Software Assessment	0	150,000	0	0	0
7862.089	Equallogic Storage Area Network for Shared Use Passenger Processing System	0	150,000	0	0	0
7862.09	Telephone Equipment for Voice Over Internet Protocol	0	250,000	0	0	0
7862.091	Equallogic Storage Area Network for Department Of Aviation	0	0	0	0	400,000
7862.092	Expansion of Self Boarding Technology	0	0	1,500,000	0	0
7862.093	Telephone Equipment for Voice Over Internet Protocol	0	0	250,000	0	0
7862.094	Compellent Arrays - Security system Video Storage (storage expansion)	0	0	200,000	0	0
7862.095	Network Security Hardware End of Life/End of Service FY21	0	0	600,000	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
7862.096	Compellent Arrays - Security System Video Storage	0	0	0	200,000	0
7862.097	Telephone Equipment for Voice Over Internet Protocol	0	0	0	500,000	0
7862.098	Shared Use/ Flight Information Display Screen Hardware Refresh	0	0	0	3,000,000	0
7862.099	Electronic Video Information Display System Large Displays	0	0	0	2,000,000	0
7862.1	Information Systems Equipment Replacement End of Life/End of Service	0	0	0	4,000,000	0
7862.102	Radio Frequency Identification (RFID) Hardware Tracking Expansion FY20	0	200,000	0	0	0
7862.103	Terminal Flight Information Display Screens Replacements - FY23	0	0	0	0	2,000,000
7862.104	Electronic Visual Information System Display Outside Replacements - FY23	0	0	0	0	750,000
7862.105	Shared Use Equipment Replacement End of life/end of service FY23	0	0	0	0	3,000,000
7862.106	Parking Virtual Network Infrastructure Replacement FY23	0	0	0	0	100,000
7862.107	Replace End of Life Motorola Handheld Radios FY23	0	0	0	0	165,000
7862.108	Info Systems Equipment Replacement End of life/End of service FY23	0	0	0	0	2,500,000
7862.109	Compellent Arrays - Security system Video Storage Expansion FY23	0	0	0	0	200,000
9144.018	CTM Security Incident Event Management System	250,000	83,575	0	0	0
9144.019	Austin Public Health (APH) Electronic Health Records	291,557	0	0	0	0
9144.02	Library Radio Frequency Identification (RFID)	244,887	0	0	0	0
9144.021	Library Digital Services	595,318	0	0	0	0
9144.022	ATD Permitting Geographic Information System (GIS) Integration	73,272	0	0	0	0
9144.023	ATD Special Events Permitting	400,000	278,793	0	0	0
9144.024	Municipal Court's Case Management System (CMS)	1,700,000	2,000,000	0	0	0
9144.025	Real Estate Inventory	468,888	164,923	156,000	0	0
9144.031	File Transfer Protocol (FTP)	309,908	0	0	0	0
9145.012	AMANDA 5.0	1,100,000	952,800	0	0	0
9145.018	MAXIMO	104,945	0	0	0	0
9145.02	Enterprise Service Bus (ESB)	809,759	0	0	0	0
10417.003	Wireless Vehicle Equipment	4,168,632	0	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
10417.004	Public Safety Mobile Data Communications Upgrade	6,246,914	0	0	0	0
10417.006	Digital Mobile Audio/Video (DMAV) Power Cell Replacement	990,000	440,000	330,000	0	0
10417.007	GATRRS Service Monitors and Network Test Equipment	105,000	0	0	0	0
10418.003	COATN 2	1,549,140	0	0	0	0
10418.006	Data Center Relocation and Design	3,328,356	0	0	0	0
10418.008	Google Fiber	259,401	0	0	0	0
10418.012	Secondary Internet Connection	463,708	0	0	0	0
10418.013	CTM Service Desk Tracking System	400,000	50,000	0	0	0
10418.014	Distributed Denial of Service (DDoS) mitigation	100,000	100,000	100,000	100,000	0
12340.001	Wireless Critical Technology Replacement Parent	776,000	0	0	0	0
12340.003	WiFi Public Safety	60,000	0	0	0	0
12341.001	CTECC Critical Technology Replacement Parent	3,411,000	0	0	0	0
Total		70,673,241	31,904,411	9,805,768	13,326,667	12,581,461

Land Acquisition

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5234.044	Onion Creek Metro Park - Development	769,329	364,608	0	0	0
5234.054	Land Acquisition - Armadillo	0	162,500	0	0	0
5234.059	Land Acquisition - North Star Greenbelt	0	15,000	0	0	0
5234.06	Land Acquisition - Davis Lane	0	20,000	0	0	0
5234.062	Land Acquisition - 5205 Tahoe Trail	0	6,180	0	0	0
5234.066	Land Acquisition - Williamson Creek East Greenbelt	0	20,000	0	0	0
5234.067	Land Acquisition - 5918 East Stassney	0	158,152	0	0	0
5749.007	Easements and Utility Relocations for In house Projects	0	450	0	0	0
6039.115	Citywide - Urban Land Acquisition	0	0	0	0	950,000
9503.001	Site Acquisition - Region 2, Adam Sector	2,131,992	852,996	852,996	427,016	0
10459.004	Land Acquisitions and Development	0	245,772	0	0	0
12360.001	Land Acquisition - Wells Creek Greenbelt	0	8,098	0	0	0
Total		2,901,321	1,853,756	852,996	427,016	950,000

Landfills

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5698.014	FM 812 Additional Closure Work and Letdown Repair	730,000	212,077	940,046	0	0
Total		730,000	212,077	940,046	0	0

Lift Station

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
2056.006	Water Distribution & Lift Station SCADA Improvements Phase I	748,700	675,000	280,000	0	0
2056.007	Water Distribution & Lift Station SCADA Improvements Phase II	777,200	1,188,000	374,200	321,000	328,000
2056.01	Facility SCADA Improvements IDIQ Contract FY17-20	55,000	55,000	15,000	0	0
2056.014	Facility SCADA Improvements IDIQ Contract FY21-26	0	0	50,000	50,000	50,000
3168.014	Lift Station Improvements Future Program	0	0	0	500,000	1,500,000
3168.033	South Area Lift Station Improvements: Bluffington #1 Force Main Replacement	45,000	45,000	180,000	225,000	0
3168.054	Govalle Wastewater Flow Diversion	872,000	3,215,000	0	0	0
3168.057	Rock Harbour Lift Station Improvements	727,000	700,000	700,000	0	0
3168.059	South Area Lift Station Improvements: Pearce Lane Upgrade & New Force Main	100,000	100,000	350,000	100,000	100,000
3168.064	Northwest Area Lift Station Improvements: Four Points #1 Lift Station	6,200	21,000	50,000	560,000	403,000
3168.065	West Bank Redundant Force Main	50,000	70,000	100,000	50,000	50,000
3168.067	Developer Lift Station Inspector Services	75,000	75,000	75,000	75,000	75,000
3168.074	Northwest Area Lift Station Improvements: Four Points #2 Lift Station	0	52,089	156,268	442,089	500,000
3168.075	Northwest Area Lift Station Improvements: Great Hills Lift Station	0	0	0	10,000	750,000
3168.076	South Area Lift Station Improvements: Barton Creek Plaza	50,000	375,000	750,000	0	0
3168.077	Gonzales Lift Station Abandonment	4,000	0	0	0	0
3168.078	Northwest Area Lift Station Improvements: Great Hills Lift Station Evaluati	190,000	0	0	0	0
3168.085	Northwest Area Lift Station Improvements: Boulder Lane Lift Station	30,000	50,000	100,000	500,000	744,144
3168.086	Northwest Area Lift Station Improvements: Spring Lake #2 Lift Station	150,000	0	0	0	0
3168.087	South Area Lift Station Improvements: Travis Country Lift Station Improve	0	100,000	100,000	20,000	20,000

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
3168.089 Northwest Area Lift Station Improvements: McNeil Lift Station Improvements	0	0	20,000	250,000	750,000
3168.092 Old Lampasas Lift Station Improvements	0	0	0	0	250,000
3168.093 Bee Cave Woods Lift Station Improvements	0	0	0	0	220,000
3168.115 Coomer Path Lift Station Pump Upgrades	0	300,000	0	0	0
3168.118 Northwest Area Lift Station Improvements: Four Points Center Lift Station	0	5,800	20,000	230,000	325,000
3168.124 Davis Springs #2 Lift Station Demolition	0	0	0	0	50,000
3168.126 William Wallace Way Lift Station Demolition	0	0	0	0	50,000
3168.127 Nuckols Crossing Lift Station Demolition	0	0	0	0	50,000
3168.128 Bradshaw Crossing Lift Station Demolition	0	0	0	0	50,000
3168.129 Circle C #1 Lift Station Demolition	0	0	0	0	50,000
3168.14 Southland Oaks Lift Station Flood Rehabilitation	5,000	0	0	0	0
Total	3,885,100	7,026,889	3,320,468	3,333,089	6,315,144

Other

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
4953.015	Water Quality Protection Land Fencing Improvements	0	0	250,000	250,000	300,000
4953.02	Rutherford Ranch Road Renewal	0	400,000	0	0	0
4953.029	Barn Bathroom Installation	80,000	0	0	0	0
4953.03	Spillar Tract Net Wire Fencing	0	120,000	0	0	0
4953.031	Onion Tract High Game Fencing	200,000	100,000	0	0	0
4953.032	Ed's Crossing High Game Fence	125,000	0	0	0	0
4953.033	Water Quality Protection Lands Wildflower Net Wire Fence	0	120,000	0	0	0
4953.034	Water Quality Protection Lands Hudson Tract Water Gap Fencing	0	80,000	0	0	0
4953.035	Water Quality Protection Lands Little Bear Tract/Reunion High Game Fence	95,000	0	0	0	0
4953.037	Reicher Ranch Fire Safety Improvements	100,000	0	0	0	0
6039.018	Parent Account - Watershed Contingency Fund	0	0	0	0	6,552,320
6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	44,128	0	0	0	0
7067.007	CapMetro ILA Program - Future Projects	3,000,000	1,800,143	0	0	0
7067.01	8400 Fund Pending Items	75,000	0	0	0	0
7108.002	Cesar Chavez St. Promenade PH II	0	0	45,889	10,511	0
7328.014	Green WTP Redevelopment	50,000	50,000	0	0	0
7593.005	Boardwalk Trail at Lady Bird Lake	171,000	0	0	0	0
8278.001	Art Restoration	35,000	35,000	18,299	0	0
9083.006	Waller Creek District - Sabine St. Promenade	22,222	0	0	0	0
11280.003	Transportation Improvements - Future Projects	1,684,709	0	0	0	0
12080.001	Safe Routes to School Infrastructure Plan	600,498	188,059	0	0	0
12080.002	Safe Routes to School Program Management	100,000	100,000	100,000	100,000	100,000
Total		6,382,557	2,993,202	414,188	360,511	6,952,320

Palmer Events Center (PEC)

