

# City of Garland, Texas 2020 Capital Improvement Program



GARLAND



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**2020**

# Capital Improvement Program

## City Council

**Scott LeMay, Mayor**

**David Gibbons (District 1)**

**Deborah Morris (District 2)**

**Jerry Nickerson (District 3)**

**Jim Bookhout (District 4)**

**Rich Aubin (District 5)**

**Robert Vera (Deputy Mayor Pro Tem & District 6)**

**Dylan Hedrick (District 7)**

**Robert John Smith (Mayor Pro Tem & District 8)**

**Bryan L. Bradford, City Manager**

# City Council

2019-20

The map displays eight districts of Garland, Texas, each with a corresponding council member. The districts are defined by major roads: District 1 (SH 190, CREEK, GARLAND); District 2 (SH 66, COUNTRY CLUB, MILLER); District 3 (BROADWAY, ROSEHILL, BOBTOWN); District 4 (NORTHWEST, GATEWOOD, ROWIETT); District 5 (BROADWAY, CENTERVILLE); District 6 (SHILOH, MILLER); District 7 (CAMPBELL, GARLAND, GARLAND); District 8 (BUCKINGHAM, SAM HOUSTON, HOMESTEAD, WALNUT, CREEK, RAILROAD). Major roads like SH 190, SH 66, and SHILOH are also labeled.

District	Member Name	Member Title
1	DAVID GIBBONS	
2	ROBERT JOHN SMITH	MAYOR PRO TEM
3	JERRY NICKERSON	
4	JIM BOOKHOUT	
5	RICH AUBIN	
6	ROBERT VERA	DEPUTY MAYOR PRO TEM
7	DYLAN HEDRICK	
8	SCOTT LEMAY	MAYOR



**GARLAND**

# Garland, Texas

## Community Profile

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Garland is a community of values. We value the drive to create, not just consume. We value hard work and inclusiveness, encouraging every individual to Make Their Mark. From the variety of employment opportunities and products made here, to the homes and community services that emphasize value, affordability and the power to customize your education and your life, we welcome a rich tapestry of people of all walks of life. Garland values experiences that are good for the soul and the individuals who make us a community.

### General Information

The city of Garland is located northeast of Dallas and is one of the largest communities in the Dallas/Fort Worth Metroplex. As the 13<sup>th</sup> largest city in Texas, Garland covers 57 square miles and is bordered by three major freeways: Interstate 635, Interstate 30 and State Highway 190 (President George Bush Turnpike).

### Demographics

Garland's population totaled 226,876 in the 2010 census count, with current estimates placing the population at approximately 242,504. Garland has an estimated 82,524 housing units and an employment base of approximately 125,188.

#### Population, Housing Units\* & Employment (Estimates)

	2010	2019	Growth
Population	226,876	242,504	15,628
Housing Units	78,722	82,524	3,802
Employment	104,383	125,188	20,805

*Source: U.S. Census Bureau, American Community Survey, Texas Workforce Commission, and City of Garland Planning and Community Development Department*

*\* Housing Units is an appropriate measure of housing activity. The City of Garland Planning and Community Development Department tracks housing units on an annual basis rather than households. Both classifications are reported in census data by the U.S. Census Bureau.*

Garland is diverse in ethnicity and education. Most recent estimates place the city's population at 59.8% white, 13.7% African American, 0.5% American Indian, 11.0% Asian, 3.9% two or more races, and 11.1% other race. An estimated 41.3% is Hispanic/Latino (of any race). More than 75% of the city's adult population is educated above the high school level, with more than 20% of the population possessing a bachelor's degree or higher. Per the Garland Economic Development office, the 2019 estimated average household income in Garland was \$74,990. Per the Dallas Central Appraisal District, the average market value for detached single-family residences in Garland for 2019 was \$194,767.

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# Garland, Texas

## Community Profile

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### Government Structure

The City of Garland is a home-rule City that operates under a council/manager form of government. The City Council consists of a Mayor, who is elected at large, and eight Council members who are elected from single-member districts. Council members may serve up to three two-year terms. By City Charter, four City staff positions are appointed by the City Council. These include the City Manager, City Attorney, City Auditor and City Secretary.

### Economic Base and Development

Garland is known for its economic and industrial base, which consists of more than 5,000 businesses including approximately 300 manufacturing companies. The city has been recognized as a manufacturing community since the 1940s, and numerous Fortune 500 corporations along with many others have selected Garland as home base for their strategic operations. The following is a partial list of companies that maintain operations in Garland:

<i>Arrow Fabrication Tubing</i>	<i>Kirchhoff Automotive</i>	<i>Plastipak</i>
<i>Batory Foods</i>	<i>Kraft Heinz Foods</i>	<i>Quest USA</i>
<i>Daisy Brands, Inc.</i>	<i>Mapei Corporation</i>	<i>RagingWire</i>
<i>Ecolab, Inc.</i>	<i>NutriBiotech USA</i>	<i>Resistol Hats</i>
<i>Epiroc Drilling Solutions</i>	<i>O'Neal Flat Rolled Metals</i>	<i>Sherwin-Williams</i>
<i>General Dynamics Corp.</i>	<i>Packaging Corp. of America</i>	<i>US Food Services</i>

The industrial sector continues to be strong and active in Garland. The 90+ acre former Raytheon campus has been completely redeveloped and revitalized, including approximately 800,000 square feet of new Class A commercial flex space in three separate facilities, all of which are now occupied with new and expanded Garland companies. Canadian window manufacturer Quest Window Systems opened the company's first U.S. manufacturing and distribution facility with more than \$12 million invested in machinery and equipment and will create more than 320 full-time jobs. NutriBiotech USA, a Garland-based nutritional supplement manufacturer, will expand its existing research and development and production facilities from 60,000 square feet to 685,000 square feet with a \$100+ million capital investment. Plastipak Packaging and Kirchhoff Automotive, both existing Garland manufacturing companies, will make significant investments in the acquisition and installation of new advanced machinery and equipment at their current locations.

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# Garland, Texas

## Community Profile

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In response to the rapidly increasing data traffic and central location advantage, the DFW market is becoming one of the largest data center markets in the nation. Stream Data Centers' 138,000-square-foot hyperscale DFW VII data center is expected to be completed in the third quarter of 2019. Ultimately, the campus will total approximately 400,000 square feet on 22 acres. Digital Realty, the largest colocation provider in the world, is also increasing its investment in Garland with another \$500 million by adding 16 acres of development. The campus will total 1 million square feet on 64 acres.

RagingWire Data Centers opened a 200,000-square-foot facility in 2017 and will continue to expand with an additional 600,000 square feet.

The area along the President George Bush Turnpike has also seen a tremendous amount of commercial development, such as data centers, mixed use and other projects, totaling more than \$3 billion in new investments. The city has a growing retail base with developments such as Firewheel Town Center – a lifestyle center featuring numerous department stores, specialty shops, restaurants, a hotel and residential – as well as Bass Pro Shops on Lake Ray Hubbard.



In May 2019, Garland residents approved a \$423.7 million bond package, which includes \$46.0 million for economic development to promote and better support investment and revitalization across the city. The City continues to focus on increasing real estate values and enhancing quality of life for Garland residents and businesses. The funding will allow the City to acquire and assemble larger parcels for significant reinvestment. The City-owned, 24-acre former Hypermart property on South Garland Road and 20 acres on I-30 and Rosehill are ready for a mix of potential uses from single-family home development to restaurant, retail and other neighborhood service establishments. Further, the voters also approved \$117.8 million in bond funding for parks and recreation, which will allow the City to construct and improve park systems and offer a more pedestrian-friendly environment with new hike and bike trails. These projects will enhance and help promote greater investment in the area.

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# Garland, Texas

## Community Profile

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### Downtown Development

The City of Garland continues to take advantage of transit-oriented development opportunities near Garland’s DART rail station in the Downtown Catalyst Area. The Downtown Development Office focuses on implementation of a Downtown TIF Project and Financing Plan, including a façade improvement program, enhanced Downtown Square programming, and public art and infrastructure.

The area is leveraging transit-oriented development to increase the residential density. Successful mixed-use development in historic Downtown Garland includes the partnership with Oaks Properties, LLC, which added 153 apartment units next to City Hall in addition to the units built in 2008 at Oaks Fifth Street Crossing, and the redevelopment of the Bank of America building for apartments. The City of Garland completed City Hall renovations in 2017 and rededicated the building as the William E. Dollar Municipal Building. Across the street is the new Economic Development suite completed in 2018.



Downtown welcomed a new artwork feature intended to increase awareness of the arts. In October 2018, the Garland Cultural Arts Commission, Inc., celebrated the installation of *Vision of the Arts*, a 2.5-ton bronze masterpiece standing 17 feet tall with a base 8 feet in diameter at the entry to the Granville Arts Center. Renowned Dallas artist Barvo created this illustration of a diverse community in celebration of dance, music, theatre and the visual arts.



In 2019, the Downtown Development Office collaborated with the Cultural Arts Commission and a private property owner to create a community mural project in Downtown Garland, located at 506 Main St. The location is called 506 Art. A Garland artist, Cullin Lassiter, created the design. The public was invited to paint the colors into the mural. Several hundred residents and visitors Made Their Mark on the interactive public art project that evening, generating ongoing buzz about the public art scene in Downtown Garland.

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# Garland, Texas

## Community Profile

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### Embracing Our History

Two Downtown historic districts are listed on the National Register of Historic Places. A Garland neighborhood known as the Travis College Hill Historic District encompasses the area on South 11<sup>th</sup> Street between West Avenues B and D. The cluster of 11 homes represents one of the best collections of historic homes in Garland, including six homes that date back to the original era (circa 1913) and several homes built in the “Craftsman” architectural style. The Travis College Hill Addition was awarded a State Historic Marker from the Texas Historical Commission in 2015.

A portion of the Downtown commercial district, roughly bounded by West State Street on the north, the Santa Fe Rail line and half a block fronting North Fourth Street on the east, West Avenue A on the south, and Glenbrook Drive on the west, is known as the Garland Downtown Historic District on the National Register. Such a designation enhances Garland’s visibility as a tourism stop for history enthusiasts. Property owners within both historic districts are now eligible for state and federal tax credits for qualifying repairs and renovations to their property.



Heritage Crossing, located at the intersection of Sixth and Walnut streets, is a significant representation of the importance of history and heritage to the city of Garland. The site includes the Landmark Museum and the 1910 Pullman rail car. The Landmark Society was founded and opened the Museum in the Santa Fe Train Depot in 1972. The depot was built in 1901 and is registered with the State of Texas as an official Texas Historic Landmark. The museum holds artifacts that date back from the period of 1850 to the present.

### Bankhead Highway

The Bankhead Highway, America's second east-to-west transcontinental highway, ran through Garland from Washington, D.C., to San Diego, California. Garland residents took advantage of the highway's potential for economic impact and built auto repair shops, restaurants and service stations along the highway. The Bankhead Highway is remembered for its significant place in Garland's history and received an official Texas Historical Marker in May 2010 naming it a Texas Historic Highway. The marker is located in Downtown Garland on Main Street between Fifth and Sixth streets.



# Garland, Texas

## Community Profile

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### Tourism

The Garland Convention & Visitors Bureau's marketing and promotion efforts have helped position Garland as a location for hosting local, regional and national events. Garland has hosted events including the Northern Texas PGA's Texas Women's Open at Firewheel Golf Park, the 2019 Fishers of Men National Tournament Trail - Berkley Team Series District 7 Championship, and the DFW Asian American Soccer Tournament, featuring 17 teams from around the country. Major personal development conferences such as Dave Ramsey's "Smart Conference", Tony Robbin's "Unleash the Power", and Rachel Hollis's "RISE Weekend" have called Garland home this year.

Events produced by the Parks, Recreation & Cultural Arts Department to attract Garland residents and the surrounding community include Jazz in the Square, the Sounds of Summer Concert Series, Family Night Out, the Garland Guzzler 0.5K Run (an Oktoberfest event with a unique twist), and the community's favorite, Christmas on the Square. This holiday celebration features fun family activities such as a traditional tree-lighting ceremony, snow hills for sledding, choir performances and photos with Santa. Additionally, the Events Team coordinates and permits a large number of parades, community fundraisers, multicultural events, and farmers market and craft vendor fairs, just to name a few.



# Garland, Texas

## Community Profile

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### Cultural Arts and Community Events

Garland's cultural arts scene provides quality programs to enrich the lives of residents and visitors from surrounding communities. Cultural arts facilities include the Patty Granville Arts Center, The Atrium at the Granville Arts Center and the Plaza Theatre, all of which are located Downtown. Some of the city's active arts groups include Garland Summer Musicals, Garland Symphony Orchestra and Garland Civic Theatre. These groups produce a variety of year-round events including musicals, plays and concerts.



### City Services

The City of Garland is comprised of more than 30 departments that provide various services to residents. The City places a high priority on public safety and maintains a force of 355 sworn Police officers and 264 sworn Fire personnel. Garland has 11 fire stations and several public safety training facilities. Residents enjoy an abundance of recreation opportunities with parks covering more than 2,800 acres, as well as six recreation centers, five park pavilions, three swimming pools, a wave action pool, and two senior centers. Services are further enhanced with four libraries conveniently located throughout the city as well as a wealth of e-books and other online resources. Residents have access to nearly 500,000 volumes through the City's library system. Garland is also home to Firewheel Golf Park with 63 holes of championship caliber golf, including three regulation courses.

The City celebrated the grand re-opening of the Carver Senior Center in July 2019. The floor-to-ceiling overhaul includes a new full-service kitchen, ADA-compliant restrooms and brand new furnishings and amenities. The center also represents an important time in Garland's history. The building was once Carver High School, which provided secondary education for black students in segregated Garland. The building's history is told in a timeline mural with information compiled by Carver graduates and members of Carver Alumni Programs & Services. The mural wall is inside the center entrance at 222 Carver Street.



# Garland, Texas

## Community Profile

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The City of Garland is investing in its infrastructure through the Infrastructure Repair and Replacement Program. This program, led by the Street Department, provides high-quality service to the residents of Garland by maintaining, repairing and replacing streets, alleys and other related infrastructure. Program funding has increased from \$10 million in FY 2013-14 to \$28.1 million in FY 2019-20.



In addition to providing traditional municipal services, the City of Garland also operates its own water, wastewater treatment and electric utilities. The City also maintains and operates a regional landfill facility and offers both residential and commercial solid waste collection services.



# City of Garland Capital Improvement Plan

## TABLE OF CONTENTS

	<b>PAGE</b>
<b>2020 Capital Improvement Program Overview.....</b>	<b>.....</b>
Introduction.....	2
Background Information.....	3
2020 Capital Improvement Program.....	8
Outstanding Debt.....	15
5+ Years Expenditure Projection.....	19
5+ Years Debt Projection.....	20
<b>Debt Allocation.....</b>	<b>22</b>
Estimated Sale of Authorized General Obligation Bonds.....	24
Estimated Sale of Certificate of Obligation Bonds.....	25
2020 Certificate of Obligation Issue.....	26
2020 Revenue Supported Commercial Paper Issue.....	28
<b>2019 CIP Status.....</b>	<b>30</b>
Introduction.....	32
Completion Rate.....	36
Project Schedule.....	40
Remaining 1997, 2004, and 2019 Bond Projects.....	49
<b>Detail Project Summaries.....</b>	<b>58</b>
Parks.....	58
Street / Transportation.....	86
Drainage.....	124
Library.....	142
Public Safety.....	148
Economic Development.....	162
Municipal Facilities and Miscellaneous Tax Supported.....	178
Miscellaneous Revenue Supported and Internal Service.....	194
Landfill / Transfer Station.....	210

# City of Garland Capital Improvement Plan

## CONTENTS

	<b>PAGE</b>
Water.....	218
Wastewater.....	242
Electric.....	270
<b>Appendices.....</b>	<b>284</b>
Appendix A - Ordinance of Adoption.....	286
Appendix B - 2019 CIP Amendments.....	292
Appendix C - Capital Improvement Bond Referendums by Proposition.....	300
Appendix D - Summary of Programs.....	308
Appendix E - CIP Fund Allocation.....	316
Appendix F - 2019 Bond Projects with Multiple Funding Sources .....	324
Appendix G - 2019 Bond Program Implementation Schedule.....	328
Appendix H - 2020 CIP Location Maps.....	332
Appendix I - Roadway Classifications.....	338

# **CIP MESSAGE**



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March 3, 2020

Honorable Mayor and City Council  
City of Garland, Texas

I am pleased to present for your consideration the \$342 million 2020 Capital Improvement Program (CIP) for the City of Garland. The CIP begins the implementation of the 2019 Bond Program approved by voters in May 2019 and furthers the completion of the 2004 Bond Program. To fund both Bond Programs, City Council approved a 6.5-cent increase in the Debt Service Tax Rate in September 2019 so that implementation could immediately begin. To deliver a Bond Program of the size passed in 2019 required a change in how the City organization manages and delivers capital projects. As a result, a Project Management Office (PMO) was created and an outside Program Management firm retained. With these two additions, the responsibility for project delivery has been shifted from operating departments, which often lacked the experience and staffing capacity, to an organizational function that is solely dedicated to the successful and timely delivery of both the 2004 and 2019 Bond Programs.