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
5218.008 PEC Improvements and Upgrades	1,585,000	650,000	0	0	0
Total	1,585,000	650,000	0	0	0

Parking

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
7333.001	Parking Meter Pay Stations	275,152	266,172	0	0	0
10553.03	University Area Partners - W. 25th Street Project	0	274,000	480,000	0	0
Total		275,152	540,172	480,000	0	0

Parks

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5217.017	Town Lake Metro Park - Alliance Children's Garden	2,101,123	683,387	0	0	0
5217.018	Town Lake Metro Park - Holly-Festival Master Plan Implementation Phase 1	292,880	1,334,057	0	0	0
5217.03	Town Lake Metro Park - Dumpster Enclosure	33,627	0	0	0	0
5217.034	Town Lake Metro Park - Festival Beach Restroom	0	500,000	0	0	0
5234.044	Onion Creek Metro Park - Development	260,497	200,000	0	0	0
5237.009	Roy G. Guerrero Colorado River Park - Channel Repair	343,831	2,183,625	0	0	0
5730.008	Colony District Park - General Park Improvements	630,062	45,000	0	0	0
6066.032	Zilker Metro Park - Barton Creek Trailhead Restroom & Water Quality Imps	56,100	0	0	0	0
6066.034	Zilker Metro Park - Preliminary Design and Phase 1 Implementation	250,000	236,903	0	0	0
6066.045	Zilker Metro Park - Fertigation System	13,361	0	0	0	0
6066.05	Zilker Metro Park - Cafe Renovation	23,444	0	0	0	0
6498.004	Gus Garcia District Park - Phase 3 Improvements	22,854	0	0	0	0
7555.007	Montopolis Neighborhood Park - General Park Improvements	30,000	147,500	0	0	0
7558.004	Bartholomew District Park - Trail Improvements	165,849	0	0	0	0
7561.003	Govalle Neighborhood Park - Park Improvements	42,250	0	0	0	0
7564.005	Givens District Park - Park Improvements Concept Plan	54,488	0	0	0	0
7568.007	Dove Springs District Park - Recreation Center Expansion	122,168	12,000	0	0	0
7592.002	Ricky Guerrero Pocket Park - General Park Improvements	90,000	0	0	0	0
8018.002	Little Stacy Neighborhood Park - General Park Improvements	237,928	0	0	0	0
8378.011	FY17 PLD Appropriations	0	1,007,403	1,002,915	0	0
8378.012	FY 18 PLD Appropriations	0	1,844,843	1,099,267	540,886	0
8438.003	Duncan Neighborhood Park - General Park Improvements	0	159,217	0	0	0
8538.005	Emma Long Metro Park - Preliminary Design and Phase 1 Implementation	905,790	1,164,164	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
8743.002	Eastwoods Neighborhood Park - Playscape Improvements	500	0	0	0	0
8843.002	Bull Creek District Park - General Park Improvements	400,000	246,800	0	0	0
9083.003	Waller Creek District	0	689,488	0	0	0
9083.004	Waller Creek District - Waterloo Park	1,624,399	0	0	0	0
9083.005	Waller Creek District - Palm Park	250,000	1,085,332	0	0	0
9083.021	Waller Creek District - Waterloo Construction Drawings	244,238	0	0	0	0
9743.002	Walsh Boat Landing - Site Improvements	189,763	537,374	0	0	0
9783.002	East Bouldin Creek Greenbelt	0	10,212	0	0	0
9904.002	Comal Pocket Park - General Park Improvements	83,364	0	0	0	0
10210.002	Wooldridge Square - Phase 2 Improvements	133,814	0	0	0	0
10482.001	Eilers Neighborhood Park - General Park Improvements	183,976	0	0	0	0
10485.001	Oak Hill - Land Acquisition	114,503	0	0	0	0
10486.001	Veterans Pocket Park - Preliminary Design and Phase 1 Development	188,736	0	0	0	0
11380.001	Velasquez Plaza	256,000	15,876	0	0	0
11461.001	Brentwood Park Playground Improvements	0	24,826	0	0	0
11500.001	Georgian Acres - Park Development	330,045	30,000	0	0	0
12020.001	Reilly Pocket Park - Tot-Lot	0	283,845	0	0	0
12020.002	Williams Pocket Park - Tot-Lot	0	263,250	0	0	0
12020.003	Ortega Pocket Park - Tot-Lot	0	215,541	0	0	0
Total		9,675,590	12,920,643	2,102,182	540,886	0

Planning/Studies

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
6039.106 Citywide - Channel Geometry Study and Erosion Zone Mapping	300,000	0	0	0	0
6660.027 Multi-Site Edwards Aquifer and Barton Springs Zone Dye Studies	0	0	0	0	11,920
6735.029 Downtown Wayfinding Master Plan & Impl (Downtown Austin Plan)	517,225	0	0	0	0
6938.002 Floodplain Study and Mapping	800,000	500,000	663,025	400,000	400,000
6999.004 HazMat Study	26,866	0	0	0	0
6999.007 Smart Trips Program - CapMetro	150,000	150,000	150,000	150,000	0
7863.006 Airport Master Plan Update	320,000	0	0	0	0
7864.003 ABIA Regional Economic Study	115,000	0	0	0	0
7864.004 Systems Upgrades Study	1,000,000	0	0	0	0
8318.003 Domain Sales Tax	224,160	0	0	0	0
11280.003 Transportation Improvements - Future Projects	276,799	0	0	0	0
Total	3,730,050	650,000	813,025	550,000	411,920

Pump Station

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2006.019	Pressure Point Improvements Phase 1	170,731	170,731	193,028	81,479	0
2006.02	Lookout Lane Pump Station Improvements	702,391	134,630	0	0	0
2006.023	Guildford Cove Pump Station Improvements	300,000	270,420	0	0	0
2006.024	Glenlake Pump Station Decommissioning	430,679	159,668	0	0	0
2006.026	Howard Lane Pump Station Improvements	50,000	0	0	0	0
2006.028	South Service Center Uninterruptible Power Supply Replacement	45,222	0	0	0	0
2006.035	Davis Lane Pump Station Improvements	70,053	0	0	0	0
2006.036	Spicewood Springs Pump Station Mechanical and I&C Improvements	0	0	0	0	209,244
2006.037	Jollyville Pump Station Hydraulic and Site Improvements	0	0	0	0	750,000
2006.038	East Austin Pump Station I&C Improvements	750,000	0	0	0	0
2056.004	Water Distribution SCADA - Energy & Water Quality Management Phase I	571,471	378,597	959,090	98,976	336,085
2056.005	Water Distribution SCADA - Energy & Water Quality Management Phase II	0	0	0	0	151,824
2056.006	Water Distribution & Lift Station SCADA Improvements Phase I	462,000	430,000	666,000	393,000	0
2056.007	Water Distribution & Lift Station SCADA Improvements Phase II	228,800	448,000	967,800	570,000	560,000
2056.01	Facility SCADA Improvements IDIQ Contract FY17-20	55,000	55,000	15,000	0	0
2056.014	Facility SCADA Improvements IDIQ Contract FY21-26	0	0	50,000	50,000	50,000
2127.012	North Austin Reservoir & Pump Station Improvements	1,274,632	5,490,000	4,990,000	700,550	0
6621.033	Pump Station Security Access System Upgrade	0	0	0	150,000	150,000
Total		5,110,979	7,537,046	7,840,918	2,044,005	2,207,153

Reclaimed Water Network

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
3333.037	South Austin Regional WWTP Sludge Transfer Line and Reclaimed Water Line	370,000	1,130,000	443,000	11,000	0
5234.044	Onion Creek Metro Park - Development	75,000	0	0	0	0
5267.025	Onion Creek Reclaimed Water Main Phase 1	450,000	3,960,000	1,670,000	30,000	0
5267.034	Mains to Capitol Complex/Austin Independent School District	5,000	0	0	0	0
5267.035	Montopolis Reclaimed Water Reservoir and Pump Station	2,328,250	883,250	440,000	0	0
5267.036	Burleson Road Reclaimed Water Pressure Conversion	1,535,000	2,125,000	535,000	0	0
5267.037	Cemetery Reclaimed Water Main	820,933	2,334,000	1,027,000	8,000	0
5267.04	West 6th Street (San Antonio to MoPac) Reclaimed Water Main	0	0	0	0	110,000
5267.041	Oltorf Road Reclaimed Water Main Phase 1 (Montopolis Drive to Parker Lane)	45,000	330,000	440,000	1,370,000	2,580,000
5267.042	Oltorf Road Reclaimed Water Main Phase 2 (Parker Lane to S. Congress)	0	45,000	330,000	440,000	1,070,000
5267.044	Barton Springs Rd/S Congress Reclaimed Water Main	0	0	45,000	330,000	440,000
5267.046	Main to Junction 420 (Downtown Area)	80,000	3,000	0	0	0
5267.049	Decker Lane Reclaimed Water Main Phase 1A	910,000	2,410,000	280,000	20,000	0
5267.056	William Cannon Reservoir	400,000	0	0	0	0
5267.061	Onion Creek Reclaimed Water Main Phase 2	0	0	0	0	100,000
5267.062	Krieg Fields Reclaimed Water Line – Permanent Restoration - FEMA	30,000	102,500	175,000	2,500	0
5267.068	Onion Creek District Park Reclaimed Main Phase 2	187,000	271,000	116,000	19,000	0
5267.07	Burleson Road Pressure Conversion Phase 1	3,526,050	252,035	0	0	0
Total		10,762,233	13,845,785	5,501,000	2,230,500	4,300,000

Reservoir

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
2127.012	North Austin Reservoir & Pump Station Improvements	2,251,629	7,900,000	7,810,000	1,090,000	0
2127.016	Southwest Parkway Southwest B Elevated Reservoir	0	0	0	40,000	260,000
2127.03	Lost Creek Reservoirs Improvements Project	68,000	0	0	0	0
2127.034	Four Points Elevated Tank Improvements	0	82,000	0	0	0
2127.035	Leuthan Lane Tank Improvements	1,700,000	0	89,040	0	0
2127.036	Aquifer Storage & Recovery Pilot	75,000	250,000	600,000	1,000,000	1,155,000
2127.039	Forest Ridge Reservoir Improvements	1,750,000	0	58,118	0	0
2127.04	Lookout Lane/Neverbend Reservoir Improvements	0	0	330,279	1,800,000	0
2127.041	Mt. Larson/Westlake Reservoir Improvements	0	0	0	238,878	1,150,000
2127.042	Slaughter Lane Reservoir Improvements	0	300,000	2,400,000	0	64,548
2127.045	Davis Lane #1 Reservoir Improvements	357,330	3,242,670	0	155,310	0
Total		6,201,959	11,774,670	11,287,437	4,324,188	2,629,548

Sidewalks

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5769.093	ADA Ramp and Bus Stop Improvements City Wide	1,114,349	1,500,000	1,500,000	1,000,000	666,906
5769.106	N Lamar - Parmer to 183 Sidewalk	828,107	0	0	0	0
5769.107	Sidewalk Fee in Lieu Program	100,000	100,000	100,000	100,000	100,000
5769.109	Local Mobility ADA Sidewalk and Ramp Improvements Group #19 City Wide	4,577	0	0	0	0
5769.11	CapMetro Building Greater Austin new sidewalk projects	347,480	0	0	0	0
5769.114	Street & Bridge 2016 Mobility Bond - Small Projects and Curb Ramps	120,000	0	0	0	0
9083.006	Waller Creek District - Sabine St. Promenade	620,155	23,000	0	0	0
9383.002	North Lamar Blvd and Burnet Rd Corridor Improvements	330,000	400,000	0	0	0
10553.03	University Area Partners - W. 25th Street Project	54,218	0	0	0	0
10796.018	Red Line Trail - Walnut Creek Trail to Braker Ln	330,000	300,000	600,000	1,400,000	2,200,000
11580.001	Sidewalks IDIQ - 1/4¢ Fund	1,215,572	582,694	0	0	0
11580.012	Berkman from 51st St. to HWY 290 Mobility and Safety Improvements	56,528	0	0	0	0
11580.014	Casis Elementary Operational and Safety Improvements - 1/4¢ Fund	137,420	0	0	0	0
11580.016	Pedestrian Bridge McNeil Dr and Jekel Circle - 1/4¢ Fund	38,793	0	0	0	0
11580.023	Sidewalks In House - 1/4¢ Fund	214,807	0	0	0	0
12080.015	Kocurek Elementary - Aftonshire Way Sidewalks	88,102	0	0	0	0
12080.018	Summit Elementary - Adelphi Ln Sidewalk	105,500	0	0	0	0
12120.001	Sidewalk Program - 2016 Bond	1,158,679	5,121,724	5,806,928	6,000,000	4,000,000
12120.003	Brentwood Neighborhood ADA Sidewalk and Curb Ramp Improvements	366,000	257,261	199,882	0	0
12120.006	Burton Dr and Freidrich Ln ADA Sidewalk and Curb Ramp Improvements	9,110	0	0	0	0
12120.008	Sidewalk Program - 2016 Bond Project Assessment and Development	500,000	200,000	0	0	0
12120.009	2016 Mobility Bond - Small Projects and Curb Ramps	100,000	0	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
12120.011	Webberville Rd Area ADA Sidewalk/Ramp, Bikeway and Urban Trail Improvements	19,331	35,197	0	0	0
12120.012	Windsor Park Area ADA Sidewalk and Curb Ramp Improvements	256,361	271,022	143,072	0	0
12120.013	E 51st Street Area ADA Sidewalk and Curb Ramp Improvements	15,564	0	0	0	0
12120.014	Georgian Dr and Deen Ave Area ADA Sidewalk and Curb Ramp Improvements	150,000	82,363	0	0	0
12120.015	2016 Mobility Bond Sidewalk Projects - Phase 2 Central Austin	2,940,677	0	0	0	0
12120.016	Chestnut Ave, Poquito St, Alamo St, and 21st St Area ADA Sidewalks	285,000	140,680	0	0	0
Total		11,506,330	9,013,941	8,349,882	8,500,000	6,966,906

Streets - Capacity

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5386.004	Riverside Dr Corridor Improvements - 2012 Bond (at Lakeshore Blvd)	172,739	0	0	0	0
5401.004	E. 51st Street Improvements	2,345,000	379,901	0	0	0
7067.007	CapMetro ILA Program - Future Projects	0	1,000,000	320,928	0	0
9203.001	Utility Relocation Design Lavaca St. and Guadalupe St.	186,801	0	0	0	0
9224.001	IH 35 Corridor Development Program	115,587	0	0	0	0
11280.001	2012 Bond - Future Projects	500,000	1,501,936	0	0	0
11280.002	2010 Bond - Future Projects	28,046	0	0	0	0
11280.006	2016 Bond Corridor Mobility Program - Future Projects	0	1,000,458	1,000,000	1,500,000	1,500,000
11580.017	Pleasant Valley Bridge Prelim Study and Near Term Improvements - 1/4¢ Fund	238,000	156,000	229,903	0	0
11880.001	Spicewood Springs Road Regional Mobility Improvements	260,000	260,000	250,000	2,140,000	6,300,000
11880.002	Anderson Mill Road Regional Mobility Improvements	251,811	183,250	400,000	3,150,000	2,822,188
11881.001	Old Bee Caves Road Bridge Regional Mobility Improvements	250,000	0	3,750,000	4,000,000	0
11881.002	Loop 360 Regional Mobility Improvements	0	0	0	26,000,000	9,000,000
11881.003	RM 620 at RM 2222 Regional Mobility Improvements	2,256,209	0	0	0	0
11881.004	Parmer Lane (FM 734) Improvements	0	0	17,000,000	0	0
11882.001	Corridor Construction Program Development & Implementation	3,165,000	2,500,000	2,000,000	1,000,000	750,000
11883.001	North Lamar Boulevard Corridor Improvements	4,100,000	3,125,000	1,600,000	9,700,000	27,600,000
11884.001	Burnet Road Corridor Improvements	3,700,000	2,200,000	2,100,000	16,200,000	20,400,000
11885.001	E. Riverside Drive Corridor Improvements	4,900,000	8,450,000	9,000,000	12,500,000	19,700,000
11886.001	Airport Boulevard Corridor Improvements	5,100,000	3,000,000	4,300,000	31,300,000	30,100,000
11887.001	South Lamar Boulevard Corridor Improvements	2,200,000	1,500,000	500,000	9,100,000	16,900,000
11888.001	Guadalupe Street Corridor Improvements	2,100,000	1,200,000	800,000	6,600,000	6,500,000
11889.001	William Cannon Drive Corridor Mobility Plan	10,000	0	0	0	0
11889.002	William Cannon Drive Corridor Improvements	3,000,000	1,760,000	2,000,000	13,500,000	16,600,000

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
11890.001	Slaughter Lane Corridor Mobility Plan	15,000	0	0	0	0
11890.002	Slaughter Lane Corridor Improvements	3,700,000	2,400,000	2,200,000	17,800,000	16,500,000
11891.001	East Martin Luther King Jr. Boulevard Corridor Mobility Plan	245,000	35,000	0	0	0
11891.002	E. Martin Luther King Jr. Boulevard / FM 969 Corridor Improvements	500,000	300,000	500,000	3,400,000	3,100,000
11892.001	North Lamar Boulevard / Guadalupe Street Corridor Mobility Plan	255,000	20,000	0	0	0
11893.001	West Rundberg Lane Corridor Mobility	52,000	57,000	0	0	0
11894.001	East Rundberg Lane Corridor Mobility	130,000	237,000	0	0	0
11895.001	Colony Loop Drive Corridor Mobility	115,000	163,000	135,000	75,000	0
11896.001	South Congress Avenue Corridor Mobility Plan	239,000	170,000	0	0	0
11897.001	Manchaca Road Corridor Mobility Plan	175,000	33,000	0	0	0
11898.001	South Pleasant Valley Road Corridor Mobility Plan	255,000	37,000	0	0	0
11900.009	Brodie Lane Improvements	0	0	0	230,000	0
Total		40,560,193	31,668,545	48,085,831	158,195,000	177,772,188

Streets - Renewal

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5873.031	Barton Springs Rd. Bridge over Barton Creek	276,508	117,745	0	0	0
6319.006	Congress Ave. Streetscape Improvements - Urban Design	425,629	0	0	0	0
6319.007	Fallwell Lane Capital Renewal Project	500,000	500,000	500,000	500,000	1,325,077
6319.013	Jain Lane Street Realignment	287,000	1,770,000	1,740,368	664,000	3,393,632
6319.014	Meadow Lake Blvd Street Extension	1,305,000	1,333,000	230,000	1,980,000	0
6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	1,105,652	51,463	0	0	0
7067.003	2010 Bond - Future Projects	61,275	0	0	0	0
7108.002	Cesar Chavez St. Promenade PH II	93,902	0	0	0	0
7487.003	Braker Lane Extension - Samsung Blvd to Harris Branch Pkwy (County Funded)	9,000	9,000	7,500	6,024	0
8158.004	3rd St Phase 4 - Guadalupe St. to Nueces St.	127,321	0	0	0	0
9083.006	Waller Creek District - Sabine St. Promenade	2,226,000	553,922	0	0	0
9383.002	North Lamar Blvd and Burnet Rd Corridor Improvements	3,200,000	3,175,000	2,000,000	2,579,496	2,000,000
11900.002	Cooper Lane Substandard Street Preliminary Engineering	105,343	133,490	137,702	33,046	0
11900.003	Ross Road Substandard Street Preliminary Engineering	90,717	96,998	96,967	140,923	0
11900.004	Circle S Road Substandard Street Preliminary Engineering	103,804	110,651	110,603	82,134	0
11900.005	Rutledge Spur Substandard Street Preliminary Engineering	101,800	108,889	111,640	38,787	0
11900.006	Davis Lane Substandard Street Preliminary Engineering	113,227	121,111	121,111	36,697	0
11900.007	Latta Drive/Brush Country Substandard Street Preliminary Engineering	115,395	123,429	123,429	38,692	0
11900.008	Johnny Morris Road Substandard Street Preliminary Engineering	116,518	124,630	124,629	30,528	0
11900.01	FM 1626 Substandard Street Preliminary Engineering	114,190	122,139	122,139	42,104	0
Total		10,478,281	8,451,467	5,426,088	6,172,431	6,718,709

Streets - Safety

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
1152.029	Local Area Traffic Management 12A Funding Round	293,359	214,344	0	0	0
1152.03	Local Area Traffic Management & Intersection Improvements IDIQ12B	243,180	0	0	0	0
1152.031	Local Area Traffic Management 13A Funding Round	791,538	0	0	0	0
1152.032	Local Area Traffic Management 13B Funding Round	95,000	85,000	82,936	0	0
1152.033	Local Area Traffic Management (LATM) - 15B	6,000	0	0	0	0
1152.039	Local Area Traffic Management (LATM) - 16A	116,920	300,000	0	0	0
5267.07	Burleson Road Pressure Conversion Phase 1	17,498	0	0	0	0
6598.032	Slaughter @ Manchaca Intersection Improvements	923,079	0	0	0	0
7067.002	8400 Fund - Future Projects	907,651	441,000	441,000	441,000	441,000
11580.005	Local Area Traffic Management (LATM) - 1/4¢ Fund	28,800	41,200	0	0	0
11580.006	Geometric Improvements - 1/4¢ Fund	62,855	46,492	0	0	0
11580.007	Traffic Engineering - 1/4¢ Fund	0	0	0	127,100	0
11580.012	Berkman from 51st St. to HWY 290 Mobility and Safety Improvements	110,000	0	0	0	0
11899.001	Intersection Safety Improvements - 2016 Bond	20,000	200,000	730,000	1,700,000	1,750,000
11899.002	Pleasant Valley/Elmont Intersection Safety Improvements	400,000	0	0	0	0
11899.003	Slaughter/South 1st Intersection Safety Improvements	900,000	700,000	95,930	0	0
11899.004	South Congress/Oltorf Intersection Safety Improvements	366,552	0	0	0	0
11899.005	Slaughter/Cullen Intersection Safety Improvements	200,000	54,000	0	0	0
11899.006	IH-35/Braker Intersection Safety Improvements	605,000	500,000	100,000	0	0
11899.007	45th St / Red River St Intersection Safety Improvements	90,000	10,000	0	0	0
11899.008	E Oltorf / Parker Ln. Intersection Safety Improvements	25,000	415,000	520,000	240,000	0
11899.009	Braker Ln./Stonelake Blvd. Intersection Safety Improvements	25,000	215,000	300,000	100,000	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
12080.003	Safe Routes to School Program - 2016 Bond	944,296	4,811,941	5,500,000	5,400,000	4,700,000
12080.004	Akins High School - S 1st St Pedestrian Improvements	285,000	0	0	0	0
Total		7,456,728	8,033,977	7,769,866	8,008,100	6,891,000