The CIP is divided into several categories including Tax-Supported Projects, Utility Projects, and Internal Service Projects. The Tax-Supported portion of the CIP totals \$130.6 million and is heavily weighted towards the Street and Transportation Program. This Program has \$35.5 million programmed for projects that will increase street capacity and includes Shiloh Road, Fifth Street, Oates Road, Bobtown Road, and Waterhouse Boulevard. In addition, design services are funded for Holford Road, Naaman School Road, Chaha Road, and Callejo Road. The 2020 CIP also includes funding for Street Reconstruction, North-South Bikeway, Bottleneck Improvements, Traffic Signal Equipment Modernization, and Paving of Unimproved Alleys. Furthermore, the Drainage Program has \$13.8 million in funding for several projects including Local Flooding, Bridge and Drainage Infrastructure Remediation, and Classic and Yale drainage.

The Park Program includes a variety of projects such as the construction of a Skate Park along with renovation of the Granger Recreation Annex and Audubon Recreation Center, Playground Improvements, Trail Development, and a host of other improvements designed to increase the quality of life for Garland citizens. The CIP also includes Library funding to relocate and expand the Walnut Creek Branch Library and to continue construction of Life, Fire, and Safety Upgrades at Central Library.

The 2020 CIP includes funding for the long-awaited new Animal Shelter and Adoption Facility and the essential Police Evidence and Property Facility. In addition, there is a continued focus on Downtown and the Rosehill Targeted Investment Area along with funding for the Economic Development and Redevelopment Program, Land Acquisition, and the Neighborhood Vitality Grant Program.

The City Utilities portion of the 2020 CIP totals \$209.9 million. Within this amount is funding for Environmental Waste Services (EWS) to replace nine pieces of equipment for the Collection fleet. Funding is also included to enhance Water transmission mains and distribution lines

throughout the city and for work being coordinated with the Street projects. In addition, the Water Department will begin replacing over 69,000 radio read water meters. The Wastewater Utility will focus primarily on enhancing and modernizing the City's Wastewater Treatment Plants, including odor control at Duck Creek and rehabilitation work on clay sewer mains, while continuing to coordinate with the Street Department on the relocation of mains prior to paving.

The largest portion within the Utility component of the CIP is \$98.5 million for Garland Power & Light (GP&L) infrastructure. Transmission Lines and Substations Upgrades are large contributors to Electric's 2020 CIP and include a new line in West Texas, rebuild of the Apollo to Lookout line, and partial line rebuilds over Lake Lavon and Lake Ray Hubbard.

Finally, the Internal Service Program totals \$1.5 million and includes the Telephone System Replacement, Upgrades to City Network and Cabling, and a Redundant Fiber Path to reduce the risk of system outages.

#### Debt Issuance

The \$342 million CIP will require the issuance of \$58.6 million in tax-supported debt, consisting of \$43.2 million in General Obligation (GO) authorized Commercial Paper and \$15.4 million in Certificates of Obligation (COs). The Utility and Internal Service Programs will require debt issuance totaling \$95.0 million, which includes \$3.1 million in COs and \$91.9 million in Revenue Bond authorized Commercial Paper.

#### Tax and Utility Rate Impacts

No increase in the Property Tax Rate for fiscal year 2020-21 is anticipated to fund the CIP Budget. The 2020 CIP is, however, projected to contribute a modest amount toward the rate increases anticipated for Water, Wastewater, and Environmental Waste Services residential trash collection in FY 2020-21. No rate increase for GP&L customers is expected in association with that Utility's 2020 CIP Program.

I believe the 2020 CIP is a substantial first step in completion of the 2019 Bond Program, and I am confident that the program continues to move us toward the progressive vision set by the City Council.

Respectfully submitted,



Bryan L. Bradford  
City Manager

# **OVERVIEW**



**GARLAND**

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# CAPITAL IMPROVEMENT PROGRAM

## INTRODUCTION

### **MAJOR SECTIONS**

The information included in the City of Garland's Capital Improvement Program (CIP) is divided into the following major sections:

- (I) Overview – Background
- (II) Overview – Narrative Summary of CIP
- (III) Debt Allocation
- (IV) 2019 CIP Status
- (V) Program Sections – Project Pages
- (VI) Appendices

### **OVERVIEW**

#### **Background**

The Overview section includes a discussion of background material that readers may find helpful in expanding their knowledge and understanding of the City's Capital Improvement Program.

#### **Narrative Summary of CIP**

The Narrative Summary contains a written overview of the current year projects, planned debt issuance, and tax and utility rate impacts; an analysis of outstanding debt levels; and a five-year forecast based on the CIP and Garland Plus 5.

#### **DEBT ALLOCATION**

The Debt Allocation section is divided into three parts. The first is a schedule reflecting the issuance of General Obligation (GO) debt required to fund the 2020 Program and future projected

CIP expenditures. The second categorizes the Certificates of Obligation (COs) for each CIP program area. The third identifies the allocation of Commercial Paper for the City's Utilities.

### **2019 CIP STATUS**

The 2019 CIP Status section is divided into three parts. The first shows the completion rate of the 2019 CIP for each program area. The second reflects each project included in the 2019 CIP, the completion date estimated at the time the CIP was adopted, and the revised completion date as submitted by departments in November 2019. The third provides a schedule, by project, of estimated outstanding expenditures of funds from the 1997, 2004, and 2019 Bond Referendums.

### **PROGRAM SECTIONS**

The CIP includes a separate section for each of the program areas. Within each program section, the CIP includes a summary schedule of projects and additional funding requirements. Also included is a sheet for each CIP project that outlines the project's description, funding sources, impact on the Operating Budget, and other project information.

### **APPENDICES**

The Appendices include the Ordinance of Adoption; 2019 CIP Amendments; 2019, 2004, and 1997 Capital Improvement Bond Referendums by Proposition; Summary of Programs; CIP Fund Allocation by Program and by Project; 2019 Bond Program Funding Sources; 2019 Bond Program Implementation Schedule; CIP Project Maps; and Roadway Classifications.

## BACKGROUND INFORMATION

### Capital Improvement Program

The City of Garland prepares a Capital Improvement Program (CIP) each year that is in addition to its Annual Operating Budget. The CIP is a listing of planned capital projects for the upcoming five-year period together with the expected costs and the anticipated methods of financing. The CIP typically includes the construction of infrastructure and municipal facilities as well as the acquisition of large or specialized equipment. To be included in the CIP, expenditures must meet all of the following general criteria:

- (1) Qualify as capital under the City's current capitalization policy.
- (2) Have a useful life of not less than five years.
- (3) Exceed \$25,000.

Additional criteria and guidance are provided in the City's CIP Directive.

The Capital Budget is the first year component of the Capital Improvement Program and includes a listing of projects to be undertaken in that fiscal year. It also includes the anticipated cash outlays for the same time period and identifies the specific sources of financing that will be used to fund each project. The Capital Budget also identifies the total amount of debt, by types, required to fund the current year's expenditures together with the estimated tax rate and utility rate impact of the additional debt issuance.

In adopting the Capital Budget, the City Council appropriates funding for the estimated expenditures related to the upcoming fiscal year while approving, in concept, the plan for future years. The Capital Budget differs from the Operating Budget, however, in that a project's appropriated funding does not expire at the end of each fiscal year but rather carries over from year to year until the project is completed.

It is important to note that once a project is approved, the entire project – not just the first year's portion – may be bid out and awarded. For projects that span multiple years, this may in effect create a future obligation to issue additional debt to complete the project. For this and other reasons, the CIP must be viewed from a multi-year perspective.

While a separate document, the CIP is linked to the Operating Budget in that many projects, once completed, will have ongoing costs for staffing and maintenance. These ongoing expenditures are budgeted through the City's Annual Operating Budget. Each project submitted in the CIP must identify these ongoing expenditures. In addition, the principal and interest payments resulting from the debt issued to finance CIP projects are provided for in the Annual Operating Budget.

The Capital Budget's fiscal year is the calendar year. This differs from the fiscal year for the Operating Budget, which is from October 1 of one year to September 30 of the next.

## **CIP Funding**

Funding for the CIP comes from several sources including (1) debt issuance, (2) transfers from the Operating Budget, (3) grants and other outside contributions, and (4) interest earnings. By far, however, the primary source of funding for CIP projects is debt issuance.

Annual funding for the CIP is based on projected capital expenditures for the plan year for both new and existing projects. Debt is issued only in amounts necessary to provide funding for the upcoming year, rather than being issued up front for the entire amounts of the approved projects. This practice allows for debt issuance, and the resulting Debt Service payments, to be kept at a minimum.

## **Debt Instruments**

Debt instruments issued to finance CIP projects include General Obligation Bonds (GOs), Commercial Paper (CP), Certificates of Obligation (COs), Revenue Bonds (RBs), and Tax Anticipation Notes (TANs), each of which is discussed below.

General Obligation Bonds (GOs) – Long-term debt instruments that are backed by the full faith and credit of the City and issued with the guarantee that the government will use its general taxing authority to pay principal and interest payments on the debt. Garland citizens must vote to approve the authorization to issue GO Bonds, and once authorized, the Bonds may only be used for projects specifically listed in the Bond Propositions. GO Bonds are generally issued based on a 17 to 20-year amortization period.

Commercial Paper (CP) – Short-term debt instruments that have maturities ranging from 1 to 270 days. Interest is paid at maturity, but principal is rolled forward by issuing new Commercial Paper (CP). This process continues for approximately three years until GO or Utility Revenue Bonds are eventually issued to refinance the outstanding CP. Only after the GO or Revenue Bonds are issued do principal payments begin toward retiring the debt. The combined amortization of the CP and Bonds is set so as not to exceed 20 years and 30 years for Electric.

By utilizing Commercial Paper (CP), the City is able to lower its overall debt payments due to the deferral of principal payments and by taking advantage of lower short-term interest rates. Furthermore, CP is only issued as the funds are needed, not in advance at a given time each year as with other debt instruments.

Projects that have been approved as part of a Bond Referendum, and therefore qualify for GO debt financing, may be funded using Commercial Paper (CP). In 2012, Electric Utility projects that are eventually funded with Revenue Bonds began taking advantage of CP. In addition, the Water and Wastewater Utility programs began a CP program in 2015.

Certificates of Obligation (COs) – Long-term debt instruments that are backed by ad valorem taxes, pledged revenues, or a combination thereof. COs do not require voter authorization and may be issued for all types of capital projects. COs are issued with 5, 10, 15, and 20-year amortizations.

Revenue Bonds (RBs) – Long-term debt instruments secured by the revenues of the City's Utilities. RBs can only be issued for utility-related capital projects and are issued with 5, 10, 15, and 17 to 30-year amortizations.

Tax Anticipation Notes (TANs) – Short-term debt instruments issued with amortizations ranging from one to five years, which may be used for any capital project with a short useful life or a project that the City wishes to pay off within a relatively short period of time. TANs may also be used to prevent significant fluctuations in the Debt Service Tax Rate.

**Debt Service**

The principal and interest payments on the City's debt instruments are paid from Property Tax revenues or from the revenue of Proprietary Funds such as the Utilities.

Tax-Supported Debt Service – Debt that is serviced from Property Tax revenues is referred to as “Tax-Supported Debt.” Of Garland’s 2019-20 Ad Valorem Tax Rate of 76.96 cents per \$100 of valuation, 37.56 cents or 49% is dedicated to Tax-Supported Debt Service.

**2019-20 Ad Valorem Tax Rate**  
**(Cents per \$100 of Valuation)**

Operations and Maintenance	39.40 cents
Debt Service	<u>37.56</u> cents
Total Ad Valorem Rate	<u>76.96</u> cents

Commercial Paper – The use of Commercial Paper (CP) as part of the City's overall debt management strategy defers a portion of the total Debt Service impact of projects. Deferred Debt Service is the difference between the annual interest payments required to service outstanding CP and the interest and principal payments that will be due when the CP is replaced with GO Bonds. As a general rule, payments required to service GO Bonds will be 75% more than the amount required to

service CP. When CP is replaced with GO debt – typically every three years, there will be a material spike or increase in Debt Service requirements. The refinancing of CP into GO Bonds must be carefully managed and timed with declines in existing Debt Service to avoid Debt Service Tax Rate increases. In years where the Debt Service Tax revenues exceed the required principal and interest payments, the capacity is used to issue a one-year TAN. The proceeds of the TAN are used to supplement Street funding.

Revenue-Supported Debt – Debt Service that is paid from revenues collected by the City's Utilities is referred to as “Revenue-Supported Debt.” The annual principal and interest payments required to service this debt are included as expenditures in the operating budgets of the respective Utilities. Debt issuance in the Utility Funds has the potential of impacting the cost-of-service and, thereby, the rates charged to customers.

Revenue-Supported Debt also refers to debt issued for projects within the City's Internal Service Funds (examples include Information Technology, Fleet Services, and Customer Service). The principal and interest payments required to support this debt are included in the operating budgets of the respective Internal Service departments. The total cost of each Internal Service function is then allocated to the user departments based on appropriate allocation methodologies.

**Recent Bond Referendums**

1997 Bond Program – The 1997 Referendum considered the authorization of GO Bonds to fund various City facilities and infrastructure improvements. Of the nine propositions included in the Referendum, eight were approved by voters.

The approved 1997 propositions included:

Streets	\$ 67,970,000
Northeast Parkway	4,240,000
Drainage/Flooding	10,570,000
Libraries	5,890,000
Parks	12,370,000
Cultural Arts	3,440,000
Public Safety	19,890,000
Municipal Facilities	<u>1,710,000</u>
Total 1997 Authority	<u>\$126,080,000</u>

A copy of the Referendum authorizing the 1997 Program is included in *Appendix C*.

2004 Bond Program – The 2004 Referendum considered the authorization of GO Bonds to fund various City facilities, infrastructure improvements, and economic development projects. Of the eight propositions included in the Referendum, all were approved by voters.

The approved 2004 propositions included:

Streets	\$113,370,000
Drainage/Flooding	28,000,000
Parks	21,680,000
Libraries	9,400,000
Public Safety	12,950,000
Municipal Facilities	11,180,000
Economic Development	3,420,000
Harbor Point	<u>23,745,000</u>
Total 2004 Authority	<u>\$223,745,000</u>

A copy of the Referendum authorizing the 2004 Program is included in *Appendix C*.

**2019 Bond Program** – The 2019 Referendum considered the authorization of GO Bonds to fund various City facilities including an Animal Shelter & Adoption Facility and Police Evidence and Property Facility, infrastructure improvements, and economic development projects. Of the eight propositions included in the Referendum, all were approved by voters.

The approved 2019 propositions included:

Streets	\$122,250,000
Public Safety	51,350,000
Storm Drainage	47,350,000
Parks and Recreation	117,750,000
Libraries	21,000,000
Economic Development	46,000,000
Municipal Facilities	6,000,000
Animal Shelter	<u>12,000,000</u>
Total 2019 Authority	<u>\$423,700,000</u>

A copy of the Referendum authorizing the 2019 Program is included in *Appendix C*.

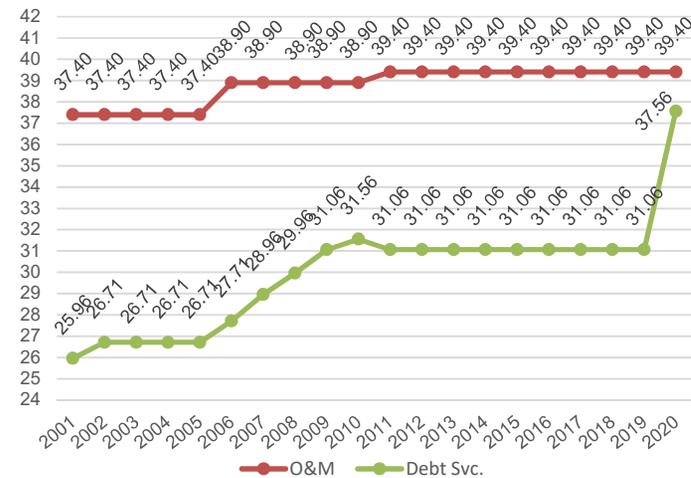
Detailed schedules regarding projects with multiple funding sources and the implementation of the 2019 Bond Program are included in *Appendices F and G*.