Streetscapes

Subproject	Spend Plan				
	2019	2020	2021	2022	2023
7327.035 Waller Creek (2 block faces)	200,000	0	0	0	0
7327.039 4th Street (Trinity to Rio Grande)	300,000	200,000	0	0	0
7327.04 West 6th Street (Congress to Lamar)	0	250,000	250,000	0	0
7327.042 5th Street (IH-35 to Lamar)	0	500,000	0	0	0
7327.047 Great Streets Light Pole	400,000	300,000	0	0	0
Total	900,000	1,250,000	250,000	0	0

Traffic Signals and Systems

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
5771.08	ATD Signs and Markings Work	18,705	0	0	0	0
5828.013	Citywide, Intelligent Transportation System Expansion	632,885	20,846	0	0	0
5828.024	Traffic Signal Modifications/Upgrades - Misc	0	7,004	0	0	0
5828.031	Citywide, Traffic Signal Modifications and Upgrades - 2012 Bond	53,324	10,785	0	0	0
5828.04	Regional Intelligent Transportation System	199,840	0	0	0	0
5828.042	Surface Transportation Program-Metropolitan Mobility Grant (STPMM)	1,221,451	657,606	0	0	0
5828.043	Traffic Signal Operation Optimization and Upgrades	600,955	399,854	200,000	0	0
5828.044	Pedestrian Hybrid Beacons & Rapid Flashing Beacons - New	55,737	0	0	0	0
5828.046	TxDOT TAP Grant - Pedestrian Safety Citywide	1,683,814	0	0	0	0
6999.007	Smart Trips Program - CapMetro	37,351	75,000	150,000	0	0
Total		4,504,062	1,171,095	350,000	0	0

Trails

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5217.019	Town Lake Metro Park - Butler Trail Enhancements	18,150	0	0	0	0
5261.003	Northern Walnut Creek Hike and Bike Trail Phase 2	140,000	1,005,000	2,315,000	675,653	10,000
5261.004	Northern Walnut Creek Hike and Bike Trail Phase 1-A	193,627	0	0	0	0
5282.033	Shoal Creek Restoration - 15th to 28th Streets	55,912	10,000	0	0	0
5953.003	Circle C Ranch Metro Park - Veloway Trail Improvements	966,974	0	0	0	0
6051.005	Shoal Creek Greenbelt - Trail Improvements / 4th Street Gap	136,676	0	0	0	0
6066.032	Ziiker Metro Park - Barton Creek Trailhead Restroom & Water Quality Imps	22,743	0	0	0	0
7593.005	Boardwalk Trail at Lady Bird Lake	17,572	0	0	0	0
10796.003	Upper Boggy Creek Trail Phase 1	2,031,648	1,000	0	0	0
10796.006	Violet Crown Trail - South	9,660	0	0	0	0
10796.007	Country Club Creek Trail - Burleson Rd to Ventura Dr	227,418	0	0	0	0
10796.008	YBC Urban Trail	550,000	500,000	800,000	2,400,000	2,200,000
10796.011	Violet Crown Trail - North	186,900	20,500	0	0	0
10796.012	Country Club Creek Trail - Elmont Dr to E Oltorf St	250,000	1,400,000	2,200,000	2,580,000	20,000
10796.016	Southern Walnut Creek Renovation	650,000	259,000	0	0	0
10796.017	Walnut Creek Trail Connector - La Loma	30,000	0	0	0	360,000
10796.02	Walnut Creek Trail PER - IH-35 to Southern Walnut Creek Trail	190,000	150,000	0	0	430,000
10796.021	Urban Trails Connections - 2016 Mobility Bond Plan	0	200,000	200,000	250,000	0
Total		5,677,280	3,545,500	5,515,000	5,905,653	3,020,000

Vehicles and Equipment

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
3185.007	Capital Equipment - Vehicles	2,835,554	2,835,554	2,835,554	2,835,554	2,835,554
5697.011	ARR Vehicle Fleet Technology Upgrades	1,468,665	1,031,335	0	0	0
5697.014	Curbside Compost Program Expansion	5,760,000	5,624,416	0	0	0
5697.016	Light, Medium, and Heavy Duty Equipment and Vehicles	8,147,024	7,709,232	8,585,541	11,181,217	12,256,244
5697.017	Trash and Recycling Containers	1,913,256	2,066,316	2,417,728	2,185,441	2,260,801
5697.018	Multi-Year Specialty CBD and Public Litter & Recycling Containers	147,320	60,000	60,000	60,000	60,000
5749.001	Equipment - Equipment Replacement and Additions	2,000,000	1,700,000	2,000,000	1,750,000	2,000,000
6011.025	State Inspection Machines	0	66,500	0	0	0
7088.001	Street & Bridge Vehicles and Equipment	3,025,000	737,000	0	0	0
9604.014	Parking Shuttle Replacement - 2019	1,124,862	0	0	0	0
9604.021	Parking Shuttle Replacement - 2020	0	943,163	0	0	0
9604.027	Capital Equipment FY2020	0	1,157,625	0	0	0
9604.028	Parking Shuttle Replacement - 2021	0	0	988,484	0	0
9604.039	Capital Equipment FY2021	0	0	1,215,500	0	0
9604.04	Capital Equipment FY2022	0	0	0	1,251,965	0
9604.041	Parking Shuttle Replacement - 2022	0	0	0	1,008,254	0
9604.042	Parking Shuttle Replacement 2023	0	0	0	0	1,028,419
9604.043	Capital Equipment FY2023	0	0	0	0	1,275,500
9604.045	Grounds Maintenance Division FY2019	254,000	0	0	0	0
10720.003	Vehicle Acquisition for FY 18	12,172,500	0	0	0	0
10938.003	FY14 Vehicle and Equipment Purchases	530,006	0	0	0	0
11018.001	Vehicles and Equipment - ATD	180,000	0	0	0	0
Total		39,558,187	23,931,141	18,102,807	20,272,431	21,716,518

Wastewater Pipe Network

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
1255.021	Blocks 2 & 4 Odor Abatement	90,000	150,000	72,417	0	0
2056.008	Annexation Telemetry-River Place MUD & Lost Creek MUD	291,093	0	0	0	0
2231.065	Water & Wastewater Misc Renewal Program FY12-FY16 - Austin Water Crews	25,000	25,000	25,000	25,000	25,000
2231.093	Southwest Allandale Neighborhood Water System Upgrades	50,000	200,000	200,000	0	0
2231.109	East Allandale White Rock Neighborhood Water & Wastewater System Renewal	435,000	350,000	170,000	0	0
2231.181	East Austin Wastewater Line Improvements	552,035	0	0	0	0
2231.197	Nueces Wastewater Rehab for W 8th to MLK	720,500	1,325,000	202,000	0	0
2231.211	Real Estate Services-Existing Wastewater Pipelines	20,000	20,000	20,000	20,000	20,000
2231.217	University Avenue Alley Water & Wastewater Pipeline Improvements	65,000	320,000	1,020,000	210,000	0
2231.223	Wastewater Renewal Future Program-AW Crews	0	0	20,000	40,000	40,000
2231.226	Rehab of Wastewater lines through Trenchless Process EPA SAAP Grant	43,333	0	0	0	0
2231.231	Wastewater Renewal Program-Manholes	410,000	410,000	410,000	410,000	460,000
2231.233	Brentwood Water & Wastewater Pipeline Renewal: Arcadia Avenue Area	147,843	676,459	1,096,731	551,300	0
2231.234	Rosedale Water & Wastewater Pipeline Renewal: Lawnmont Avenue Area	276,000	740,000	1,390,000	953,795	0
2231.235	Brentwood Water & Wastewater Pipeline Renewal: Houston Street Area	50,000	200,000	100,000	100,000	0
2231.236	Morrow and Gault Water & Wastewater Pipeline Renewal	730,250	2,188,750	600,000	300,000	0
2231.237	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Pipeline Renewal	277,989	31,401	0	0	0
2231.238	Bryker Woods Water & Wastewater Pipeline Renewal	109,500	372,500	1,182,000	184,239	0
2231.239	Tarrytown Water & Wastewater Pipeline Renewal: Hillview & Clearview Areas	58,239	299,000	228,000	0	0
2231.24	Old Enfield Water & Wastewater Pipeline Renewal: Newfield Lane Area	175,000	825,000	650,000	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2231.258	Hartford Rd Water and Wastewater Improvements	5,000	0	0	0	0
2231.263	Rehabilitation of Siphon Boxes on Walnut Creek 72	100,000	0	0	0	0
2231.264	Wastewater Collection System Rehab of Lines Group A	448,987	30,000	0	0	0
2231.265	Wastewater Collection System Replacement Lines Group A	677,783	14,510	0	0	0
2231.266	Wastewater Collection System Replacement Lines Group B	967,820	5,241	0	0	0
2231.268	Large Wastewater Interceptors Assessment - Pilot	131,397	100,000	0	0	0
2231.273	West Aliandale and Trailridge Drive Utility Line Renewal	443,511	594,000	708,500	579,378	0
2231.274	Schulle Branch Creek Aerial Wastewater Pipeline Crossing Renewal	395,000	767,745	0	0	0
2231.275	Wastewater Line Renewal And Spot Rehab Service Contract (2017 to 2019)	2,700,000	150,000	0	0	0
2231.28	Town Lake Basin Wastewater Pipeline Improvements - Group A	300,000	1,570,000	1,148,000	0	0
2231.281	Hyde Park Water & Wastewater Pipeline Renewal	271,425	1,200,000	1,200,000	0	0
2231.285	Asbestos Cement Water Pipe and Wastewater Line Replacement (Northeast)	60,478	278,199	520,555	75,410	0
2231.287	Galindo Street Water & Wastewater Pipeline Renewal	10,000	200,000	0	0	0
2231.288	Northumberland Road Water & Wastewater Pipeline Renewal	15,000	200,000	0	0	0
2231.291	Zilker Water & Wastewater Pipeline Renewal	111,195	111,195	800,000	1,150,000	0
2231.293	Arapahoe Trail Area Water & Wastewater Pipeline Renewal	5,000	5,000	5,000	5,000	0
2231.294	Barton Hills Water & Wastewater Pipeline Renewal: Horseshoe Bend Area	5,000	5,000	5,000	0	0
2231.297	Gloucester Lane Area Water & Wastewater Pipeline Renewal	30,000	300,000	300,000	0	0
2231.298	Harmon Avenue Area Water & Wastewater Renewal	75,303	250,232	853,594	626,435	0
2231.301	Wastewater Line Renewal And Spot Rehab Service Contract (2020 to 2022)	25,000	2,500,000	2,500,000	1,000,000	0
2231.302	Academy Drive Water & Wastewater Pipeline Renewal	200,000	200,000	6,500	0	0
2231.303	La Casa Drive Water & Wastewater Pipeline Renewal	90,000	90,000	0	0	0
2231.304	Beverly Road Water & Wastewater Pipeline Renewal	165,000	165,000	0	0	0
2231.305	Fort Upper Basin Wastewater Pipeline Renewal	100,000	100,000	100,000	100,000	200,000
2231.306	In Situ Wastewater Pipeline Renewal Group B	677,154	271,200	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2231.307	Rosedale North Water and Wastewater Pipeline Renewal Phase 2	141,053	311,296	335,298	200,000	0
2231.308	Wastewater Pipeline Replacement Program: Group C	245,000	630,000	865,000	117,000	0
2231.309	Martin Luther King Jr. West Water & Wastewater Pipeline Renewal	0	0	5,000	5,000	5,000
2231.31	Greater South River City North Water & Wastewater Pipeline Renewal	50,000	50,000	50,000	50,000	0
2231.311	Wilshire Blvd Area Water & Wastewater Pipeline Renewal	10,000	100,000	100,000	0	0
2231.312	Stonegate Water & Wastewater Pipeline Renewal	25,000	25,000	0	0	0
2231.313	Truman Heights Water & Wastewater Pipeline Renewal	10,000	25,000	25,000	0	0
2231.314	In Situ Wastewater Line Renewal Program (2018 to 2020)	400,000	925,000	925,000	925,000	100,000
2231.318	Brentwood Water & Wastewater Pipeline Renewal: Arcadia Avenue Phase 2	0	0	0	0	8,000
2231.32	Williamson Basin (South) & Boggy Basin (South) Wastewater Pipeline Renewal	10,000	20,000	30,000	200,000	500,000
2231.321	Buttermilk Basin Wastewater Pipelines Renewal	0	10,000	20,000	50,000	50,000
2231.327	Bull Creek Basin Wastewater Pipelines Renewal	240,000	1,060,000	1,020,000	1,000,000	0
2231.331	Sunny Lane Water and Wastewater Pipeline Replacement	36,000	40,000	100,000	0	0
2231.332	Robbins Place Area Water Pipeline Replacement	25,000	100,000	100,000	0	0
2231.334	Bryker Road Water and Wastewater Replacement	105,000	350,000	10,000	0	0
2231.339	West 9th Street Water and Wastewater Replacement	180,000	180,000	0	0	0
2231.341	Cherrywood Water and Wastewater Pipeline Renewal	2,000	15,000	15,000	0	0
2231.343	Renewal of Critical Wastewater Assets – Walnut Basins	10,000	20,000	50,000	50,000	100,000
2231.345	Asphalt and Concrete Restoration IDIQ Design & Management Services FY17-19	15,000	15,000	0	0	0
2231.349	Future Program Large Wastewater Interceptors Rehabilitation	0	50,000	100,000	200,000	250,000
2231.351	Renewal of Critical Wastewater Assets – SAR Basins	10,000	50,000	50,000	100,000	100,000