Detailed schedules reflecting the remaining 1997, 2004, and 2019 Bond projects are in the 2019 CIP Status section of the CIP. These schedules indicate the funding and estimated date of completion for each project.

**Tax Rate Impact of Bond Programs**

Projections at the time of the 1997 Bond Election indicated that a total increase of 4.14 cents would be necessary to fund the Program. For the 2004 Bond Program, projections indicated an increase of 11.5 cents would be necessary, based on a seven-year implementation. Due to the growth in the tax base, the elongation of the programs, and the Debt Service Tax Rate Management Strategy implemented in FY 2010-11, the net change in the Debt Service Tax rate had been held at 5.6 cents since FY 1998-99. Following voter approval of the 2019 Bond Program, a 6.5-cent increase to the Debt Service Tax Rate was adopted for a seven to ten-year implementation.

**Historical  
Adopted Ad Valorem Tax Rates  
(In Cents)**



## 2020 CAPITAL IMPROVEMENT PROGRAM OVERVIEW

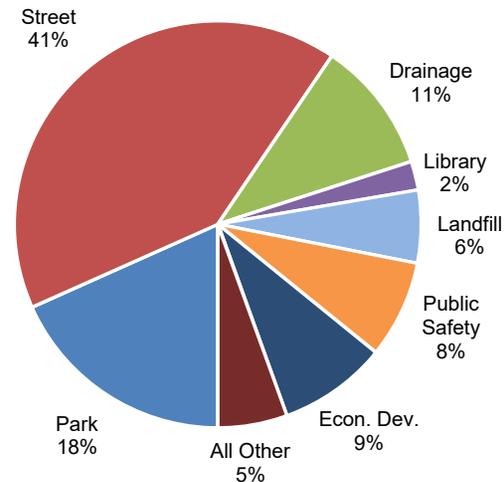
### 2020 Program Expenditures

The 2020 CIP totals \$342.0 million and includes the following program areas and expenditure amounts:

<u>Program Areas</u>	<u>Expenditures</u>
<b>Tax-Supported Programs:</b>	
(1) Park	\$ 23,935,000
(2) Street/Transportation	53,763,000
(3) Drainage	13,769,000
(4) Library	2,981,000
(5) Public Safety	10,129,000
(6) Economic Development	11,302,000
(7) Facilities and Miscellaneous	7,209,000
(8) Landfill/Transfer Station	7,549,000
Total Tax-Supported	130,637,000
<b>Internal Service Programs:</b>	
(1) Information Technology	1,465,000
Total Internal Service	1,465,000
<b>Utility Programs:</b>	
(1) Environmental Waste Svcs.	2,695,000
(2) Stormwater Management	273,000
(3) Water	39,939,000
(4) Wastewater	68,477,000
(5) Electric	98,544,000
Total Utility-Supported	209,928,000
<b>Total 2020 CIP</b>	<b>\$342,030,000</b>

The 2020 CIP reflects an increase of approximately \$62.3 million (22.3%) from the 2019 Capital Budget of \$279.7 million. The Tax-Supported program increased by \$42.8 million (48.7%) from the 2019 Capital Budget of \$87.8 million. Of the total \$130.6 million in Tax-Supported programs, \$66.5 million (50.9%) is related to the 1997, 2004, and 2019 Bond projects funded from authorized debt.

**2020 Tax-Supported Programs**



**2020 CIP Funding Sources**

Of the total \$342.0 million 2020 CIP, \$160.0 million (46.8%) is carryover from previous Capital Budgets or amendments, \$153.0 million (44.7%) represents additional funding for projects begun in prior years, and \$29.0 million (8.5%) is related to projects being initiated for the first time in 2020. Funding the 2020 CIP work program will require new debt issuance of \$153.6 million compared to \$129.3 million in 2019. Of the \$153.6 million, \$94.2 million is in the City's Utilities. Specifically, funding will come from the following sources:

<b>Funding Sources</b>	<b>Tax-Supported Programs</b>	<b>Internal Services</b>	<b>Utility Programs</b>	<b>Total 2020 CIP</b>
<b>Current Funds:</b>				
Cash Available	\$ 27,048,000	\$ 664,000	\$ 21,100,000	\$ 48,812,000
Intergovernmental Participation	21,719,000		7,505,000	29,224,000
<b>Total Cash and Transfers</b>	<b>48,767,000</b>	<b>664,000</b>	<b>28,605,000</b>	<b>78,036,000</b>
<b>Debt Issuances:</b>				
Prior-Year Approved Commercial Paper (CP)	23,281,000		87,077,000	110,358,000
1997 GO Bonds (CP)	200,000			200,000
2004 GO Bonds (CP)	17,557,000			17,557,000
2019 GO Bonds (CP)	25,474,000			25,474,000
2020 Certificates of Obligation (COs)	15,358,000	801,000	2,325,000	18,484,000
2020 Electric (CP)			53,709,000	53,709,000
2020 Water & Wastewater (CP)			38,212,000	38,212,000
Sub-Total New Debt Issuance	58,589,000	801,000	94,246,000	153,636,000
<b>Total 2020 CIP Funding</b>	<b>\$130,637,000</b>	<b>\$1,465,000</b>	<b>\$209,928,000</b>	<b>\$342,030,000</b>
<b>Project Allocations:</b>				
Existing Funding for Previously Approved	\$ 58,810,000	\$ 664,000	\$100,557,000	\$160,031,000
Continuation Funding for Previously Approved	48,252,000	413,000	104,345,000	153,010,000
Funding for New Projects	23,575,000	388,000	5,026,000	28,989,000
<b>Total 2020 CIP</b>	<b>\$130,637,000</b>	<b>\$1,465,000</b>	<b>\$209,928,000</b>	<b>\$342,030,000</b>

**Projected Debt Service and Tax Rate Impact**

The Debt Service Tax Rate, which funds the Tax-Supported program, may be impacted by multiple factors including:

- (1) Changes in the principal and interest payments for debt issued in prior years.
- (2) Additional Debt Service resulting from new COs.
- (3) Additional Debt Service from Commercial Paper (CP) issues.
- (4) The replacement of CP with GO Bonds.
- (5) Short-Term Tax Notes for the City’s infrastructure refurbishment program.
- (6) Changes in the property tax base.
- (7) Stair-step increases designed to avoid spikes in the tax rate when GO Bonds are issued to replace outstanding Commercial Paper.
- (8) Savings from the refinancing of existing debt.

The Debt Service portion of the Property Tax Rate is projected to be unchanged by the 2020 CIP.

**Anticipated  
2020-21 Debt Service Tax Rate  
(Cents per \$100 Valuation)**

Current Rate	37.56 cents
2020-21 Increase Due to 2020 CIP	<u>0.00</u> cents
Total Debt Service Tax Rate	<u>37.56</u> cents

**Utility Rate Impacts and Projections**

Water – Commercial Paper issuances of \$11.7 million are required to fund the 2020 Water Utility CIP and equate to a 1% increase in Water rates. The total rate increase anticipated for FY 2020-21 is projected to be approximately 3.0% due to increased costs for water purchases from the North Texas Municipal Water District and increased costs to maintain and improve Water-related infrastructure.

Wastewater – Commercial Paper issuances of \$26.5 million are required to fund the 2020 Wastewater Utility CIP. Of the total Wastewater rate increase projected at 2.4% for FY 2020-21, the impact of the 2020 CIP is 1.9%. This projected rate increase is due primarily to costs associated with Wastewater Collection infrastructure improvements and Wastewater Treatment Plant processes improvements and modifications needed for compliance with State and Federal regulations.

Electric – Commercial Paper issuances of \$53.7 million are required to fund the 2020 Electric Utility CIP program. No direct rate impact is anticipated to customers in FY 2020-21 as a result of the 2020 CIP.

Environmental Waste Services (EWS) - Delivery – A CO debt issue of \$3.1 million to fund the replacement of aging EWS - Delivery equipment will require approximately \$636,000 in new Debt Service payments for FY 2020-21. Of the total rate increase for EWS - Delivery projected at 3.6% for FY 2020-21, the impact of the 2020 CIP is 0.9%.

## **Program Overviews**

The following sections include an overview of the 2020 projects in each of the program areas.

### **Park – \$23,935,000**

Major projects in 2020 include Audubon Recreation Center, Tuckerville Park Development, Skating/Skateboard Facility, Greenbelt Drainage Improvements, Hollabaugh Recreation Center, Garland Senior Activity Center, and Holford Recreation Center.

Ongoing programs will deliver improvements at various locations. These programs include Playground Replacement, Sports Field/Park Renovation, Park System Parking and Park Roads, and Trail Development.

The 2020 CIP includes \$5,085,000 of spending on 2004 Bond projects and programs and \$7,135,000 of spending on 2019 Bond projects and programs. The 2019 Bond Program authorized \$117,750,000 of General Obligation Bonds for Parks and Recreation facilities and improvements.

### **Street/Transportation – \$53,763,000**

Major projects in 2020 include Fifth Street - Miller to Avenue D - Drainage, Oates Road - Broadway to Rosehill, Callejo Road - Botello to Campbell, Chaha Road - I.H. 30 to Lake Ray Hubbard Parkway, Brand Road - S.H. 190 to Muirfield, Shiloh Road - I.H. 635 to Kingsley, Naaman School Road - Brand to S.H. 78, Waterhouse - Bobtown to Hayman, Lyons Road - I.H. 30 to Guthrie Road, and Holford Road Segment A - PGBT to City Limits.

Ongoing programs will deliver improvements at various locations. These programs include New Sidewalks and/or ADA Routes, Paving of Unimproved Alleys, Sidewalk Participation,

Bottleneck Improvements, Operational and Safety Improvements, Signal Equipment Modernization, Traffic Control System, and Railroad Crossing Improvements.

The 2020 CIP includes \$25,853,000 of spending on 2004 Bond projects and programs and \$7,094,000 of spending on 2019 Bond projects and programs. The 2019 Bond Program authorized \$122,250,000 of General Obligation Bonds for Street Improvements.

The Street Reconstruction and Improvements program that started in 2015 to provide additional resources for the rehabilitation of City streets is funded for FY 2019-20 in the Operating Budget through General Fund and Utility cash transfers and the issuance of a short-term tax note. Debt issuance for the Street Reconstruction and Improvements program is not anticipated again until 2026.

### **Drainage – \$13,769,000**

Major projects in 2020 include Classic and Yale, Garland Heights /Freeman, Country Club Park Estates Drainage Improvements, and Garvon West Industrial Park Drainage Improvements.

Ongoing programs will deliver improvements at various locations. These programs include Drainage Maintenance, Bridge and Drainage Infrastructure Remediation, Local Flooding, Drainage Participation, and Drainage Improvements Prior to Street Replacement.

The 2020 CIP includes \$4,305,000 of spending on 2004 Bond projects and programs and \$4,035,000 of spending on 2019 Bond projects and programs. The 2019 Bond Program authorized \$47,350,000 of General Obligation Bonds for Storm Drainage projects.

Library – \$2,981,000

Major projects in 2020 include Relocate/Expand Walnut Creek Branch Library, remote library kiosks and makerspace rooms as part of the Modernization/Upgrade of Garland Branch Libraries, and Central Library Life and Safety Upgrades Scope A.

The 2020 CIP includes \$1,715,000 of spending on 2019 Bond projects. The 2019 Bond Program authorized \$21,000,000 of General Obligation Bonds for Library Facilities and Improvements.

Public Safety – \$10,129,000

Major projects in 2020 include Police Evidence and Property Facility, Police Station Security Improvements, and Relocation of Fire Station Nos. 1, 6, and 7.

Ongoing programs will provide equipment for the Fire Department including the replacement of 3 ambulances and 160 self-contained breathing apparatus (SCBA) & 370 SCBA bottles.

The 2020 CIP includes \$1,025,000 of spending on 2004 Bond projects and programs and \$5,142,000 of spending on 2019 Bond projects. The 2019 Bond Program authorized \$51,350,000 of General Obligation Bonds for Public Safety facilities and improvements.

Economic Development – \$11,302,000

Major projects in 2020 include Downtown Infrastructure and Intersection Improvements, Downtown Square Design and Construction, Downtown Streetscape & Redevelopment, Rosehill Road Power Lines, Rosehill Streetscape & Public Improvements, and Downtown Parking Lots.

Ongoing programs will deliver improvements at various locations. These programs include Neighborhood Vitality, Economic Development & Redevelopment, and Land Acquisition & Parcel Assemblage.

The 2020 CIP includes \$2,991,000 of spending on 2004 Bond projects and programs and \$3,746,000 of spending on 2019 Bond projects and programs. The 2019 Bond Program authorized \$46,000,000 of General Obligation Bonds for Economic Development.

Municipal Facilities and Misc. Tax Supported – \$7,209,000

Major projects in 2020 include Garland Animal Shelter & Adoption Facility, Street Department Facility Renovation, Transportation Maintenance and Operations Facility Renovation, and Equipment Covered Structures/Facility Pavement Improvements.

The 2020 CIP includes \$2,463,000 of spending on 2019 Bond projects. The 2019 Bond Program authorized \$6,000,000 of General Obligation Bonds for Municipal Facilities improvements and \$12,000,000 of General Obligation Bonds for the Garland Animal Shelter & Adoption Facility.

Ongoing programs will deliver improvements at various locations. These programs include HVAC Replacement; Roof Replacement; Facilities Upgrades; Fire Alarm, Fire Safety and Security Systems; and Parking Lot Upgrades.

Equipment upgrades and replacement of CGTV production will improve operations with funding coming from Public, Educational, and Government (PEG) Fees levied on cable TV bills.

Miscellaneous Revenue Supported  
and Internal Service – \$4,433,000

The Miscellaneous Revenue Supported projects include those for Internal Service departments, Stormwater Management, and Environmental Waste Services - Delivery.

A new project for 2020 is EMIT Redundant Fiber Path and Fiber Replacement. Active projects that will be continued in 2020 include Telephone System Replacement and Upgrade of Network and Cabling at various City facilities.

In addition, the 2020 CIP includes the replacement of nine (9) pieces of equipment used in the Environmental Waste Services (EWS) - Delivery operations. The equipment requested for EWS includes one side-load refuse truck, three side-load recycling collection trucks, two rear-load brush and bulky goods collection trucks, two knuckle boom trucks, and one brush trailer. These pieces of equipment are beyond their useful lives and are requiring excessive ongoing repair and maintenance costs.

Landfill/Transfer Station – \$7,549,000

The 2020 Landfill/Transfer Station program includes the replacement of a trash compactor and a track loader. These critical pieces of equipment are past their useful lives and are requiring extensive maintenance to keep operational. Additional equipment requested is a backhoe, wheel loader, and miniature excavator.

Major projects scheduled to start design or construction in 2020 are Landfill Entry Safety and Efficiency Improvements, which includes the Automated Scales Project approved in a previous CIP, and Hinton Landfill Gas Collection & Control Systems Improvements project, which includes the continuation of the installation of 21 additional gas wells at Waste Cell No. 7, to begin the re-drilling of 24 wells that are no longer compliant with federal regulations, and the installation of an additional blower.

Water – \$39,939,000

The 2020 Water CIP includes continuation funding for transmission mains, water distribution line construction, replacement of water pump station equipment, fire hydrant installations, radio read water meter installations, and enhancements needed to meet water quality assurance standards. Also included for 2020 is additional funding for work required to relocate water mains prior to paving in conjunction with ongoing and upcoming Street projects. New projects for Water include Water Tower Corrosion Abatement, Water Utility Equipment for a vacuum truck, and Lavon Pump Station Ground Storage Tank Rehab.

Wastewater – \$68,477,000

The Wastewater program for 2020 includes continuation funding for infiltration correction, sewer collection mains, cured-in-place pipe main and lateral lines rehabilitation, improvements at both the Duck Creek and Rowlett Creek Wastewater Treatment Plants needed to ensure compliance with State and Federal environmental regulations, and odor control improvements at the Duck Creek Wastewater Treatment Plant to further prevent nuisance odors from interfering with normal activities occurring on property near that facility. Also included is funding for work required to relocate sewer mains prior to paving in conjunction with ongoing and upcoming Street projects.

One new project included in 2020 is for a 30-ton crane for use at Rowlett Creek Wastewater Treatment Plant.

Electric – \$98,544,000

Transmission Lines and Substations Upgrades are large contributors to Electric's 2020 CIP and include a new line and station in West Texas, upgrades to the McCree to Shiloh and Brand to College lines, and line rebuilds over Lake Lavon and Lake Ray Hubbard. Also included is phase two of the Apollo Substation rebuild, conversion of the Newman Substation, and the installation of an autotransformer at the McCree Substation.

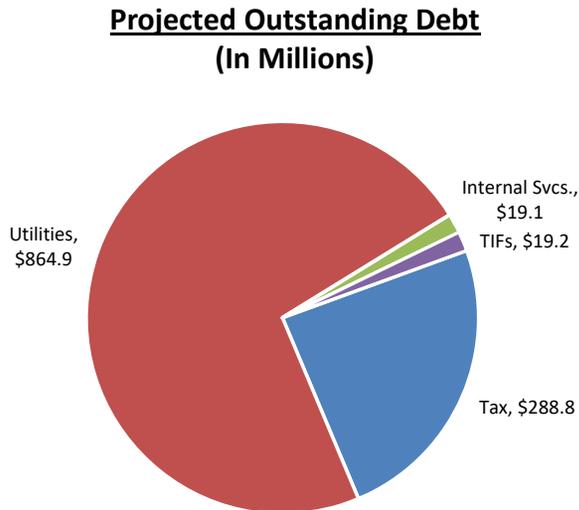
Other projects for 2020 include Olinger and Spencer fire suppression system improvements, as well as the replacement of water filtration units at both facilities, and the replacement of a high-reach transmission bucket truck.

The 2020 CIP for Electric also provides continuation funding in several areas including Overhead and Underground Distribution facilities, Street and Thoroughfare Lighting, Residential Construction, Communications Upgrades, Commercial and Industrial Construction, and Relocation of Facilities.

## OUTSTANDING DEBT

### Total Outstanding Debt

Including the issuances for the 2020 CIP, Garland's total outstanding debt is projected to be \$1.2 billion by the end of FY 2019-20. Of this amount, \$288.8 million is tax-supported, \$1.8 million is supported by the Downtown TIF, and \$17.4 million is supported by contributions from the I.H. 30 TIF. The remaining \$884.0 million is supported by the Utilities and Internal Service Funds.



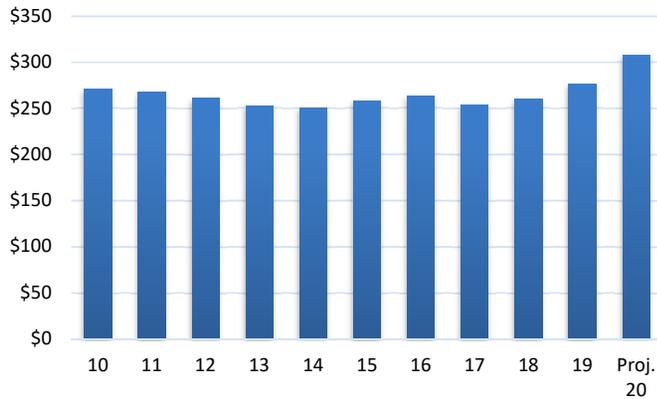
### **Projected Outstanding Debt** **FYE 2019-20**

<b>Tax-Supported Debt:</b>	
General Obligation Bonds	\$ 120,450,000
Certificates of Obligation	100,552,000
Commercial Paper	<u>67,753,000</u>
Total Tax-Supported Debt	<u>288,755,000</u>
TIF-Supported Debt - Harbor Point	<u>17,425,000</u>
TIF-Supported Debt - Downtown	<u>1,775,000</u>
<b>Total Tax-Supported &amp; TIF Debt</b>	<b><u>\$ 307,955,000</u></b>
<b>Revenue-Supported Debt:</b>	
General Obligation Bonds	\$ 18,850,000
Certificates of Obligation	16,030,000
Revenue Bonds	672,690,000
Commercial Paper	<u>176,471,000</u>
<b>Total Revenue-Supported Debt</b>	<b><u>\$ 884,041,000</u></b>
<b>Total Projected Outstanding Debt</b>	<b><u>\$1,191,996,000</u></b>

**Tax-Supported and TIF-Supported Outstanding Debt**

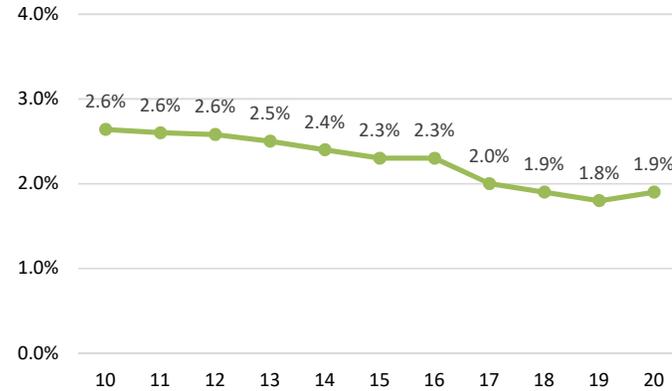
Assuming no project delays, long-term tax-supported and TIF-supported debt is projected to be \$308.0 million by the end of FY 2019-20. This reflects an increase of \$37.9 million (14%) since 2010. Previous decreases were due mostly to the decline in the tax base and elongation of the Bond Programs experienced during the recession.

**Historical Tax-Supported Debt Levels**  
(In Millions)

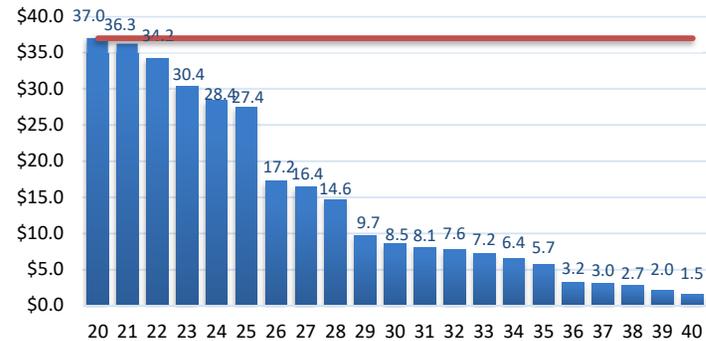


While the State of Texas does not place a debt limitation on Home-Rule cities, Council financial policies restrict tax-supported debt to 5% of the assessed valuation of taxable property. Projected tax-supported long-term debt equates to 1.9% of Garland's 2019 estimated tax base, which is well below the 5% limitation.

**Long-Term Tax-Supported Debt**  
**As Percentage of Tax Base**

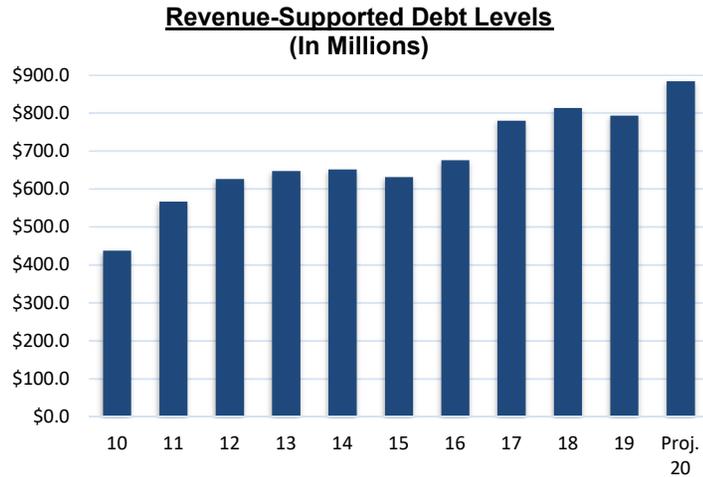


**Existing Long-Term Tax-Supported Debt Service**  
(In Millions)



**Revenue-Supported Outstanding Debt**

Revenue-supported debt is projected to reach \$884.0 million by the end of FY 2019-20. This reflects an increase of \$446.7 million over the past ten years, with most of the increase coming from the City's Electric and Water Utilities.



The following table reflects the projected revenue-supported debt outstanding by the end of FY 2019-20 and the change in outstanding obligations from ten years ago for each area.

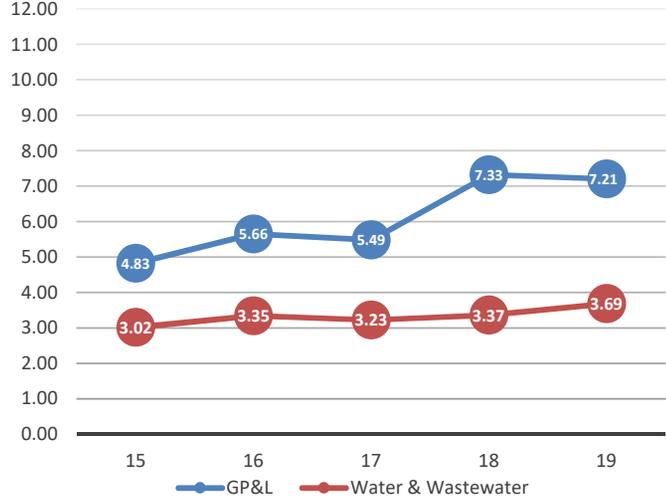
**Projected Revenue-Supported Outstanding Debt**  
**FYE 2019-20**

	<b>Projected Outstanding Debt</b>	<b>Change from 2010</b>
Electric Utility	\$568.2	\$411.2
Water Utility	127.8	47.9
Wastewater Utility	156.8	(2.3)
Env. Waste Svcs. - Delivery	10.8	10.8
Stormwater Management	1.2	(2.0)
Internal Service	19.2	(18.9)
<b>Totals</b>	<b><u>\$884.0</u></b>	<b><u>\$446.7</u></b>

For Enterprise Funds, such as the Utilities, pledged-revenue coverage ratios provide a measure of financial strength in relation to the amount of debt the fund is carrying. Ratios are calculated based on net earnings before depreciation and the average annual Debt Service. The higher the resulting ratio, the stronger the financial position of the fund. The pledged-revenue coverage ratios are typically required to be 1.25.

Shown on the following page are the pledged-revenue coverage ratios for Electric and Water & Wastewater Revenue Bonds. Each of the Utilities reflects an excellent pledged-revenue coverage ratio.

**Pledged-Revenue Coverage  
Last Five Fiscal Years**



**Bond Ratings**

The City of Garland’s financial strength has received superb ratings from Standard & Poor’s and Fitch IBCA as reflected below:

Debt Category	Standard & Poor’s	Fitch IBCA
GO/CO Tax-Supported	AA+	AAA
Water/Sewer Revenue Bonds	AA-	AA
Electric Utility System	A+	AA-

**City of Garland  
5+ Years Expenditure Projection  
Approved Projects  
(In 000's Dollars)**

	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Total Expenditures</b>
<b>Tax-Supported</b>							
Park	\$ 23,935	\$ 22,471	\$ 38,705	\$ 33,095	\$ 15,681	\$ 6,897	\$ 140,784
Street	53,763	35,579	43,398	35,792	19,604	44,626	232,762
Drainage	13,769	12,454	12,575	7,720	15,347	2,111	63,976
Library	2,981	802	6,832	2,868	6,829	5,007	25,319
Public Safety	10,129	17,400	17,106	9,366	9,107	31,246	94,354
Economic Development	11,302	12,886	20,179	13,207	7,182	15,265	80,021
Municipal Facilities/Miscellaneous	7,209	19,617	4,693	2,770	2,050	-	36,339
Landfill/Transfer Station	7,549	2,248	3,862	2,865	3,569	-	20,093
<b>Total Tax-Supported</b>	<b>\$ 130,637</b>	<b>\$ 123,457</b>	<b>\$ 147,350</b>	<b>\$ 107,683</b>	<b>\$ 79,369</b>	<b>\$ 105,152</b>	<b>\$ 693,648</b>
<b>Revenue-Supported</b>							
Miscellaneous	\$ 4,433	\$ 3,916	\$ 3,709	\$ 4,578	\$ 4,586	\$ 103	\$ 21,325
Water	39,939	26,227	19,755	22,683	20,102	-	128,706
Wastewater	68,477	38,833	40,880	37,395	33,430	95,267	314,282
Electric	98,544	47,659	21,769	19,468	16,674	-	204,114
<b>Total Revenue-Supported</b>	<b>\$ 211,393</b>	<b>\$ 116,635</b>	<b>\$ 86,113</b>	<b>\$ 84,124</b>	<b>\$ 74,792</b>	<b>\$ 95,370</b>	<b>\$ 668,427</b>
<b>Total CIP Expenditures</b>	<b>\$ 342,030</b>	<b>\$ 240,092</b>	<b>\$ 233,463</b>	<b>\$ 191,807</b>	<b>\$ 154,161</b>	<b>\$ 200,522</b>	<b>\$ 1,362,075</b>

**City of Garland  
5+ Years Debt Projection  
Approved Projects Debt Requirement  
(In 000's Dollars)**

	2020	2021	2022	2023	2024	2025 to Completion	Total Debt
<b>Tax-Supported</b>							
<b>General Obligation Debt</b>							
Park	\$ 8,867	\$ 22,191	\$ 36,538	\$ 32,042	\$ 15,681	\$ 6,897	\$ 122,216
Street	17,992	27,375	41,758	26,376	10,080	33,972	157,553
Drainage	5,954	11,504	12,075	7,220	15,347	2,111	54,211
Library	715	722	6,832	2,868	3,856	5,007	20,000
Public Safety	2,327	13,415	15,136	5,086	7,984	4,587	48,535
Economic Development	5,360	11,919	19,549	13,096	7,182	15,265	72,371
Municipal Facilities/Miscellaneous	2,016	13,223	2,241	20	-	-	17,500
<b>Total Taxable GO</b>	<b>\$ 43,231</b>	<b>\$ 100,349</b>	<b>\$ 134,129</b>	<b>\$ 86,708</b>	<b>\$ 60,130</b>	<b>\$ 67,839</b>	<b>\$ 492,386</b>
<b>Tax-Supported</b>							
<b>Certificates of Obligation</b>							
Park	\$ 2,037	\$ 200	\$ 1,835	\$ 1,053	\$ -	\$ -	\$ 5,125
Street	-	347	100	41	149	10,654	11,291
Drainage	2,580	950	500	500	-	-	4,530
Library	-	-	-	-	1,078	-	1,078
Public Safety	3,962	3,985	1,970	4,280	1,123	26,659	41,979
Economic Development	2,000	671	328	-	-	-	2,999
Municipal Facilities/Miscellaneous	606	6,050	2,448	2,750	2,050	-	13,904
Landfill/Transfer Station *	4,173	2,248	3,862	2,865	3,569	-	16,717
<b>Total Taxable CO</b>	<b>\$ 15,358</b>	<b>\$ 14,451</b>	<b>\$ 11,043</b>	<b>\$ 11,489</b>	<b>\$ 7,969</b>	<b>\$ 37,313</b>	<b>\$ 97,623</b>
<b>Revenue Bond/Commercial Paper</b>							
Water	\$ 11,722	\$ 23,644	\$ 17,750	\$ 22,683	\$ 20,102	\$ -	\$ 95,901
Wastewater	26,490	35,533	39,998	37,395	33,430	95,267	268,113
Electric	53,709	47,659	21,769	19,468	16,674	-	159,279
<b>Total Revenue Bond</b>	<b>\$ 91,921</b>	<b>\$ 106,836</b>	<b>\$ 79,517</b>	<b>\$ 79,546</b>	<b>\$ 70,206</b>	<b>\$ 95,267</b>	<b>\$ 523,293</b>
<b>Revenue</b>							
<b>Certificates of Obligation</b>							
Information Technology	\$ 801	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 801
Env. Waste Svcs. - Delivery	2,325	3,398	3,191	4,078	4,073	103	17,168
Stormwater Management	-	475	500	500	500	-	1,975
<b>Total Revenue CO</b>	<b>\$ 3,126</b>	<b>\$ 3,873</b>	<b>\$ 3,691</b>	<b>\$ 4,578</b>	<b>\$ 4,573</b>	<b>\$ 103</b>	<b>\$ 19,944</b>
<b>Total Debt Issuance</b>	<b>\$ 153,636</b>	<b>\$ 225,509</b>	<b>\$ 228,380</b>	<b>\$ 182,321</b>	<b>\$ 142,878</b>	<b>\$ 200,522</b>	<b>\$ 1,133,246</b>

\* Excludes issuance of \$164,000 in 2020 for equipment approved on 2019 CIP Budget Amendment No. 3.