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2231.352	Renewal of City Wastewater Laterals	0	10,000	20,000	50,000	50,000
3212.006	Miscellaneous Pavement Improvements	10,000	10,000	10,000	10,000	10,000
3212.125	Wastewater Pipeline Relocations Future Program	0	0	150,000	400,000	400,000
3212.14	TxDOT-IH35 Improvements-Multiple Segments 51st St to William Cannon	20,000	0	0	0	0
3212.141	TxDOT-Loop 1 Water Line Relocation: Davis Lane to La Crosse Avenue	17,000	0	0	0	0
3212.151	TxDOT IH 35 Water and Wastewater line Relocation: Rundberg To 290E Segment	115,000	20,000	0	0	0
3212.16	TxDOT IH 35 South Waterline Relocation: Riverside Drive to SH 45 SE	55,000	445,000	95,000	10,000	0
3212.161	TxDOT FM 2222 WL Relocation: Bonaventure Drive to Ribelin Ranch Road	55,000	0	0	0	0
3212.162	TxDOT IH 35 Central WL Relocation: US 183 to Riverside Drive	145,000	1,085,000	365,000	0	0
3212.163	TxDOT IH 35 North (16) Project WL Relocation: SH 45 N to US 290	35,000	455,000	45,000	0	0
3353.107	Buratti Subdivision	0	0	0	0	3,232,083
3353.115	Austin Community College Wastewater Line E (SER-3145)	2,532,230	0	0	0	0
4769.01	Harris Branch Interceptor Lower A	593,000	22,500	0	0	0
4769.011	Upper Harris Branch Wastewater Improvements	456,209	152,071	2,511,825	2,511,825	0
4769.022	Upper Harris Branch Interceptor East	459,730	0	0	0	0
4769.023	Dessau Wastewater Treatment Plant Relief Interceptor	21,004	0	0	0	0
4857.03	Shady Hollow Annexation	100,000	50,000	50,000	50,000	50,000
4857.031	Annexation Projects Future Program	0	200,000	200,000	250,000	250,000
5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	210,000	1,460,000	550,000	0	0
5873.012	Red Bud Trail Bridge over Lady Bird Lake	7,639	7,639	7,639	7,639	7,639
6051.005	Shoal Creek Greenbelt - Trail Improvements / 4th Street Gap	13,000	0	0	0	0
6935.037	Highland Park Water and Wastewater Improvements	176,695	2,010,000	671,831	500,000	0
6943.003	Upper Tannehill Wastewater Interceptor Improvements Phase 2:Morris Williams	0	0	0	71,000	214,000
6943.004	Parmer Lane Interceptor	10,260,000	9,987,391	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
6943.016	Sanitary Sewer Evaluation Study - Govalle Tunnel Areas	1,000	20,000	400,000	400,000	0
6943.02	Walnut Creek Wastewater Plant to South Austin Regional WWTP Flow Transfer	500,000	200,000	0	0	0
6943.023	Lower Waller Interceptor	0	0	0	0	10,000
6943.025	Hergotz-Lockheed Wastewater Improvements	400,000	1,411,800	520,000	0	0
6943.026	Barton Creek Plaza Lift Station Downstream Improvements	709,000	1,095,000	805,000	0	0
6943.027	Crosstown Tunnel Centralized Odor Control Facility	368,000	318,000	2,119,000	510,000	0
6943.028	Onion Creek Tunnel Odor/Corrosion Control Improvements	0	0	0	10,000	50,000
6943.031	Williamson Creek Wastewater Interceptor	380,000	957,500	5,977,500	10,477,500	11,150,000
6943.032	Four Points Center Force Main Improvements	149,171	0	0	0	0
6943.034	Carson Creek Basin Wastewater Line Improvements	1,092,500	700,000	0	0	0
6943.035	FM 973 Wastewater Line Improvements	0	0	2,628,913	0	0
6943.036	30-Inch Wastewater Interceptor Easement Acquisition	25,000	200,000	0	0	0
6943.037	Waller Upper Basin Wastewater Improvements	50,000	0	0	0	0
6943.038	Shoal Upper Basin South Wastewater Improvements	50,000	0	0	0	0
6943.039	Shoal Upper Basin North Wastewater Improvements	50,000	0	0	0	0
6943.041	Barrington Oaks Downstream Gravity Improvements Phase 2	0	0	20,000	500,000	1,000,000
6943.042	Sanitary Sewer Evaluation Study - Crosstown Tunnel Area	200,000	0	0	0	0
6943.043	Harpers Branch Creek Interceptor	600,000	912,060	0	0	0
6943.044	Sanitary Sewer Evaluation Study - Onion Tunnel Area	0	0	5,000	20,000	400,000
6943.045	Upper Boggy West Wastewater Line Improvements- Phase 1	20,000	190,000	575,000	1,150,000	1,915,000
6943.046	Sanitary Sewer Evaluation Study - Walnut and Little Walnut Basins	160,000	0	0	0	0
6943.047	Review and Overview of the Wastewater Collection System	100,000	0	0	0	0
6943.048	Canterbury Lines	0	0	0	500,000	0
6943.049	Thousand Oaks Interceptor	400,000	400,000	289,600	1,751,200	1,500,000
6943.05	Onion Creek Odor Control Facility Stream Bank Stabilization	320,000	373,000	5,000	0	0
6943.051	Walnut Interceptor Odor and Corrosion Improvements	200,000	200,000	200,000	200,000	1,000,000

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6943.052	Boggy Lower Basin Inflow and Infiltration Study	175,000	1,000,000	0	0	0
6943.053	Burrell Drive Wastewater Improvements	618,646	99,105	0	0	0
6943.055	Southland Oaks Wastewater Improvements	1,318,067	433,272	0	0	0
6943.056	Upper Tannehill Wastewater Interceptor Improvements Phase 1: Berkman Drive	40,000	120,000	50,000	952,000	0
6943.057	Upper Lake Creek Wastewater Improvements	65,000	200,000	65,000	817,000	817,000
6943.058	Cottonmouth Creek Interceptor	75,000	75,000	500,000	500,000	500,000
6943.063	FM 969 Wastewater Improvements Phase 1	20,000	1,000,000	335,000	0	0
6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	16,000	0	0	0	0
Total		37,434,779	47,036,066	38,504,903	30,875,721	24,413,722

Wastewater Treatment Plant

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2056.009	SCADA Cyber Security Remediation	160,000	160,000	160,000	160,000	160,000
2056.01	Facility SCADA Improvements IDIQ Contract FY17-20	205,000	205,000	55,000	0	0
2056.013	SCADA Data Mart and Data Warehouse Replacement	225,000	75,000	0	0	0
2056.014	Facility SCADA Improvements IDIQ Contract FY21-26	0	0	200,000	200,000	200,000
3023.019	Walnut Creek Wastewater Treatment Plant Headworks Improvements	395,000	500,000	650,000	0	2,000,000
3023.022	Walnut Creek Wastewater Treatment Plant Pumping System Improvements	1,525,000	5,275,000	2,220,000	0	0
3023.025	Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation	7,418,378	7,184,208	292,678	0	0
3023.035	Walnut Creek Wastewater Treatment Plant Sludge Thickener Rehab	335,000	2,550,000	2,400,000	1,750,000	0
3023.039	Walnut Creek Wastewater Treatment Plant Secondary Process Improvements	7,395,000	6,393,500	1,506,200	0	0
3023.041	Walnut Creek Wastewater Treatment Lab and Admin Bldg HVAC Rehab Phase 1	16,650	0	0	0	0
3023.046	Walnut Creek WWTP Expansion to 100 Million Gallons Per Day	0	0	3,000,000	8,000,000	16,900,000
3023.059	Walnut Creek Wastewater Treatment Plant (WWTP) Influent Lift Station	0	200,000	300,000	475,000	1,300,000
3023.065	Walnut Creek Wastewater Treatment Plant Settled Wastewater Pump Replacement	1,550,000	1,050,000	0	0	0
3023.066	Walnut Creek Wastewater Treatment Plant Gas Scrubber Systems Renewal	416,143	825,000	50,000	0	0
3023.067	Walnut Creek Wastewater Treatment Plant Optimization and Facility Plan	1,051,341	0	0	0	0
3023.068	Walnut Creek Wastewater Treatment Plant Process Area Doors Replacement	80,000	0	0	0	0
3023.074	Walnut Creek Wastewater Treatment Plant Controls and Network Upgrades	520,000	1,140,000	1,435,000	585,000	200,000
3023.077	Walnut WWTP Maintenance Shop Chiller, Air Handler and Controls Replacement	100,000	450,000	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
3023.085	Walnut Creek Modifications to Chlorine Solution Lines	75,000	0	0	0	0
3023.086	Walnut Creek Replace Chlorine Solution Lines to Reclaimed Tank	75,000	0	0	0	0
3023.09	Walnut Creek Wastewater Treatment Plant Air Leak Repair	40,000	0	0	0	0
3164.048	Hornsby Bend Side Stream Treatment Plant (SSTP) Relief	3,550,000	3,850,000	2,125,000	0	0
3164.059	Hornsby Bend Plant Road Renewal	50,000	50,000	50,000	50,000	50,000
3164.062	Hornsby Bend Biosolids Management Plant Thickener Complex Rehabilitation	3,165,000	6,145,000	2,060,000	0	0
3164.065	Hornsby Bend Lab and Admin Building HVAC Rehab - Phase I	50,000	300,000	250,000	0	0
3164.07	Hornsby Bend Irrigation System Improvements	400,000	2,500,000	2,600,000	1,000,000	0
3164.072	Hornsby Bend Process Ammonia Removal System	120,000	630,000	700,000	1,510,000	2,500,000
3164.075	Hornsby Bend Influent Screen Improvements	250,000	200,000	1,250,000	2,250,000	2,000,000
3164.084	Hornsby Bend Biosolids Management Plant Tree Mitigation Plan	55,000	65,000	60,000	50,000	50,000
3164.09	Hornsby Bend Biosolids Demolish Abandoned Asbestos-Containing House	0	0	35,000	0	0
3164.092	Hornsby Replace Chiller and Air Handlers in Maintenance Shop	350,000	0	0	0	0
3164.094	Hornsby Bend Drainage Improvements	0	200,000	500,000	500,000	0
3164.095	Hornsby Bend Gas Detection System	700,000	0	0	0	0
3164.096	Hornsby Bend Boiler Replacements	0	0	0	0	100,000
3164.097	Hornsby Bend Building Improvements	0	500,000	0	500,000	0
3164.098	Hornsby Bend Dewatering Facility Polymer Storage Tank Replacement	0	300,000	0	0	0
3164.099	Hornsby Bend Biosolids Management Plant Feb 2017 Storm Damage Restoration	20,000	0	0	0	0
3164.102	Hornsby Bend Gas Storage Cover Replacement	0	0	0	0	50,000
3164.103	Hornsby Bend Maintenance Building Ventilation Replacement	5,000	75,000	0	0	0
3333.01	South Austin Regional WWTP Plant Control System Upgrade	245,000	1,070,000	940,000	0	0
3333.015	South Austin Regional WWTP Tertiary Filter Improvements	1,976,164	0	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
3333.016	South Austin Regional WWTP Thickener Improvements	1,694,754	0	0	0	0
3333.017	South Austin Regional WWTP Trains A & B Improvements	2,165,000	2,850,000	13,690,000	12,000,000	13,000,000
3333.028	South Austin Regional WWTP Trains A&B Blower Replacement	1,244,544	0	0	0	0
3333.029	South Austin Regional WWTP Berm Enhancement	200,000	200,000	50,000	0	0
3333.032	South Austin Regional WWTP Electrical Substation No.1 Replacement	9,707,600	9,702,600	9,653,600	0	0
3333.037	South Austin Regional WWTP Sludge Transfer Line and Reclaimed Water Line	220,000	890,000	505,000	70,000	0
3333.053	South Austin Regional Wastewater Treatment Thickener Improvements - Phase 2	175,000	0	0	0	0
3333.073	South Austin Regional Wastewater Treatment Plant Gas Scrubber Renewal	557,600	825,000	100,000	0	0
3333.077	South Austin Regional Wastewater Treatment Plant Restroom Rehab	0	30,000	0	0	0
3333.078	South Austin Regional Wastewater Treatment Plant Abandoned House Demolition	0	0	35,000	0	0
3333.081	South Austin Regional Installation of Fire Alarm System in Admin Building	50,000	0	0	0	0
3333.086	South Austin Regional Admin Building Comprehensive Remodel	50,000	0	0	0	0
3333.089	South Austin Regional Lift Station 1 and 2 Non-Potable Water Replacement	75,000	0	0	0	0
3333.092	South Austin Regional WWTP Work Platforms at Lift Station 2	50,000	100,000	0	0	0
3333.093	South Austin Regional WWTP Lighting Improvements	100,000	100,000	0	0	0
6621.007	Walnut Creek WWTP Security Access System Upgrade	300,000	0	0	0	0
6621.009	South Austin Regional WWTP Security Access System Upgrade	0	400,000	120,000	0	0
6621.043	Hornsby Bend Waste Water Treatment Plan Security System Technology Refresh	0	0	0	300,000	0
6621.045	Walnut Creek Waste Water Treatment Plan Perimeter Security Deployment	0	400,000	0	0	0
7265.004	Wildhorse Wastewater Treatment Plant Expansion to 1.5 MGD	290,000	740,000	3,700,000	3,000,000	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
7265.005	Package Wastewater Treatment Plant Improvements Future Program	290,000	280,000	350,000	350,000	350,000
7265.012	Harris Branch Wastewater Treatment Plant Decommissioning	100,000	0	0	0	0
7265.014	Dessau Wastewater Treatment Plant Expansion to 0.99 MGD	4,746,000	4,215,750	155,250	0	0
7265.016	Anderson Mill Wastewater Treatment Plant Decommissioning	200,000	100,000	0	0	0
7265.02	Taylor Lane Wastewater Treatment Plant Expansion to 0.35 MGD	0	0	0	0	21,000
7265.04	Brushy Creek Regional Wastewater Treatment Plant Expansion Participation	0	1,890,000	0	0	8,100,000
7265.041	Decentralized Wastewater Treatment & Reuse Pilot	200,000	1,800,000	2,000,000	0	0
7265.044	Lost Creek Wastewater Treatment Plant Lift Station Force Main Reroute	50,000	150,000	0	0	0
7265.045	Lost Creek Process Improvements	850,000	250,000	0	0	0
7265.046	Balcones Wastewater Treatment Plant - Process Improvements	60,000	70,000	0	0	0
8702.007	Facilities and Force Main IDIQ Design & Management Services FY18-FY20	410,000	459,517	0	0	0
Total		56,304,174	67,345,575	53,197,728	32,750,000	46,981,000