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# **DEBT ALLOCATION**



**GARLAND**

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## ESTIMATED SALE OF AUTHORIZED GENERAL OBLIGATION BONDS (In 000's Dollars)

PROGRAM	TOTAL BONDS AUTHORIZED	BONDS/CP ISSUED	APPROVED COMMERCIAL PAPER ISSUE	AUTHORIZATION OUTSTANDING	Bond/Commercial Paper Sales						2025 to Completion	Total
					2020	2021	2022	2023	2024			
Park 1997	\$12,370	\$11,776	\$594	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cultural Arts 1997	3,440	3,440	0	0	0	0	0	0	0	0	0	0
Park 2004	21,680	8,092	2,648	10,940	2,901	4,229	2,915	325	570	0	10,940	
Park 2019	117,750	1,474	0	116,276	5,966	18,363	36,364	33,575	15,111	6,897	116,276	
<b>TOTAL PARK/CULTURAL ARTS</b>	<b>\$155,240</b>	<b>\$24,782</b>	<b>\$3,242</b>	<b>\$127,216</b>	<b>\$8,867</b>	<b>\$22,592</b>	<b>\$39,279</b>	<b>\$33,900</b>	<b>\$15,681</b>	<b>\$6,897</b>	<b>\$127,216</b>	
Street 1997	\$72,210	\$70,587	\$1,423	\$200	\$200	\$0	\$0	\$0	\$0	\$0	\$200	
Street 2004	113,370	57,302	5,311	50,757	11,048	17,094	14,805	1,620	693	5,497	50,757	
Street 2019	122,250	0	0	122,250	7,354	13,358	34,971	28,705	9,387	28,475	122,250	
<b>TOTAL STREET</b>	<b>\$307,830</b>	<b>\$127,889</b>	<b>\$6,734</b>	<b>\$173,207</b>	<b>\$18,602</b>	<b>\$30,452</b>	<b>\$49,776</b>	<b>\$30,325</b>	<b>\$10,080</b>	<b>\$33,972</b>	<b>\$173,207</b>	
Drainage 1997	\$10,570	\$10,503	\$67	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Drainage 2004	28,000	21,139	0	6,861	1,919	4,442	500	0	0	0	6,861	
Drainage 2019	47,350	0	0	47,350	4,035	7,062	11,575	7,220	15,347	2,111	47,350	
<b>TOTAL DRAINAGE</b>	<b>\$85,920</b>	<b>\$31,642</b>	<b>\$67</b>	<b>\$54,211</b>	<b>\$5,954</b>	<b>\$11,504</b>	<b>\$12,075</b>	<b>\$7,220</b>	<b>\$15,347</b>	<b>\$2,111</b>	<b>\$54,211</b>	
Library 1997	\$5,890	\$5,878	\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Library 2004	9,400	9,386	14	0	0	0	0	0	0	0	0	
Library 2019	21,000	1,000	0	20,000	715	722	6,832	2,868	3,856	5,007	20,000	
<b>TOTAL LIBRARY</b>	<b>\$36,290</b>	<b>\$16,264</b>	<b>\$26</b>	<b>\$20,000</b>	<b>\$715</b>	<b>\$722</b>	<b>\$6,832</b>	<b>\$2,868</b>	<b>\$3,856</b>	<b>\$5,007</b>	<b>\$20,000</b>	
Public Safety 1997	\$19,890	\$19,771	\$119	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Public Safety 2004	12,950	11,890	635	425	425	0	0	0	0	0	425	
Public Safety 2019	51,350	3,240	0	48,110	1,902	13,415	15,136	5,086	7,984	4,587	48,110	
<b>TOTAL PUBLIC SAFETY</b>	<b>\$84,190</b>	<b>\$34,901</b>	<b>\$754</b>	<b>\$48,535</b>	<b>\$2,327</b>	<b>\$13,415</b>	<b>\$15,136</b>	<b>\$5,086</b>	<b>\$7,984</b>	<b>\$4,587</b>	<b>\$48,535</b>	
Municipal Facilities 1997	\$1,710	\$1,521	\$189	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Municipal Facilities 2019	18,000	500	0	17,500	2,016	13,223	2,241	20	0	0	17,500	
<b>TOTAL MUNICIPAL FACILITIES</b>	<b>\$19,710</b>	<b>\$2,021</b>	<b>\$189</b>	<b>\$17,500</b>	<b>\$2,016</b>	<b>\$13,223</b>	<b>\$2,241</b>	<b>\$20</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,500</b>	
Economic Development 2004	\$11,180	\$4,512	\$1,871	\$4,797	\$344	\$1,998	\$2,105	\$350	\$0	\$0	\$4,797	
Economic Development 2019	46,000	0	0	46,000	4,406	5,523	6,685	6,939	7,182	15,265	46,000	
<b>TOTAL ECONOMIC DEV.</b>	<b>\$57,180</b>	<b>\$4,512</b>	<b>\$1,871</b>	<b>\$50,797</b>	<b>\$4,750</b>	<b>\$7,521</b>	<b>\$8,790</b>	<b>\$7,289</b>	<b>\$7,182</b>	<b>\$15,265</b>	<b>\$50,797</b>	
Land Acquisition 2004	\$3,420	\$2,500	\$0	\$920	\$0	\$920	\$0	\$0	\$0	\$0	\$920	
Harbor Point Project 2004	\$23,745	\$23,745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TOTAL</b>	<b>\$773,525</b>	<b>\$268,256</b>	<b>\$12,883</b>	<b>\$492,386</b>	<b>\$43,231</b>	<b>\$100,349</b>	<b>\$134,129</b>	<b>\$86,708</b>	<b>\$60,130</b>	<b>\$67,839</b>	<b>\$492,386</b>	
Total 1997	\$126,080	\$123,476	\$2,404	\$200	\$200	\$0	\$0	\$0	\$0	\$0	\$200	
Total 2004	223,745	138,566	10,479	74,700	16,637	28,683	20,325	2,295	1,263	5,497	74,700	
Total 2019	423,700	6,214	0	417,486	26,394	71,666	113,804	84,413	58,867	62,342	417,486	
<b>TOTAL</b>	<b>\$773,525</b>	<b>\$268,256</b>	<b>\$12,883</b>	<b>\$492,386</b>	<b>\$43,231</b>	<b>\$100,349</b>	<b>\$134,129</b>	<b>\$86,708</b>	<b>\$60,130</b>	<b>\$67,839</b>	<b>\$492,386</b>	

**ESTIMATED SALE OF  
CERTIFICATE OF OBLIGATION BONDS  
(In 000's Dollars)**

<b>PROGRAM</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Total</b>
<b>Tax Supported</b>							
Park/Cultural Arts	\$2,037	\$200	\$1,835	\$1,053	\$0	\$0	\$5,125
Street	0	347	100	41	149	10,654	11,291
Drainage	2,580	950	500	500	0	0	4,530
Library	0	0	0	0	1,078	0	1,078
Public Safety	3,962	3,985	2,110	4,280	1,123	26,659	42,119
Economic Development	2,000	671	328	0	0	0	2,999
Municipal Facilities & Tax Supported	606	6,050	2,448	2,750	2,050	0	13,904
Landfill/Transfer Station *	4,337	2,248	3,862	2,865	3,569	0	16,881
<b>Total Tax Supported</b>	<b>\$15,522</b>	<b>\$14,451</b>	<b>\$11,183</b>	<b>\$11,489</b>	<b>\$7,969</b>	<b>\$37,313</b>	<b>\$97,927</b>
<b>Internal Service</b>							
Fleet Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Information Technology	801	0	0	0	0	0	801
<b>Total Internal Service</b>	<b>\$801</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$801</b>
<b>Utilities</b>							
EWS	\$2,325	\$3,398	\$3,191	\$4,078	\$4,073	\$103	\$17,168
Stormwater Management	0	475	500	500	500	0	1,975
<b>Total Utilities</b>	<b>\$2,325</b>	<b>\$3,873</b>	<b>\$3,691</b>	<b>\$4,578</b>	<b>\$4,573</b>	<b>\$103</b>	<b>\$19,143</b>
<b>TOTAL ESTIMATED CO ISSUE</b>	<b>\$18,648</b>	<b>\$18,324</b>	<b>\$14,874</b>	<b>\$16,067</b>	<b>\$12,542</b>	<b>\$37,416</b>	<b>\$117,871</b>

\* Includes debt for equipment approved on 2019 CIP Budget Amendment No. 3.

## 2020 CERTIFICATE OF OBLIGATION ISSUE

Park/Cultural Arts	
Skating/Skateboard Facility	\$710,000
Greenbelt Drainage Improvements	<u>1,327,000</u>
Total Park / Cultural Arts	<u><u>\$2,037,000</u></u>
Drainage	
Bridge and Drainage Infrastructure Remediation	\$2,280,000
Drainage Maintenance Program	<u>300,000</u>
Total Drainage	<u><u>\$2,580,000</u></u>
Public Safety	
Ambulance Replacement	\$1,238,000
Replace Fire Apparatus	396,000
Emergency Response Safety Equipment	<u>2,328,000</u>
Total Public Safety	<u><u>\$3,962,000</u></u>
Economic Development	
Rosehill Streetscape & Public Improvements	\$900,000
Rosehill Road Power Lines	<u>1,100,000</u>
Total Economic Development	<u><u>\$2,000,000</u></u>
Facilities Management	
Roof Replacement	\$26,000
Facilities Upgrades	40,000
Fire Alarm, Safety and Security Systems	40,000
Equipment Covered Structures/Facility Pavement	<u>500,000</u>
Total Facilities Management	<u><u>\$606,000</u></u>

## 2020 CERTIFICATE OF OBLIGATION ISSUE

Landfill/Transfer Station	
Landfill Entry Safety and Efficiency Improvements	\$221,000
Replacement of Landfill Equipment	2,595,000
New Roll-Off Truck *	164,000
Hinton Landfill Gas Collection & Control Systems	<u>1,357,000</u>
Total Landfill/Transfer Station	<u>\$4,337,000</u>
<b>TOTAL TAX SUPPORTED OBLIGATION</b>	<b><u>\$15,522,000</u></b>
Environmental Waste Services - Delivery	
Replacement of Side-Load Residential Truck	\$236,000
Replacement of Recycling Truck	1,032,000
Replacement of Rear-Load Brush Trucks	658,000
Replacement of Knuckle Boom Truck	399,000
Total Environmental Waste Services - Delivery	<u>\$2,325,000</u>
Management Information Services	
Telephone System Replacement	\$413,000
EMIT Redundant Fiber Path and Fiber Replacement	<u>388,000</u>
Total Management Information Services	<u>\$801,000</u>
<b>TOTAL UTILITIES OBLIGATION</b>	<b><u>\$3,126,000</u></b>
<b>TOTAL CO ISSUE</b>	<b><u>\$18,648,000</u></b>

\* Equipment approved on 2019 CIP Budget Amendment No. 3.

## 2020 REVENUE SUPPORTED COMMERCIAL PAPER ISSUE

Water	
Transmission Mains (16-Inch and Above)	\$1,000,000
Distribution Lines (Up to 14-Inch)	3,000,000
Relocation of Mains Prior to Paving	2,000,000
Fire Hydrant Installation	415,000
Water Service Installation	427,000
Upgrade Undersized Water Mains	750,000
Water Distribution Line Replacement	750,000
Radio Read Water Meter Retrofit	626,000
Water Pump Station Emergency Generators	685,000
Field Operations Center	168,000
Water Tower Corrosion Abatement	1,120,000
Lavon Pump Station Ground Storage Tank Rehab	<u>781,000</u>
Total Water	<u><u>\$11,722,000</u></u>
Wastewater	
Infiltration Correction - Various	\$500,000
Sewer Collection Mains - Manholes	500,000
Sanitary Sewer Taps - New or Relocations	80,000
Collection Mains	3,500,000
Cured-in-Place Pipe Main & Lateral Rehab	1,000,000
Rowl-I - Campbell to Shiloh	1,600,000
Lift Station Abandonment	140,000
Duck Creek Interceptor Rehab	2,000,000
Rowlett Interceptor Rehab	1,200,000
Field Operations Center	200,000
Rehab Sewer Collection Mains in Dirt Alleys	2,300,000
Rowlett Creek WWTP Processes Improvements	4,300,000
Rowlett Creek WWTP Replacements/Mods.	2,200,000
Duck Creek WWTP Odor Control	<u>6,970,000</u>
Total Wastewater	<u><u>\$26,490,000</u></u>

## 2020 REVENUE SUPPORTED COMMERCIAL PAPER ISSUE

Electric	
Commercial and Industrial Construction	\$105,000
Transmission Lines	13,989,000
Distribution Lines - Overhead	4,314,000
Distribution Lines - Underground	2,345,000
Substations Upgrades	<u>32,956,000</u>
Total Electric	<u>\$53,709,000</u>
<b>TOTAL COMMERCIAL PAPER OBLIGATION</b>	<b><u>\$91,921,000</u></b>

# **2019 CIP STATUS**



**GARLAND**

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# CITY OF GARLAND CAPITAL IMPROVEMENT PROGRAM 2019 STATUS REPORT

## INTRODUCTION

The Capital Improvement Program (CIP) Status Report summarizes the current standing of projects included in the 2019 CIP, which was approved by the City Council on March 5, 2019. The Status Report is divided into three major sections including:

- (1) **Completion Rate** – Completion rate of the 2019 CIP for each program area. Reflects the percentage of 2019 funding projected to be expended by the end of the 2019 calendar year.
- (2) **Project Schedule** – A schedule reflecting each project included in the 2019 CIP, the completion date estimated at the time the CIP was adopted, and the revised completion date as submitted by departments in November 2019.
- (3) **Remaining 1997, 2004, and 2019 Bond Projects** – Schedule of uncompleted projects authorized in the 1997, 2004, and 2019 Bond Referendums, with updated completion dates.



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# Completion Rate



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## 2019 CIP – COMPLETION RATE

Program Areas	Completion Rate
<b>Tax-Supported Programs:</b>	
Park	28.8%
Street/Transportation	40.3%
Drainage	19.5%
Library	16.9%
Public Safety	61.5%
Economic Development	36.5%
Facilities and Miscellaneous	39.4%
Landfill/Transfer Station	56.5%
Total Tax-Supported	39.3%
<b>Internal Service</b>	52.2%
<b>Utility Programs:</b>	
Environmental Waste Services	91.1%
Stormwater Management	53.0%
Water	22.0%
Wastewater	9.1%
Electric	72.1%
Total Utility-Supported	51.0%
<b>Grand Total</b>	<b>47.2%</b>

The Completion Rate considers the \$10,168,051 appropriated by 2019 CIP Budget Amendments No. 1, 2, & 3. Copies of the Ordinances appropriating this amount are included in *Appendix B*.

Additional information is included that reflects the original completion dates as projected in December 2018 and updated completion dates as revised by departments in November 2019.