Water Pipe Network

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
2006.014	Spicewood Springs Pump Station Improvements-Transmission Main	6,877	0	0	0	0
2056.008	Annexation Telemetry-River Place MUD & Lost Creek MUD	38,092	0	0	0	0
2231.093	Southwest Allandale Neighborhood Water System Upgrades	32,400	179,800	783,400	1,217,000	0
2231.109	East Allandale White Rock Neighborhood Water & Wastewater System Renewal	335,000	1,350,000	320,000	0	0
2231.181	East Austin Wastewater Line Improvements	154,186	0	0	0	0
2231.217	University Avenue Alley Water & Wastewater Pipeline Improvements	15,000	215,000	50,000	0	0
2231.218	Water Pipeline Renewal Future Program	235,000	350,000	350,000	350,000	350,000
2231.22	Water Pipeline Renewal Future Program - Austin Water Crews	250,000	250,000	500,000	500,000	500,000
2231.233	Brentwood Water & Wastewater Pipeline Renewal: Arcadia Avenue Area	189,726	828,015	1,343,003	687,421	0
2231.234	Rosedale Water & Wastewater Pipeline Renewal: Lawnmont Avenue Area	286,000	755,000	1,410,000	983,795	0
2231.235	Brentwood Water & Wastewater Pipeline Renewal: Houston Street Area	173,800	173,800	1,000,000	850,000	0
2231.236	Morrow and Gault Water & Wastewater Pipeline Renewal	87,350	88,750	0	0	0
2231.237	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Pipeline Renewal	869,211	987,630	0	0	0
2231.238	Bryker Woods Water & Wastewater Pipeline Renewal	109,500	772,500	1,917,000	184,239	0
2231.239	Tarrytown Water & Wastewater Pipeline Renewal: Hillview & Clearview Areas	224,842	500,000	750,000	0	0
2231.24	Old Enfield Water & Wastewater Pipeline Renewal: Newfield Lane Area	117,953	449,390	395,000	0	0
2231.253	Meter Upgrades - 3-inch Diameter and Larger	339,000	0	0	0	0
2231.258	Hartford Rd Water and Wastewater Improvements	5,000	0	0	0	0
2231.273	West Allandale and Trailridge Drive Utility Line Renewal	476,700	768,500	881,500	693,784	0
2231.281	Hyde Park Water & Wastewater Pipeline Renewal	272,425	1,200,000	1,200,000	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2231.284	Gillis Street Water Pipeline Renewal	160,000	150,000	26,250	0	0
2231.285	Asbestos Cement Water Pipe and Wastewater Line Replacement (Northeast)	177,754	597,462	1,123,423	159,190	0
2231.286	Cruz Street Water & Wastewater Pipeline Renewal	30,000	150,000	10,000	0	0
2231.287	Galindo Street Water & Wastewater Pipeline Renewal	10,000	200,000	0	0	0
2231.288	Northumberland Road Water & Wastewater Pipeline Renewal	15,000	200,000	0	0	0
2231.29	Zilker Water & Wastewater Pipeline Renewal: Hether St Area	0	0	0	13,180	142,180
2231.291	Zilker Water & Wastewater Pipeline Renewal	135,905	135,905	1,050,000	1,450,000	0
2231.293	Arapahoe Trail Area Water & Wastewater Pipeline Renewal	34,200	130,500	500,000	450,000	0
2231.294	Barton Hills Water & Wastewater Pipeline Renewal: Horseshoe Bend Area	63,079	750,000	99,335	0	0
2231.297	Gloucester Lane Area Water & Wastewater Pipeline Renewal	91,125	625,000	500,000	0	0
2231.298	Harmon Avenue Area Water & Wastewater Renewal	150,229	343,248	1,038,587	733,875	0
2231.302	Academy Drive Water & Wastewater Pipeline Renewal	139,300	139,300	3,500	0	0
2231.303	La Casa Drive Water & Wastewater Pipeline Renewal	45,000	45,000	0	0	0
2231.304	Beverly Road Water & Wastewater Pipeline Renewal	180,000	180,000	0	0	0
2231.307	Rosedale North Water and Wastewater Pipeline Renewal Phase 2	151,013	348,982	612,174	400,000	0
2231.309	Martin Luther King Jr. West Water & Wastewater Pipeline Renewal	0	0	69,300	250,000	250,000
2231.31	Greater South River City North Water & Wastewater Pipeline Renewal	179,000	350,000	1,000,000	850,000	0
2231.311	Wilshire Blvd Area Water & Wastewater Pipeline Renewal	500,000	600,000	250,000	0	0
2231.312	Stonegate Water & Wastewater Pipeline Renewal	250,000	600,000	0	0	0
2231.313	Truman Heights Water & Wastewater Pipeline Renewal	425,000	950,000	50,000	0	0
2231.318	Brentwood Water & Wastewater Pipeline Renewal: Arcadia Avenue Phase 2	0	0	0	0	8,300
2231.331	Sunny Lane Water and Wastewater Pipeline Replacement	18,000	20,000	80,000	0	0
2231.332	Robbins Place Area Water Pipeline Replacement	25,000	100,000	100,000	0	0
2231.334	Bryker Road Water and Wastewater Replacement	70,000	300,000	10,000	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2231.335	Creedmoor Drive Water Pipeline Replacement	450,000	50,000	0	0	0
2231.336	Newport Avenue Water Pipeline Replacement	5,000	45,000	150,000	85,000	0
2231.337	Vanderbilt Lane Water Pipeline Replacement	0	0	5,000	50,000	0
2231.338	12th Street West Area Water Pipeline Replacement	0	95,000	15,000	15,000	0
2231.339	West 9th Street Water and Wastewater Replacement	350,000	350,000	0	0	0
2231.34	Plaza Saltillo East 6th St Waterline - Community Facilities Agreement	25,000	0	0	0	0
2231.341	Cherrywood Water and Wastewater Pipeline Renewal	2,000	15,000	15,000	0	0
2231.342	Garden Villa Lane Water Pipeline Replacement	1,000	40,000	15,000	82,000	0
2231.344	Ann and Maye Place Water Pipeline Improvements	250,000	75,000	0	0	0
2231.345	Asphalt and Concrete Restoration IDIQ Design & Management Services FY17-19	15,000	15,000	0	0	0
2231.348	2018 Waterline On-Call Services IDIQ	2,000,000	2,000,000	2,000,000	1,000,000	1,000,000
2231.35	Water Meter Upgrades - 3-inch Diameter and Larger	0	350,000	350,000	350,000	0
2982.001	Water Services & Meters	550,000	550,000	550,000	550,000	550,000
3212.006	Miscellaneous Pavement Improvements	10,000	10,000	10,000	10,000	10,000
3212.124	Waterline Relocation Future Program: TxDOT and Counties	100,000	200,000	200,000	200,000	200,000
3212.126	Water Pipeline Relocation Future Program	500,000	500,000	500,000	500,000	500,000
3212.133	Travis County Utility Relocation: FM 969 (Phase I) - Decker Lane to FM 973	45,000	0	0	0	0
3212.136	TxDOT Utility Relocation: US 183 Bergstrom Expressway (US 290 to SH 71)	200,000	0	0	0	0
3212.139	TxDOT Waterline Relocations: Manchaca Road	65,000	0	0	0	0
3212.14	TxDOT-IH35 Improvements-Multiple Segments 51st St to William Cannon	80,000	0	0	0	0
3212.141	TxDOT-Loop 1 Water Line Relocation: Davis Lane to La Crosse Avenue	50,000	0	0	0	0
3212.146	Williamson County Forest North, Pearson Ranch, & Lakeline Blvd W&WW Lines	14,000	0	0	0	0
3212.147	Forest North Phase 2 Water and Wastewater Line Relocation	601,000	850,900	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
3212.148	Pond Springs Road Water and Wastewater Lines and Appurtenance Relocation	20,150	41,250	41,250	0	0
3212.151	TxDOT IH 35 Water and Wastewater line Relocation: Rundberg To 290E Segment	80,000	0	0	0	0
3212.153	TxDOT FM 734 (Parmer Lane) Water Line Relo: Harris Branch to Tech Ridge	20,000	1,500,000	975,000	0	0
3212.154	TxDOT SH 71 Water Line Relocation: SH71 @ US 183 Interchange	15,000	140,000	1,100,000	55,000	0
3212.155	TxDOT IH 35 Waterline Relocation: Parmer Lane Segment	370,000	275,000	145,000	0	0
3212.156	TxDOT IH 35 WL Relocation: SH 45 SE to Onion Creek Pkwy (Estancia)	25,000	10,000	0	0	0
3212.157	TxDOT FM 2222 Water Line Relocation: FM 620 to Bonaventure Drive	135,000	85,000	75,000	0	0
3212.158	TxDOT US 183/SH 71 Relocation: S of Thompson Ln/SW of Airport Commerce Dr	15,000	100,000	500,000	50,000	0
3212.159	TxDOT FM 1826 Water Line Relocation: Slaughter Lane to US 290	10,000	290,000	1,220,000	110,000	0
3212.16	TxDOT IH 35 South Waterline Relocation: Riverside Drive to SH 45 SE	15,000	675,000	195,000	35,000	0
3212.161	TxDOT FM 2222 WL Relocation: Bonaventure Drive to Ribelin Ranch Road	205,000	35,000	0	0	0
3212.162	TxDOT IH 35 Central WL Relocation: US 183 to Riverside Drive	165,000	1,100,000	155,000	0	0
3212.163	TxDOT IH 35 North (16) Project WL Relocation: SH 45 N to US 290	25,000	1,155,000	185,000	55,000	0
3212.165	Travis County Utility Relocation: Grand Avenue Parkway	0	94,000	94,000	188,000	0
3212.166	Travis County Utility Relocation: William Cannon Extension	0	38,000	19,000	19,000	0
3212.167	Travis County Utility Relocation: South Pleasant Valley Road	0	0	8,000	8,000	0
3212.168	Travis County Utility Relocation Thaxton Road	0	4,000	12,000	3,000	0
3212.169	Travis County Utility Relocation: Pearce Lane at Kellam Rd Intersection	160,000	205,000	0	0	0
3212.17	Travis County Utility Relocation: Old Manor Road Safety Improvements	12,000	63,000	140,000	35,000	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
3212.171	Travis County Utility Relocation: Thomas Springs Road at Circle Drive	117,000	145,000	0	0	0
3212.172	Travis County Utility Relocation: Elroy Road Widening	50,000	1,375,000	512,000	0	0
4857.03	Shady Hollow Annexation	20,000	10,000	10,000	10,000	10,000
4857.031	Annexation Projects Future Program	0	0	100,000	100,000	10,000
5267.037	Cemetery Reclaimed Water Main	38,000	266,400	64,700	1,900	0
5309.006	Water Services Replacement Contract IDIQ (2017 to 2021)	1,170,000	1,170,000	1,170,000	0	0
5309.008	Water Services Replacement Contract IDIQ (2022 to 2025)	10,000	20,000	50,000	1,000,000	1,000,000
5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	100,000	600,000	400,000	0	0
5873.012	Red Bud Trail Bridge over Lady Bird Lake	41,252	41,252	41,252	0	0
5873.031	Barton Springs Rd. Bridge over Barton Creek	20,000	4,000	0	0	0
6319.007	Fallwell Lane Capital Renewal Project	0	100,000	100,000	0	0
6935.022	Springdale/290 Water Line Improvements	1,580,000	3,150,000	10,000	0	0
6935.025	Southwest Parkway Transmission Main	0	0	0	40,000	210,000
6935.031	McNeil Road Water Transmission Main	330,000	570,000	675,000	675,000	470,000
6935.032	Tanglebriar Water System Improvements	6,540	3,495	0	0	0
6935.033	Johnny Morris/Hwy 290 Area Water Line Extensions	600,000	525,000	0	0	0
6935.035	Howard Lane Water Main Extension	610,000	545,000	0	0	0
6935.037	Highland Park Water and Wastewater Improvements	168,660	3,285,500	1,067,500	2,000,000	0
6935.039	Cameron Rd : Gregg Lane to School	115,000	50,000	0	0	0
6935.042	Loop 360 Westlake to Waymaker	0	0	20,000	40,000	400,000
6935.043	Water System Improvements to Meet Minimum Standards Future Program	0	500,000	500,000	500,000	2,500,000
6935.045	Northwest A & B Zone Boundary Projects	850,000	0	0	0	0
6935.047	Interstate 35 - Oltorf Low Pressure Project	700,000	1,930,000	3,600,000	10,000	0
6935.049	Travis County Water Line Construction: FM 1626 from Manchaca Rd to Brodie	545,000	100,000	0	0	0
6935.057	Advanced Metering Infrastructure for Potable & Reclaimed Water Services	1,637,000	5,811,200	18,066,200	18,066,200	18,066,200
6935.061	Piland Triangle Interconnect	230,000	910,000	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6935.062	West 35th/38th Water System Improvements	315,000	1,252,000	475,000	5,000	0
6935.066	Northwest A Pressure Management at Metric and Braker	50,000	400,000	50,000	0	0
6935.067	Pleasant Valley Waterline - Webberville to E 7th	0	200,000	500,000	500,000	0
6935.068	Small Diameter Waterline Improvements - I	50,000	400,000	250,000	1,300,000	1,000,000
6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	20,000	0	0	0	0
8158.004	3rd St Phase 4 - Guadalupe St. to Nueces St.	2,800	0	0	0	0
9083.006	Waller Creek District - Sabine St. Promenade	124,000	0	0	0	0
Total		23,153,069	50,103,779	53,758,374	37,420,584	27,176,680

Water Quality Protection

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5282.039	East Bouldin Creek - One Texas Center (OTC) Water Quality Retrofits	5,000	80,000	50,000	534,535	0
5282.04	Waller Creek - Reznicek Field Water Quality Retrofit	718,000	48,115	0	0	0
5282.041	Barton Creek Watershed - Pond Retrofits	15,000	966,783	0	0	0
5282.043	Tannehill Creek - Morris Williams Stormwater Improvements	123,750	123,750	2,757,041	2,757,041	2,757,039
5282.053	Shoal Creek - Stormwater Quality Retrofits	427,285	0	0	0	0
5282.057	Buttermilk Creek Environmental Integrity Index Reach	400,000	617,000	310,130	0	0
5282.087	Multi-site - Retrofit Right of Way with Green Infrastructure	0	510,000	490,000	2,000,000	0
5282.092	Green Stormwater Infrastructure Landscape Installation and Maintenance	50,000	50,000	50,000	50,000	157,315
5282.133	Boggy Creek - Kealing Park Green Infrastructure Retrofit	25,000	380,290	380,290	380,288	0
5282.134	Tannehill Creek - Bartholomew Park Stormwater Treatment Retrofit	235,000	445,000	315,000	975,000	0
5282.135	Williamson Creek - Battle Bend Water Quality Retrofit	265,000	593,212	0	0	0
5282.139	Williamson Creek - Maple Run WQ pond repairs and Retrofits	50,000	375,000	0	0	0
5282.144	Citywide - Retrofit of Failing Water Quality Ponds	0	0	0	1,250,000	0
5282.145	Boggy Creek - Environmental Integrity Index Reach	0	0	0	0	350,000
5282.146	Lake Creek - Environmental Integrity Index Reach	0	0	0	0	350,000
6039.107	Tannehill Creek - Airport Blvd/Highland Mall Regional Pond	4,000	1,640,586	0	0	0
6660.022	Austin Lakes - Aquatic Plant Control and Restoration	50,000	50,000	50,000	50,000	50,000
6660.024	Little Bear Creek - Recharge Enhancement Facility	940,000	135,000	0	0	0
6660.027	Multi-Site Edwards Aquifer and Barton Springs Zone Dye Studies	40,000	0	81,000	29,000	0
6660.034	Lake Austin - Bulkhead Demonstration Project at Emma Long Municipal Park	0	0	25,717	0	0
6660.035	Multi-Site Recharge Feature Mitigation and Maintenance	100,000	100,000	100,000	500,000	74,437

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
6660.037	Austin Lakes - Shoreline and Aquatic Restoration Small Projects	50,000	50,000	50,000	50,000	219,397
6660.038	Urban Creek Invasive Plant Control	25,000	25,000	15,343	0	0
6660.043	Citywide Riparian Restoration - Small Projects	150,000	100,000	125,000	125,000	250,547
6660.053	Williamson Creek - Bayton Loop Riparian Restoration	0	0	40,976	0	0
6660.061	Multi-Site Education Cave Restoration and Maintenance	50,000	0	50,000	0	50,000
6660.067	Multi-site - Edwards Aquifer Geologic Mapping	30,000	2,244	0	0	0
6660.07	Waller Creek - Small-Scale Green Stormwater Infrastructure	250,000	250,000	250,000	250,000	250,000
6660.071	Waller Creek – Small-Scale GSI Outreach	200,000	0	0	0	0
6660.072	Study - Balcones Canyonlands Conservation Permit Compliance Study	0	0	0	0	1,000,000
6660.073	Citywide - Urban Springs Discharge Conveyance	0	0	0	0	80,000
6660.074	Multi-Site - Blackland Stream Stabilization	0	150,000	75,000	75,000	75,000
9083.008	Waller Creek District - Water Quality Retrofit	50,000	100,000	65,400	0	0
10856.004	Slaughter Creek Watershed - Sendera and Circle C Pond Rehabilitation	338,648	108,731	0	0	0
Total		4,591,683	6,900,711	5,280,897	9,025,864	5,663,735

Water Treatment Plant

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
2015.006	Davis Water Treatment Plant Power Distribution Upgrade	5,834,170	5,945,371	1,253,867	0	0
2015.017	Davis WTP Raw Water Hydraulic and Energy Efficiency Improvements	221,996	506,922	1,152,668	1,152,668	0
2015.019	Davis Water Treatment Plant SCADA System Improvements	345,000	625,000	2,600,000	1,550,000	0
2015.025	Davis Water Treatment Plant Power Distribution Upgrade Phase B & Centrifuge	0	0	0	0	750,000
2015.027	Davis Water Treatment Plant On-Site Generation Chlorine	0	0	0	0	750,000
2015.041	Davis Water Treatment Plant Treated Water Discharge System	16,794,271	10,795,177	0	0	0
2015.056	Davis Water Treatment Plant Lubricant Storage Shed and Handling Equipment	65,506	196,518	0	0	0
2015.061	Davis WTP - Recycle Pump Station Discharge Solid Grit Removal	100,000	100,000	150,000	150,000	0
2015.062	Davis Water Treatment Plant Filter Media Tank Improvements	0	0	28,619	0	0
2015.064	Davis Water Treatment Plant Clarifier #3 Improvements	0	0	0	0	30,612
2015.065	Davis Water Treatment Plant - Iron and Fluoride Flow Meters	57,238	0	0	0	0
2015.066	Davis Water Treatment Plant Clear Well Number 1 Rehabilitation	0	49,600	0	0	0
2015.069	Davis Raw Water Efficiency Low Service Pump Station Improvements	366,667	0	0	0	0
2015.072	Davis Water Treatment Plant- Recycle Building No.2 Water Cooled Air Handler	45,000	0	0	0	0
2015.073	Davis Water Treatment Plant Basin Concrete Repairs	200,000	200,000	0	0	0
2015.074	Davis Water Treatment Plant Admin Building Rooftop Unit Replacement	65,000	0	0	0	0
2015.075	Davis Water Treatment Plant - Replacement of Inoperable Doors	20,000	0	0	0	0
2015.076	Davis Water Treatment Plant - SCADA Room Floor Replacement	80,000	0	0	0	0
2015.078	Davis Water Treatment Plant Maintenance Shop - Replace Shop Heaters	0	31,100	77,843	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
2015.079	Davis Water Treatment Plant High Service Replacement of Air Handlers	0	0	250,000	0	0
2015.08	Davis Water Treatment Plant Chemical Building Remodel	0	25,000	0	0	0
2015.081	Davis Water Treatment Plant Recycle Basin Overflow Improvements	0	150,000	0	0	0
2015.082	Davis Water Treatment Plant Chlorine Vacuum Regulator Improvements	30,000	0	0	0	0
2015.083	Davis Treatment Plant High Service Pump Floor Drain Discharge Improvements	15,000	0	0	0	0
2015.084	Davis Turbidity Meter Replacement	0	0	350,000	0	0
2015.085	Davis Water Quality & Detention Improvements	180,000	0	0	0	200,000
2056.009	SCADA Cyber Security Remediation	160,000	160,000	160,000	160,000	160,000
2056.01	Facility SCADA Improvements IDIQ Contract FY17-20	205,000	205,000	55,000	0	0
2056.012	Austin Water Telecommunications System Upgrade Study	0	50,000	100,000	0	0
2056.013	SCADA Data Mart and Data Warehouse Replacement	225,000	75,000	0	0	0
2056.014	Facility SCADA Improvements IDIQ Contract FY21-26	0	0	200,000	200,000	200,000
5335.005	Ullrich Water Treatment Plant Admin & Centrifuge SCADA Asset Replacement	1,167,125	850,000	0	0	0
5335.008	Ullrich Conversion to On-Site Generation of Sodium Hypochlorite	2,500,000	6,500,000	6,500,000	1,250,000	0
5335.016	Ullrich WTP Low Service Pump Station Electrical Feed Renewal	4,200,000	3,150,000	4,450,000	3,200,000	4,500,000
5335.017	Ullrich Water Treatment Plant Air Handler Replacement	0	30,000	0	0	0
5335.027	Ullrich Water Treatment Plant Low Service Pumping Renewal Project	560,000	1,181,103	0	0	0
5335.032	Ullrich Water Treatment Plant Protective Coating System Rehabilitation	0	225,000	0	0	0
5335.035	Ullrich Water Treatment Plant SCADA Network Infrastructure Replacement	100,000	200,000	600,000	1,300,000	1,500,000
5335.045	Ullrich Water Treatment Plant Medium/High Service Chiller & Air Handler	100,000	600,000	0	0	0
5335.047	Ullrich Truck Scale System Rehabilitation	100,000	0	0	0	0
5335.048	Ullrich Filters 1-18 Stairway Rehabilitation	100,000	0	0	0	0

Subproject	Spend Plan					
	2019	2020	2021	2022	2023	
5335.05	Ullrich Lime Blower Pump Rehabilitation	0	0	0	100,000	0
5335.051	Ullrich Clarifier Basin Valve Extension	75,000	0	0	0	0
5335.055	Ullrich Clarifier No. 2 and 5 Rehabilitation	100,000	0	0	0	0
5335.06	Ullrich Clear Well #2 Rehabilitation	50,000	0	0	0	0
5335.061	Ullrich WTP High Service Pumping Electrical Feed Upgrade and Pump Renewal	0	0	0	500,000	1,000,000
5335.062	Ullrich Private Automated Branch Exchange Room Relocation	125,000	0	0	0	0
5335.063	Ullrich Centrifuges 1 & 3 Replacement	1,100,000	800,000	0	0	0
5335.064	Ullrich Dehumidifier Basins #4-8 Replacement	250,000	0	0	0	0
5335.065	Ullrich WTP Service Water System Pump Replacement	200,000	100,000	0	0	0
5335.066	Ullrich Water Treatment Plant - Admin Building Lab HVAC Replacement	35,000	0	0	0	0
5335.07	Ullrich Water Treatment Plant Lime Feed Loop	3,400,000	1,479,000	250,000	0	0
5335.071	Ullrich Water Treatment Plant Lime Building - Replace Condenser Units	0	0	20,000	0	0
5335.072	Ullrich Water Treatment Plant Admin Building and Control Room Rehab	120,000	0	0	0	0
5335.073	Ullrich Water Treatment Plant Low Service Replacement of Chiller Controls	20,000	0	0	0	0
5335.074	Ullrich Water Treatment Plant Centrifuge Building HVAC	15,000	0	0	0	0
5335.075	Ullrich Water Treatment Plant Process Drain & Support Systems Improvements	1,420,000	3,310,000	0	0	0
6621.022	Water Treatment Plant 4 Security Enhancements	0	250,000	0	0	0
6621.025	Water Treatment Plant 4 Site Security System Conversion	150,000	0	0	0	0
6683.023	Water Treatment Plant 4 Wash Water Decant and Sludge Holding Basins	0	0	0	0	350,000
6683.03	WTP4 Low Service Pump Station and Raw Water Pipe Gallery Com Improvements	405,043	0	0	0	0
6683.031	Water Treatment Plant 4 Process Buildings Heating Ventilation and Air Cond	100,000	250,000	0	0	0
6683.035	Water Treatment Plant 4 Raw Water Pump Motor Rebuild	150,000	0	0	0	0
8702.005	Lime Residual Disposal Master Plan	550,000	1,500,000	0	0	0

Subproject		Spend Plan				
		2019	2020	2021	2022	2023
8702.007	Facilities and Force Main IDIQ Design & Management Services FY18-FY20	410,000	459,516	0	0	0
8702.008	Shaw Lane Aerial Survey	33,549	35,562	37,696	39,957	42,355
Total		42,545,565	40,034,869	18,235,693	9,602,625	9,482,967



austintexas.gov

2018
City of Austin
Financial Services
Budget Office