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# **Project Schedule**



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## 2019 CIP STATUS BY PROJECT

<b>Park</b>		<b>2019 Approved Completion Date</b>	<b>2020 Approved Completion Date</b>	<b>Project Delay (Months)</b>
18209	Trail Development	Ongoing	Ongoing	
18318	Surf & Swim Aquatic Facility Expansion	Ongoing	June-2025	
18320	Granger Recreation Center & Annex Renovation	December-2020	December-2020	
18325	Audubon Recreation Center Expansion	March-2022	December-2021	3
18327	Gale Fields Recreation Center Expansion	December-2021	December-2021	
18329	Tuckerville Park Sports Field Development	December-2025	December-2022	36
18330	Skating/Skateboard Facility	Ongoing	February-2021	
18331	Expand Centralized Irrigation/Lighting Control	May-2019	COMPLETE	
18332	Land Acquisition	Ongoing	Ongoing	
18334	Audubon Park Picnic Area Paving Replacement	November-2020	March-2024	(40)
18335	Gatewood Picnic Pavilion	December-2020	December-2020	
18337	Windsurf Bay Park	November-2020	December-2020	(1)
18338	Playground Improvements	Ongoing	Ongoing	
18345	Repaving of Parking Lots for Parks Department	Ongoing	Ongoing	
18346	Park Operations Facility Improvements	December-2021	December-2023	(24)
18347	Dog Park	November-2019	February-2020	(3)
18348	Park Lighting Improvements - Parking Lots	Ongoing	Ongoing	
18350	Fencing - Audubon and Winters Soccer Complex	December-2019	COMPLETE	
18351	Pedestrian/Bike Bridges - Duck Creek	July-2020	July-2020	
18353	Carter Softball Facility Canopy Replacement	May-2019	May-2020	(12)
18354	Greenbelt Drainage Improvements	December-2020	December-2020	
18355	Cultural Arts Facilities Renovations	December-2019	COMPLETE	
18356	Pool UV Filter Replacement	May-2019	COMPLETE	

## 2019 CIP STATUS BY PROJECT

		2019 Approved Completion Date	2020 Approved Completion Date	Project Delay (Months)
<b><u>Street/Transportation</u></b>				
14176	New Sidewalks	Ongoing	Ongoing	
14200	Street and Alley Petition	Ongoing	Ongoing	
14202	Sidewalk / Curb & Gutter Participation	Ongoing	Ongoing	
14255	Fifth Street - Miller to Avenue D - Phase B	December-2025	December-2020	60
14261	Oates Road - Broadway to Rosehill	December-2019	June-2020	(6)
14264	Callejo Road - Botello to Campbell	December-2025	December-2022	36
14265	Chaha Road - I.H. 30 to Zion	December-2024	December-2025	(12)
14266	Chaha Road - I.H. 30 to Lake Ray Hubbard Pkwy.	December-2025	December-2021	48
14272	Bobtown Road - Rowlett to Waterhouse	December-2020	December-2021	(12)
14273	Brand Road - S.H. 190 to Muirfield	December-2023	December-2023	
14288	Shiloh Road - I.H. 635 to Kingsley	December-2021	December-2021	
14292	Pleasant Valley Road - Richfield to Miles	December-2019	December-2020	(12)
14301	Screen Wall Reconstruction	Ongoing	Ongoing	
14302	Naaman School Road (Brand to S.H. 78) (Full Project)	June-2019	May-2024	(59)
14303	Waterhouse - Bobtown to Hayman	December-2020	December-2021	(12)
14305	Holford Road - PGBT to Creekwood	December-2021	August-2022	(8)
14306	Holford Road - Arapaho to PGBT (Segments B & C)	December-2025	December-2026	(12)
14309	Oates Road - Channel Isle to Heron's Bay #3	December-2019	December-2020	(12)
14311	Leon Road	March-2019	COMPLETE	
15640	Operational and Safety Improvements	Ongoing	Ongoing	
15219	Miscellaneous Equipment and Services	Ongoing	COMPLETE	
15600	New Traffic Signal Installations	Ongoing	Ongoing	
15544	LED Replacement Program	Ongoing	COMPLETE	
15530	Traffic Control System	Ongoing	Ongoing	
15547	Emergency Services Signal Equipment	Ongoing	Ongoing	
15578	Railroad Crossing Improvements	Ongoing	Ongoing	
15596	North-South Bikeway	December-2020	December-2020	
15620	Signal Equipment Modernizations	Ongoing	Ongoing	
15751	Train Quiet Zone	Ongoing	Ongoing	
14304	LBJ Sound Wall Aesthetics	June-2019	COMPLETE	
14307	Transit Pass - Bottleneck Improvements	December-2022	Ongoing	
39818	Street Reconstruction and Improvements	Ongoing	Ongoing	
39841	Navasota Drive - Blanco Lane to Castle Drive	September-2019	COMPLETE	
<b><u>Drainage</u></b>				
14230	Miscellaneous Flooding	Ongoing	Ongoing	
14231	Petition Drainage	Ongoing	Ongoing	
14244	Classic and Yale	December-2024	December-2021	36
14245	Garland Heights / Freeman	December-2024	December-2022	24
14246	Parkmont Drive	June-2019	June-2020	(12)
14248	Bridge Remediation	Ongoing	Ongoing	
<b><u>Library</u></b>				
19581	Facilities Upgrades	Ongoing	Ongoing	
19584/5	Central Library Life and Safety Upgrades Scope A/B	December-2020	December-2024	(48)

## 2019 CIP STATUS BY PROJECT

		2019 Approved Completion Date	2020 Approved Completion Date	Project Delay (Months)
<b>Public Safety</b>				
Fire				
12032	Fire Station No. 5	February-2019	COMPLETE	
12099	Remodel Fire Station No. 7	July-2027	December-2025	19
12101	Relocate Fire Station No. 1	December-2023	November-2024	(11)
12107	Ambulance Replacement	Ongoing	Ongoing	
12058	Replace Fire Apparatus	Ongoing	Ongoing	
12108	Emergency Response Safety Equipment	December-2020	Ongoing	
12110	Fire Health and Safety Equipment	March-2019	COMPLETE	
Information Technology				
23047	Radio System Replacement	June-2019	COMPLETE	
<b>Economic Development</b>				
Engineering				
10046	Land/Property Acquisition	December-2019	December-2020	
10510	Downtown Street/Sidewalk/Parking Study (Scope Change)	December-2022	December-2023	(12)
Planning				
10027	Downtown Streetscape & Redevelopment Design	Ongoing	Ongoing	
10032	Land Acquisition	Ongoing	Ongoing	
10034	Neighborhood Vitality Program (incl. 2019 Bonds)	December-2019	Ongoing	
10042	Downtown Gateways	December-2020	December-2023	(36)
10043	Downtown Square Design & Construction	December-2020	December-2023	(36)
10044	Forest/Jupiter Streetscape	December-2022	December-2022	
10049	Commercial Corridor Revitalization	December-2024	December-2022	24
10127	Walnut Street Pedestrian Corridor	May-2019	June-2020	(13)
10509	Rosehill Streetscape & Public Improvements	December-2020	December-2020	
<b>Municipal Facilities and Miscellaneous Tax Supported</b>				
Facilities Management				
16037	HVAC Replacement/Upgrade	Ongoing	Ongoing	
16038	Roof Replacement	Ongoing	Ongoing	
16039	Facilities Upgrade	Ongoing	Ongoing	
16057	Fire Alarm, Fire Safety and Security Systems	Ongoing	Ongoing	
16062	Parking Lot Upgrades	Ongoing	Ongoing	
16066	Carver Center Renovation	June-2019	COMPLETE	
16067	Carver Senior Center Renovation	April-2019	COMPLETE	
Firewheel				
36530	Firewheel Golf Park Improvements	Ongoing	Ongoing	
36531	Firewheel Golf Park Cart Replacements	Ongoing	Ongoing	
Public & Media Relations				
16084	CGTV - Upgrades	Ongoing	Ongoing	
Street				
39811	Infrastructure Equipment	Ongoing	Ongoing	

## 2019 CIP STATUS BY PROJECT

		2019 Approved Completion Date	2020 Approved Completion Date	Project Delay (Months)
<b><u>Miscellaneous Revenue Supported and Internal Service</u></b>				
EWS - Delivery				
21068	Replacement of Side-Load Residential Trucks	Ongoing	Ongoing	
21069	Replacement of Recycling Trucks	Ongoing	Ongoing	
21071	Replacement of Rear-Load Brush Trucks	Ongoing	Ongoing	
21073	Replacement of Brush Tractor Trucks & Trailers	Ongoing	Ongoing	
21075	Replacement of Commercial Front-Load Trucks	Ongoing	Ongoing	
21078	Replacement of Knuckle Boom Trucks	Ongoing	Ongoing	
21081	Replacement of Commercial Roll-Off Trucks	Ongoing	Ongoing	
21086	Replacement of Bobcat Skid Loader	Ongoing	Ongoing	
21087	Restoration of Paint Booth	January-2019	COMPLETE	
21090	EWS Land Acquisition	January-2019	COMPLETE	
Fleet Services				
19034	Fleet Services Exterior Restoration	December-2019	COMPLETE	
Information Technology				
23019	Network and Cabling Upgrades	Ongoing	December-2020	
23048	Telephone System Replacement	December-2021	December-2020	12
23061	Wastewater/Northern Route Fiber Replacement	December-2019	COMPLETE	
Stormwater Management				
39819	Stormwater Maintenance Equipment	Ongoing	Ongoing	
<b><u>Landfill/Transfer Station</u></b>				
17154	Replacement of Landfill Equipment	Ongoing	Ongoing	
17155	Replacement of Transfer Station Equipment	Ongoing	Ongoing	
17162	Transfer Station Rebuild	April-2019	COMPLETE	
17161	Hinton Landfill GCCS Expansion ( <b>Scope Change</b> )	February-2019	December-2020	(22)
17158	Wheel Wash Installation ( <b>Scope Change</b> )	December-2019	COMPLETE	
17108	Addition of Automated Scales ( <b>Scope Change</b> )	January-2019	December-2022	(47)
17166	Construction of Waste Cell #8	December-2019	June-2020	

## 2019 CIP STATUS BY PROJECT

		2019 Approved Completion Date	2020 Approved Completion Date	Project Delay (Months)
<b>Water</b>				
30190	Transmission Mains (16-Inch and Above)	Ongoing	Ongoing	
30191	Distribution Lines (Up to 14-Inch)	Ongoing	Ongoing	
30192	Relocation of Mains Prior to Paving	Ongoing	Ongoing	
30195	Relocation of Mains Prior to Storm Sewer Installation	Ongoing	Ongoing	
30197	Water Pump Station Rehabilitation	Ongoing	Ongoing	
30205	Fire Hydrant Installation	Ongoing	Ongoing	
30206	Water Service Installation	Ongoing	Ongoing	
30207	Upgrade Undersized Water Mains	Ongoing	Ongoing	
30208	Water Distribution Line Replacement	Ongoing	Ongoing	
30213	Radio Read Water Meter Retrofit	Ongoing	Ongoing	
30216	Country Club/Bobtown Road Water Transmission Mains	December-2019	December-2020	(12)
30235	Roan Road Water Transmission Main	December-2019	December-2020	(12)
30236	Water Quality Assurance	Ongoing	Ongoing	
30237	Water Pump Station Emergency Generators	December-2021	Ongoing	
30238	Field Operations Center	December-2021	December-2021	
30239	Sand Pit Cover	March-2019	COMPLETE	
<b>Wastewater</b>				
32124	Infiltration Correction - Various	Ongoing	Ongoing	
32147	Sewer Collection Mains - Manholes	Ongoing	Ongoing	
32148	Sanitary Sewer Taps - New or Relocations	Ongoing	Ongoing	
32149	Collection Mains	Ongoing	Ongoing	
32151	Sewer Lift Station Rehab	Ongoing	Ongoing	
32154	Cured-in-Place Pipe Main & Lateral Rehab	Ongoing	Ongoing	
32157	Relocation of Mains Prior to Paving	Ongoing	Ongoing	
32161	Rowl-1 - Campbell to Shiloh	November-2020	December-2020	(1)
32174	Lift Station Abandonment	Ongoing	Ongoing	
32181	Duck Creek Greenbelt Trail Extension	April-2020	April-2020	
32183	Duck Creek Interceptor Rehab	Ongoing	Ongoing	
32184	Rowlett Interceptor Rehab	Ongoing	Ongoing	
32186	Walnut-I	December-2022	December-2022	
32187	S.H. 190 Catalyst Area	December-2020	December-2020	
32188	Field Operations Center	December-2021	December-2021	
32189	Sand Pit Cover	March-2019	COMPLETE	
32190	Rehab Sewer Collection Mains in Dirt Alleys	Ongoing	Ongoing	
33028	Rowlett Creek WWTP Processes Improvements	Ongoing	Ongoing	
33029	Rowlett Creek WWTP Replacements/Mods.	Ongoing	Ongoing	
34027	Duck Creek WWTP Replacements/Mods.	Ongoing	Ongoing	
34038	Duck Creek WWTP Processes Improvements	Ongoing	Ongoing	
33031	Rowlett Creek Operations Center Renovations	November-2019	COMPLETE	
33032	Rowlett Creek Admin. Building Renovation	December-2020	July-2020	5
34040	Duck Creek WWTP Odor Control	Ongoing	Ongoing	

## 2019 CIP STATUS BY PROJECT

		2019 Approved Completion Date	2020 Approved Completion Date	Project Delay (Months)
<b>Electric</b>				
31387	Transmission Lines	Ongoing	Ongoing	
31223	Communications Upgrades/Improvements	Ongoing	Ongoing	
31240	Residential Construction	Ongoing	Ongoing	
31320	Commercial and Industrial Construction	Ongoing	Ongoing	
31460	Street and Thoroughfare Lighting	Ongoing	Ongoing	
31491	Relocation of Facilities	Ongoing	Ongoing	
31532	Distribution Lines - Overhead	Ongoing	Ongoing	
31551	Production	Ongoing	Ongoing	
31624	Distribution Lines - Underground	Ongoing	Ongoing	
31717	Substations Upgrades	Ongoing	Ongoing	
31875	Various Improvements	Ongoing	Ongoing	

**Remaining 1997,  
2004 and 2019  
Bond Projects**



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### **1997 Bond Program**

Of the total funds available for projects included in the 1997 Bond Program, 99.5% was projected to be expended by the end of the 2019 calendar year. Of the \$126.1 million in General Obligation (GO) Bonds authorized in the 1997 Referendum, \$126.1 million (100%) is projected to be expended by the end of 2020. Additional details regarding outstanding projects approved in the 1997 Bond Referendum are included in the last section of the 2019 CIP Status.

### **2004 Bond Program**

Of the total funds available for projects included in the 2004 Bond Program, 58.6% was projected to be expended by the end of the 2019 calendar year. Of the \$223.7 million in General Obligation (GO) Bonds authorized in the 2004 Referendum, \$164.8 million (73.7%) is projected to be expended by the end of 2020. Additional details regarding outstanding projects approved in the 2004 Bond Referendum are included in the last section of the 2019 CIP Status.

### **2019 Bond Program**

Of the total funds available for projects included in the 2019 Bond Program, 0.1% was projected to be expended by the end of the 2019 calendar year. Of the \$423.7 million in General Obligation (GO) Bonds authorized in the 2019 Referendum, \$32.6 million (7.7%) is projected to be expended by the end of 2020. Additional details regarding outstanding projects approved in the 2019 Bond Referendum are included in the last section of the 2019 CIP Status.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 1997 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<b>Project No.</b>	<b>Project Description</b>	<b>Page</b>	<b>Funding Source</b>	<b>2020</b>	<b>2021</b>	<b>2022 to Completion</b>	<b>Remaining to Fund</b>	<b>Projected Completion Date</b>
<b><u>Street/Transportation</u></b>								
*15578	Railroad Crossing Improvements	121	GOB97	\$238	\$0	\$0	\$238	Ongoing
15596	North-South Bikeway	113	GOB97	360	0	0	360	Dec 2020
	Total			<u>\$598</u>	<u>\$0</u>	<u>\$0</u>	<u>\$598</u>	
<b>Grand Total - 1997 Bond Program</b>				<b><u>\$598</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$598</u></b>	

\* Additional funding in 2004 and 2019 Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2004 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<b>Project No.</b>	<b>Project Description</b>	<b>Page</b>	<b>Funding Source</b>	<b>2020</b>	<b>2021</b>	<b>2022 to Completion</b>	<b>Remaining to Fund</b>	<b>Projected Completion Date</b>
<b><u>Park</u></b>								
*18209	Trail Development	84	GOB04	\$317	\$0	\$0	\$317	Ongoing
*18318	Surf & Swim Aquatic Facility Expansion	79	GOB04	0	0	1,239	1,239	Jun 2025
*18325	Audubon Recreation Center Expansion	61	GOB04	2,163	394	0	2,557	Dec 2021
18327	Gale Fields Recreation Center Expansion	62	GOB04	120	880	0	1,000	Dec 2021
18329	Tuckerville Park Sports Field Development	63	GOB04	300	2,310	2,236	4,846	Dec 2022
18330	Skating/Skateboard Facility	64	GOB04	371	0	0	371	Feb 2021
18332	Land Acquisition	65	GOB04	0	650	0	650	Ongoing
18334	Audubon Picnic Area	66	GOB04	86	0	570	656	Mar 2024
18335	Gatewood Picnic Pavilion	67	GOB04	425	0	0	425	Dec 2020
18337	Windsurf Bay Park	68	GOB04	661	0	0	661	Dec 2020
*18338	Playground Improvements	80	GOB04	642	0	0	642	Ongoing
	Total			<u>\$5,085</u>	<u>\$4,234</u>	<u>\$4,045</u>	<u>\$13,364</u>	
<b><u>Drainage</u></b>								
*14230	Miscellaneous / Local Flooding	139	GOB04	\$2,100	\$0	\$0	\$2,100	Ongoing
14244	Classic and Yale	126	GOB04	1,655	1,292	0	2,947	Dec 2021
14245	Garland Heights / Freeman	127	GOB04	550	3,150	500	4,200	Dec 2022
	Total			<u>\$4,305</u>	<u>\$4,442</u>	<u>\$500</u>	<u>\$9,247</u>	

\* Additional funding in 1997 and 2019 Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2004 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<u>Project No.</u>	<u>Project Description</u>	<u>Page</u>	<u>Funding Source</u>	<u>2020</u>	<u>2021</u>	<u>2022 to Completion</u>	<u>Remaining to Fund</u>	<u>Projected Completion Date</u>
<b><u>Street/Transportation</u></b>								
*14176	New Sidewalks	109	GOB04	\$941	\$0	\$0	\$941	Ongoing
*14200	Street and Alley Petition	89	GOB04	325	325	1,137	1,787	Ongoing
*14202	Sidewalk / Curb & Gutter Participation	110	GOB04	205	645	0	850	Ongoing
14255	Fifth Street - Miller to Avenue D (Phase B)	90	GOB04	1,507	0	0	1,507	Dec 2020
14261	Oates Road - Broadway to Rosehill	91	GOB04	2,571	0	0	2,571	Jun 2020
14264	Callejo Road - Botello to Campbell	92	GOB04	500	2,140	4,150	6,790	Dec 2022
14265	Chaha Road - I.H. 30 to Zion	93	GOB04	0	0	1,000	1,000	Dec 2025
14266	Chaha Road - I.H. 30 to Lake Ray Hubbard Pkwy.	94	GOB04	600	3,550	0	4,150	Dec 2021
14272	Bobtown Road - Rowlett to Waterhouse	95	GOB04	2,720	2,750	0	5,470	Dec 2021
14273	Brand Road - S.H. 190 to Muirfield	96	GOB04	50	300	8,070	8,420	Dec 2023
14288	Shiloh Road - I.H. 635 to Kingsley	97	GOB04	6,336	4,600	0	10,936	Dec 2021
*15640	Operational and Safety Improvements	116	GOB04	426	340	0	766	Ongoing
*15600	New Traffic Signal Installations	120	GOB04	381	250	688	1,319	Ongoing
*15530	Traffic Control System	118	GOB04	1,895	431	0	2,326	Ongoing
*15547	Emergency Services Signal Equipment	119	GOB04	80	375	0	455	Ongoing
*15578	Railroad Crossing Improvements	121	GOB04	362	538	0	900	Ongoing
*15620	Signal Equipment Modernizations	117	GOB04	1,779	0	0	1,779	Ongoing
15751	Train Quiet Zone	114	GOB04	500	0	1,237	1,737	Ongoing
	Undesignated		GOB04	0	0	3,323	3,323	
	Total			<u>\$21,178</u>	<u>\$16,244</u>	<u>\$19,605</u>	<u>\$57,027</u>	

\* Additional funding in 1997 and 2019 Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2004 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<b>Project No.</b>	<b>Project Description</b>	<b>Page</b>	<b>Funding Source</b>	<b>2020</b>	<b>2021</b>	<b>2022 to Completion</b>	<b>Remaining to Fund</b>	<b>Projected Completion Date</b>
<b><u>Public Safety - Fire</u></b>								
*12099	Remodel Fire Station No. 7	155	GOB04	\$425	\$0	\$0	\$425	Dec 2025
*12101	Relocate Fire Station No. 1	156	GOB04	600	0	0	600	Nov 2024
	Total			<u>\$1,025</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,025</u>	
<b><u>Economic Development</u></b>								
*10032	Land Acquisition	176	GOB04	\$0	\$920	\$0	\$920	Ongoing
*10034	Neighborhood Vitality Grant Program	173	GOB04	1,115	0	89	1,204	Ongoing
10042	Downtown Gateways	167	GOB04	0	0	674	674	Dec 2023
*10043	Downtown Square Design & Construction	168	GOB04	506	333	0	839	Dec 2023
10044	Forest/Jupiter Streetscape	169	GOB04	0	100	880	980	Dec 2022
*10049	Commercial Corridor Revitalization	170	GOB04	100	2,790	0	2,890	Dec 2022
*10510	Downtown Infrastructure & Intersection Imps.	165	GOB04	350	1,040	3,010	4,400	Dec 2023
	Total			<u>\$2,071</u>	<u>\$5,183</u>	<u>\$4,653</u>	<u>\$11,907</u>	
<b>Grand Total - 2004 Bond Program</b>				<b><u>\$33,664</u></b>	<b><u>\$30,103</u></b>	<b><u>\$28,803</u></b>	<b><u>\$92,570</u></b>	

\* Additional funding in 1997 and 2019 Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2019 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<u>Project No.</u>	<u>Project Description</u>	<u>Page</u>	<u>Funding Source</u>	<u>2020</u>	<u>2021</u>	<u>2022 to Completion</u>	<u>Remaining to Fund</u>	<u>Projected Completion Date</u>
<b><u>Park</u></b>								
*18325	Audubon Recreation Center Expansion	61	GOB19	\$0	\$3,320	\$0	\$3,320	Dec 2021
18358	Rick Oden Park Improvements	74	GOB19	525	1,341	8,076	9,942	Jun 2023
18361	Sports Field Lighting - Winters Park	75	GOB19	865	0	0	865	Feb 2020
18363	Hollabaugh Recreation Center	76	GOB19	676	251	7,013	7,940	Dec 2023
18364	Garland Senior Activity Center	77	GOB19	416	3,291	303	4,010	Jun 2022
18365	Holford Recreation Center	78	GOB19	635	1,376	21,989	24,000	May 2024
*18370	Aquatics Program	79	GOB19	207	596	19,159	19,962	Ongoing
*18385	Playground Replacement Program	80	GOB19	628	1,920	4,452	7,000	Ongoing
18430	Sports Field/Park Renovation Program	81	GOB19	1,530	2,016	4,332	7,878	Ongoing
18475	Park System Parking and Park Roads	82	GOB19	427	2,004	8,069	10,500	Ongoing
18515	Parks Catalyst Area Improvements	83	GOB19	510	833	8,727	10,070	Ongoing
*18560	Trail Development Program	84	GOB19	716	1,014	5,228	6,958	Ongoing
Total				\$7,135	\$17,962	\$87,348	\$112,445	
<b><u>Drainage</u></b>								
14745	Country Club Park Estates Drainage Impvmts.	131	GOB19	\$361	\$1,272	\$2,637	\$4,270	Nov 2022
14746	Garvon West Industrial Park Drainage Impvmts.	132	GOB19	1,023	3,639	7,548	12,210	Nov 2022
14747	Lakewood Addition Drainage Improvements	133	GOB19	163	0	4,107	4,270	Dec 2024
14748	Western Heights No. 4 Drainage Improvements	134	GOB19	50	0	1,170	1,220	Dec 2023
14749	Saturn Springs Estates Drainage Improvements	135	GOB19	469	0	11,741	12,210	Dec 2024
14750	Montclair No. 2 & No. 3 Drainage Improvements	136	GOB19	175	0	4,095	4,270	Dec 2023
14751	Drainage Impvmts. Prior to Street Replacement	137	GOB19	69	94	537	700	Ongoing
*14800	Drainage Participation Program	138	GOB19	170	235	1,345	1,750	Ongoing
*14850	Local Flooding Program	139	GOB19	1,166	1,284	0	2,450	Ongoing
14900	Flood-Prone Properties Fund	140	GOB19	389	538	3,073	4,000	Ongoing
Total				\$4,035	\$7,062	\$36,253	\$47,350	

\* Additional funding in 1997 and 2004 Bond Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2019 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<u>Project No.</u>	<u>Project Description</u>	<u>Page</u>	<u>Funding Source</u>	<u>2020</u>	<u>2021</u>	<u>2022 to Completion</u>	<u>Remaining to Fund</u>	<u>Projected Completion Date</u>
<b><u>Street/Transportation</u></b>								
14302	Naaman School Road (Brand to S.H.-78)	100	GOB19	\$4,287	\$4,122	\$23,445	\$31,854	May 2024
14315	Holford Rd. Segment B - Naaman Forest to PGBT	103	GOB19	311	0	3,164	3,475	Dec 2023
14317	Shiloh Road - Kingsley Rd. to Miller Rd.	104	GOB19	83	745	2,172	3,000	May 2025
14318	Leon Road - S. Garland Ave. to McCree Rd.	105	GOB19	0	0	2,250	2,250	Nov 2027
14319	Lyons Road - I.H. 30 to Guthrie Rd.	106	GOB19	1,020	517	8,433	9,970	Aug 2023
14314	Holford Rd. Segment A - PGBT to City Limits	107	GOB19	478	1,896	1,643	4,017	Aug 2022
14316	Holford Rd. Seg. C - Arapaho to Naaman Forest	108	GOB19	0	0	9,758	9,758	Aug 2026
*14320	New Sidewalk and/or ADA Route Program	109	GOB19	0	509	3,491	4,000	Ongoing
*14390	Sidewalk Participation Program	110	GOB19	0	0	5,000	5,000	Ongoing
14425	Paving of Unimproved Alleys	111	GOB19	348	489	2,663	3,500	Ongoing
14460	Streets Catalyst Area Improvements	112	GOB19	278	500	2,569	3,347	Ongoing
14500	Bottleneck Improvements Program	115	GOB19	289	1,039	12,672	14,000	Ongoing
*14525	Operational and Safety Improvements	116	GOB19	0	60	3,440	3,500	Ongoing
*14560	Traffic Signal Equipment Modernization	117	GOB19	0	700	4,300	5,000	Ongoing
*14600	Traffic Control System	118	GOB19	0	119	2,381	2,500	Ongoing
*14625	Emergency Services Signal Equipment	119	GOB19	0	625	1,875	2,500	Ongoing
*14650	New Traffic Signal Installations	120	GOB19	0	0	1,225	1,225	Ongoing
*14700	Railroad Crossing Improvements	121	GOB19	0	0	2,100	2,100	Ongoing
Total				\$7,094	\$11,321	\$92,581	\$110,996	
<b><u>Library</u></b>								
19588	Relocate/Expand Walnut Creek Branch Library	145	GOB19	\$1,457	\$722	\$8,741	\$10,920	Aug 2023
19560	Mod./Upgrade of Garland Branch Libraries	146	GOB19	258	0	9,822	10,080	Ongoing
Total				\$1,715	\$722	\$18,563	\$21,000	

\* Additional funding in 1997 and 2004 Bond Program.

**CITY OF GARLAND  
CURRENT STATUS OF UNSPENT 2019 GO BONDS  
DECEMBER 2019  
(In 000's Dollars)**

<u>Project No.</u>	<u>Project Description</u>	<u>Page</u>	<u>Funding Source</u>	<u>2020</u>	<u>2021</u>	<u>2022 to Completion</u>	<u>Remaining to Fund</u>	<u>Projected Completion Date</u>
<b><u>Public Safety</u></b>								
13026	Police Evidence and Property Facility	151	GOB19	\$1,722	\$10,454	\$5,526	\$17,702	Oct 2022
13027	Simunitions Training Facility and Range Impvmts.	152	GOB19	0	321	2,679	3,000	May 2023
13028	Police Station Security Improvements	153	GOB19	145	1,819	36	2,000	May 2022
*12099	Rebuild/Relocate Fire Station No. 7	155	GOB19	368	240	7,202	7,810	Dec 2025
*12101	Relocate Fire Station No. 1	156	GOB19	801	0	11,165	11,966	Nov 2024
12104	Relocate Fire Station No. 6	157	GOB19	2,106	581	6,185	8,872	May 2023
	Total			<u>\$5,142</u>	<u>\$13,415</u>	<u>\$32,793</u>	<u>\$51,350</u>	
<b><u>Economic Development</u></b>								
*10510	Downtown Infrastructure & Intersection Impvmts.	165	GOB19	\$0	\$0	\$3,614	\$3,614	Dec 2023
10027	Downtown Streetscapes & Redevelopment	166	GOB19	260	537	3,843	4,640	Ongoing
*10043	Downtown Square Design & Construction	168	GOB19	0	401	4,599	5,000	Dec 2023
*10049	Commercial Corridor Revitalization	170	GOB19	0	275	2,725	3,000	Dec 2022
*10220	Neighborhood Vitality Program	173	GOB19	800	1,000	5,200	7,000	Ongoing
10515	Economic Development & Redevelopment	175	GOB19	1,722	3,489	19,789	25,000	Ongoing
*10800	Land Acquisition and Parcel Assemblage	176	GOB19	1,884	1,034	11,082	14,000	Ongoing
	Total			<u>\$4,666</u>	<u>\$6,736</u>	<u>\$50,852</u>	<u>\$62,254</u>	
<b><u>Municipal Facilities</u></b>								
16068	Garland Animal Shelter & Adoption Facility	186	GOB19	\$1,927	\$10,020	\$0	\$11,947	Dec 2021
16105	Street Department Facility Renovation	187	GOB19	324	3,124	52	3,500	May 2022
16106	Transportation Maint. & Ops. Facility Renovation	188	GOB19	212	79	2,209	2,500	Apr 2023
	Total			<u>\$2,463</u>	<u>\$13,223</u>	<u>\$2,261</u>	<u>\$17,947</u>	
<b>Grand Total - 2019 Bond Program</b>				<b><u>\$32,250</u></b>	<b><u>\$70,441</u></b>	<b><u>\$320,651</u></b>	<b><u>\$423,342</u></b>	

\* Additional funding in 1997 and 2004 Bond Program.

# **DETAIL PROJECT SUMMARIES**



**GARLAND**  
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**Parks  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total	
18320	Granger Rec. Center & Annex Renovation	60	CO, UF, GOB04	\$ 3,335	\$ 1,422	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,757	
18325	Audubon Recreation Center Expansion	61	UF, GOB04, GOB19	243	2,163	3,714	0	0	0	0	6,120	
18327	Gale Fields Recreation Center Expansion	62	GOB04	0	120	880	0	0	0	0	1,000	
18329	Tuckerville Park Development	63	GOB04	154	300	2,310	2,236	0	0	0	5,000	
18330	Skating/Skateboard Facility	64	CO20, CO, UF, GOB04	129	1,671	200	0	0	0	0	2,000	
18332	Land Acquisition	65	GOB04	350	0	650	0	0	0	0	1,000	
18334	Audubon Park Picnic Area Paving Replacement	66	GOB04	44	86	0	0	0	570	0	700	
18335	Gatewood Picnic Pavilion	67	GOB04	0	425	0	0	0	0	0	425	
18337	Windsurf Bay Park	68	GOB04	39	661	0	0	0	0	0	700	
18346	Park Operations Facility Improvements	69	INT, CO, UF	528	0	75	1,932	1,053	0	0	3,588	
18347	Dog Park	70	INT, CO	437	873	0	0	0	0	0	1,310	
18351	Ped/Bike Bridges - Crossings on Duck Creek	71	INT, CO	33	567	0	0	0	0	0	600	
18353	Carter Softball Facility Canopy Replcmt.	72	CO, UF, OTHER	1	239	0	0	0	0	0	240	
18354	Greenbelt Drainage Improvements	73	CO20, CO, UF	56	1,601	0	0	0	0	0	1,657	
18358	Rick Oden Park Improvements	74	GOB19	58	525	1,341	7,675	401	0	0	10,000	
18361	Sports Field Lighting - Winters Park	75	CF, GOB19	1,487	878	0	0	0	0	0	2,365	
18363	Hollabaugh Recreation Center	76	GOB19	0	676	251	3,238	3,775	0	0	7,940	
18364	Garland Senior Activity Center	77	GOB19	0	416	3,291	303	0	0	0	4,010	
18365	Holford Recreation Center	78	GOB19	0	635	1,376	6,170	15,614	205	0	24,000	
18370	Aquatics Program	79	INT, GOB04, GOB19	959	207	596	4,627	5,776	9,532	463	22,160	
18385	Playground Replacement Program	80	INT, CO, GOB04, GOB19	80	2,417	1,920	1,724	1,133	971	624	8,869	
18430	Sports Field/Park Renovation Program	81	GOB19	167	1,530	2,016	3,291	1,041	0	0	8,045	
18475	Park System Parking and Park Roads	82	INT, CF, CO, GOB19	1,988	3,817	2,004	5,200	1,344	1,443	82	15,878	
18515	Parks Catalyst Area Improvements	83	GOB19	0	510	833	1,283	1,943	1,926	3,575	10,070	
18560	Trail Development Program	84	GOB04, GOB19, GOB97, OTHER, TXDOT	1,687	2,196	1,014	1,026	1,015	1,034	2,153	10,125	
Total					<u>\$ 11,775</u>	<u>\$ 23,935</u>	<u>\$ 22,471</u>	<u>\$ 38,705</u>	<u>\$ 33,095</u>	<u>\$ 15,681</u>	<u>\$ 6,897</u>	<u>\$ 152,559</u>
Total Existing CO's/Current Funds/Interest/Other					\$ 7,246	\$ 9,678	\$ 75	\$ 97	\$ 0	\$ 0	\$ 0	\$ 17,096
Total 2020 Certificate of Obligation					0	2,037	0	0	0	0	0	2,037
Total Unfunded					0	0	200	1,835	1,053	0	0	3,088
Total 1997 Bond Program					1,016	0	0	0	0	0	0	1,016
Total 2004 Bond Program					3,208	5,085	4,234	3,150	325	570	0	16,572
Total 2019 Bond Program					305	7,135	17,962	33,623	31,717	15,111	6,897	112,750
Total					<u>\$ 11,775</u>	<u>\$ 23,935</u>	<u>\$ 22,471</u>	<u>\$ 38,705</u>	<u>\$ 33,095</u>	<u>\$ 15,681</u>	<u>\$ 6,897</u>	<u>\$ 152,559</u>

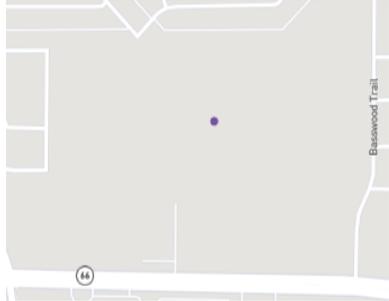
**Parks  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

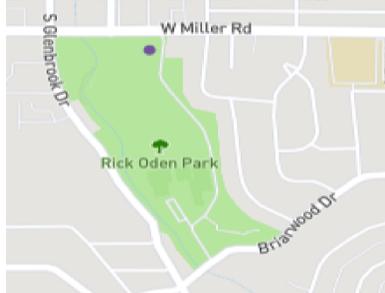
Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
18325	Audubon Recreation Center Expansion	61	Appr.	\$ 2,046	\$ 3,714	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,760
18327	Gale Fields Recreation Center Expansion	62	Appr.	120	880	0	0	0	0	1,000
18329	Tuckerville Park Development	63	Appr.	300	2,310	2,236	0	0	0	4,846
18330	Skating/Skateboard Facility	64	Appr.	710	200	0	0	0	0	910
18332	Land Acquisition	65	Appr.	0	645	0	0	0	0	645
18334	Audubon Park Picnic Area Paving Replacement	66	Appr.	0	0	0	0	570	0	570
18335	Gatewood Picnic Pavilion	67	Appr.	425	0	0	0	0	0	425
18337	Windsurf Bay Park	68	Appr.	10	0	0	0	0	0	10
18346	Park Operations Facility Improvements	69	Appr.	0	0	1,835	1,053	0	0	2,888
18354	Greenbelt Drainage Improvements	73	Appr.	1,327	0	0	0	0	0	1,327
18358	Rick Oden Park Improvements	74	Appr.	483	1,341	7,675	401	0	0	9,900
18363	Hollabaugh Recreation Center	76	Appr.	676	251	3,238	3,775	0	0	7,940
18364	Garland Senior Activity Center	77	Appr.	416	3,291	303	0	0	0	4,010
18365	Holford Recreation Center	78	Appr.	635	1,376	6,170	15,614	205	0	24,000
18370	Aquatics Program	79	Appr.	170	596	4,392	5,776	9,532	463	20,929
18385	Playground Replacement Program	80	Appr.	628	1,920	1,724	1,133	971	624	7,000
18430	Sports Field/Park Renovation Program	81	Appr.	1,374	2,016	3,291	1,041	0	0	7,722
18475	Park System Parking and Park Roads	82	Appr.	427	2,004	5,200	1,344	1,443	82	10,500
18515	Parks Catalyst Area Improvements	83	Appr.	510	833	1,283	1,943	1,926	3,575	10,070
18560	Trail Development Program	84	Appr.	647	1,014	1,026	1,015	1,034	2,153	6,889
Total				\$ 10,904	\$ 22,391	\$ 38,373	\$ 33,095	\$ 15,681	\$ 6,897	\$ 127,341
Total Approved				\$ 10,904	\$ 22,391	\$ 38,373	\$ 33,095	\$ 15,681	\$ 6,897	\$ 127,341
Total Unapproved				0	0	0	0	0	0	0
Total				\$ 10,904	\$ 22,391	\$ 38,373	\$ 33,095	\$ 15,681	\$ 6,897	\$ 127,341

<b>PROJECT TITLE</b> <b>GRANGER REC. CENTER &amp; ANNEX RENOVATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18320	<b>ACCOUNT NO(S).</b> 614-2499-1832004 692-2499-1832000
<b>PROJECT DESCRIPTION</b> Granger Recreation Center, located in Central Park, opened to the public in 1961 as Garland's first Recreation Center. This project funding provides for a two-phase renovation of the Recreation Center and the annex. Phase 1 is complete.  Phase 2 renovates the Granger Annex, constructed in 1957. Improvements include new restrooms, HVAC, plumbing, flooring, lighting, kitchen countertops, warming oven, and fire alarm system.								<b>PROJECT MAP</b> 	
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Phase 2 impacts the FY 2020-21 budget with janitorial supplies, equipment, IT-related, fire alarm monitoring, inspections and maintenance of fire sprinkler and sensors. Costs will be determined at completion of addition design.				<b>FUNDING SOURCE(S)</b>	
<b>Annual Cost/(Savings):</b>		Personnel		Operations		Capital		Total	
				720				\$ 720	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	
Design	400	120						520	Cert. of Oblig. Issued \$ 3,607,000
Land/Right-of-Way									2004 Bond Fund 1,150,000
Construction	2,935	1,302						4,237	
Equip. & Furnish.									
Other									
<b>TOTAL COSTS</b>	<b>3,335</b>	<b>1,422</b>						<b>4,757</b>	
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	
Current Funds									<b>TOTAL FUNDED \$ 4,757,000</b>
GO's/Com. Paper Issued	1,150							1,150	<b>UNFUNDED \$</b>
GO's Unissued									<b>PROJECT TOTAL \$ 4,757,000</b>
RB's/Com. Paper									
Certificates of Obligation	3,607							3,607	<b>PROJECT SCHEDULE</b>
Other									<b>START</b>
<b>Unfunded</b>									<b>FINISH</b>
<b>TOTAL SOURCES</b>	<b>4,757</b>							<b>4,757</b>	Design 05/2012 06/2020
									Land/Right-of-Way
									Construction 05/2018 12/2020
									<b>TOTAL SCHEDULE</b> 05/2012 12/2020

<b>PROJECT TITLE</b> <b>AUDUBON RECREATION CENTER EXPANSION</b>								*Amounts in 000's \$ <b>COUNCIL DISTRICT(S)</b> 4			
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18325	<b>ACCOUNT NO(S).</b> 614-1429-1832504 654-1429-1832504		
<b>PROJECT DESCRIPTION</b> Building expansion includes additional square footage for active recreation which includes a fitness area, improvements to the multi-purpose rooms, restrooms, storage, lobby and control desk expansion, site improvements, exterior patio, and canopy at entrance doors.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>			<b>IMPACT EXPLANATION</b> Additional costs associated with building expansion are estimated at \$1,100 per year for maintenance of additional square footage and interior finishes, fitness equipment, flooring, and monitoring and maintenance of fire alarm system.					<b>FUNDING SOURCE(S)</b>			
Annual Cost/(Savings): Personnel Operations                      1,100 Capital Total                                \$ 1,100											
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Design	243	460	37					740			
Land/Right-of-Way											
Construction		1,600	3,206					4,806			
Equip. & Furnish.			410					410			
Other		103	61					164			
<b>TOTAL COSTS</b>	243	2,163	3,714					6,120			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds											
GO's/Com. Paper Issued	360							360			
GO's Unissued		2,046	3,714					5,760			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	360	2,046	3,714					6,120			
								<b>TOTAL FUNDED</b>	\$	<u>6,120,000</u>	
								<b>UNFUNDED</b>		\$	<u>                    </u>
								<b>PROJECT TOTAL</b>		\$	<u>6,120,000</u>
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design	08/2014	12/2021	
								Land/Right-of-Way			
								Construction	07/2020	12/2021	
								<b>TOTAL SCHEDULE</b>	08/2014	12/2021	

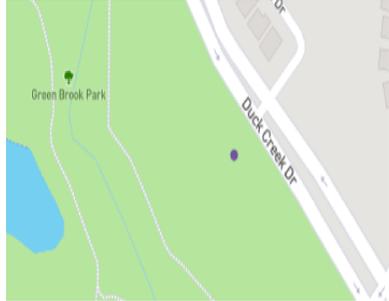
<b>PROJECT TITLE</b> <b>GALE FIELDS RECREATION CENTER EXPANSION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18327	<b>ACCOUNT NO(S).</b> 614-2499-1832704	
<b>PROJECT DESCRIPTION</b> Renovation of existing building to include updated finishes and fixtures.								<b>PROJECT MAP</b>		
										
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Impacts the Operating Budget by an additional \$2,100 per year for maintenance including HVAC, lighting, interior finishes, flooring, recreational equipment, and monitoring and maintenance of fire alarm system.						
Annual Cost/(Savings): Personnel Operations 2,100 Capital Total \$ 2,100										
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	
Design			120						120	
Land/Right-of-Way										
Construction				880					880	
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>			120	880					1,000	
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued			120	880					1,000	
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>			120	880					1,000	
								<b>FUNDING SOURCE(S)</b>		
								2004 Bond Fund Uniss. \$ 1,000,000		
								TOTAL FUNDED \$ 1,000,000		
								UNFUNDED \$		
								PROJECT TOTAL \$ 1,000,000		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	12/2019	09/2020
								Land/Right-of-Way		
								Construction	01/2021	12/2021
<b>TOTAL SCHEDULE</b>								<b>12/2019</b>	<b>12/2021</b>	

<b>PROJECT TITLE</b> <b>TUCKERVILLE PARK DEVELOPMENT</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18329		<b>ACCOUNT NO(S).</b> 614-2499-1832904	
<b>PROJECT DESCRIPTION</b> Initial work in the undeveloped 62-acre Tuckerville Park includes common infrastructure for a park entrance and drive, concrete parking, area lighting, underground utilities, and park signage. Future development includes a Phase I for lighted sports fields, concessions, restrooms, and neighborhood park elements such as a walking path, playground, and site furnishings.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> This is currently an undeveloped 62-acre tract. Maintenance costs for Phase I park development will impact the Operating Budget and will be determined as the project design development documents are completed.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss. \$ 4,846,000	
Design		33	300	310					643	2004 Bond Fund 154,000	
Land/Right-of-Way											
Construction		121		2,000	2,236				4,357		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		154	300	2,310	2,236				5,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 5,000,000	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued		154							154	PROJECT TOTAL \$ 5,000,000	
GO's Unissued			300	2,310	2,236				4,846		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		154	300	2,310	2,236				5,000		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		12/2005	12/2021
								Land/Right-of-Way		01/2017	03/2017
								Construction		01/2021	12/2022
<b>TOTAL SCHEDULE</b>								<b>TOTAL SCHEDULE</b>		12/2005	12/2022

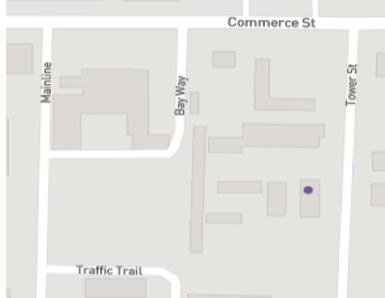
<b>PROJECT TITLE</b> <b>SKATING/SKATEBOARD FACILITY</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18330		<b>ACCOUNT NO(S).</b> 614-2499-1833004 692-2499-1833000	
<b>PROJECT DESCRIPTION</b> This funding provides for design and construction of a 40,000 square-foot facility in 2020 as part of the Rick Oden Park development.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 7,500 Capital Total \$ 7,500				<b>IMPACT EXPLANATION</b> The Skating/Skateboard Facility will impact the Operating Budget by approximately \$7,500 per year. This project will require funding for additional turf and trim maintenance, litter pickup, facility repairs, and site furnishings. This cost will be updated as design development documents near completion.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		129	100						229	2020 Certificates of Obligation \$ 710,000	
Land/Right-of-Way										Cert. of Oblig. Issued 590,000	
Construction			1,571	200					1,771	2004 Bond Fund 500,000	
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		129	1,671	200					2,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		500							500		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation		590	710						1,300	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>				200					200	<b>FINISH</b>	
<b>TOTAL SOURCES</b>		1,090	710	200					2,000	<b>TOTAL SCHEDULE</b>	
										Design 02/2019 06/2020	
										Land/Right-of-Way	
										Construction 07/2020 02/2021	
										TOTAL SCHEDULE 02/2019 02/2021	
										TOTAL FUNDED \$ 1,800,000	
										UNFUNDED \$ 200,000	
										PROJECT TOTAL \$ 2,000,000	

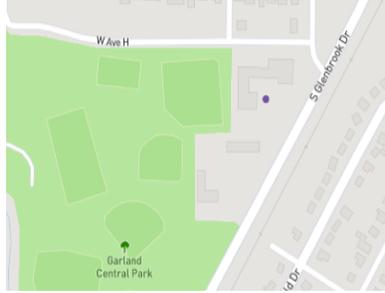
<b>PROJECT TITLE</b> <b>LAND ACQUISITION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18332		<b>ACCOUNT NO(S).</b> 614-2499-1833204	
<b>PROJECT DESCRIPTION</b> Funding for acquiring additional park land as recommended in the 2019 Master Plan.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Impact on the Operating Budget is dependent upon condition of the tract acquired - undeveloped or developed. (Example: Acquire an undeveloped tract for connector along greenbelt, or a contiguous natural area, with fewer or no mowing cycles, versus land adjacent to development requiring some additional mowing and edging, tree management, and litter pickup.)			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design										2004 Bond Fund Uniss. \$ 645,000	
Land/Right-of-Way		350		650					1,000	2004 Bond Fund 355,000	
Construction											
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		350		650					1,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										TOTAL FUNDED \$ <u>1,000,000</u>	
GO's/Com. Paper Issued		355							355	UNFUNDED \$ _____	
GO's Unissued				645					645	PROJECT TOTAL \$ <u>1,000,000</u>	
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		355		645					1,000		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design			
								Land/Right-of-Way			
								Construction			
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)	

<b>PROJECT TITLE</b> <b>AUDUBON PARK PICNIC AREA PAVING REPLACEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 4		
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18334		<b>ACCOUNT NO(S).</b> 614-2499-1833404	
<b>PROJECT DESCRIPTION</b> Improvements to the existing asphalt paved park road at the picnic area include replacement of pavement with concrete construction with additional parking spaces and area lighting.								<b>PROJECT MAP</b> 			
											<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>  2004 Bond Fund Uniss.      \$    570,000 2004 Bond Fund                      130,000  <b>TOTAL FUNDED</b> \$    700,000 <b>UNFUNDED</b> \$ _____ <b>PROJECT TOTAL</b> \$    700,000	
Design		44	86				20		150		
Land/Right-of-Way											
Construction							550		550		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		44	86				570		700		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		130							130		
GO's Unissued							570		570		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		130					570		700		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design	03/2019	03/2024	
								Land/Right-of-Way			
								Construction	01/2024	03/2024	
<b>TOTAL SCHEDULE</b>								<b>03/2019</b>	<b>03/2024</b>		

<b>PROJECT TITLE</b> <b>GATEWOOD PICNIC PAVILION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 4	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18335		<b>ACCOUNT NO(S).</b> 614-2499-1833504	
<b>PROJECT DESCRIPTION</b> Pavilion improvements include the addition of a permanent restroom facility, a group grill, and a paved accessible route from the parking lot.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> The Operating Budget will be impacted by approximately \$2,200 for new restrooms and facility improvement maintenance.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$    425,000	
Design			90						90		
Land/Right-of-Way											
Construction			335						335		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>			425						425		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$    425,000	
Current Funds										UNFUNDED      \$	
GO's/Com. Paper Issued										PROJECT TOTAL      \$    425,000	
GO's Unissued			425						425		
RB's/Com. Paper											
Certificates of Obligation										<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>			425						425	Design                      01/2020                      12/2020	
										Land/Right-of-Way	
										Construction                      08/2020                      12/2020	
										<b>TOTAL SCHEDULE</b> 01/2020                      12/2020	

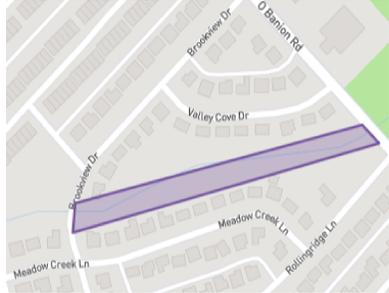
<b>PROJECT TITLE</b> <b>WINDSURF BAY PARK</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18337		<b>ACCOUNT NO(S).</b> 614-2499-1833704	
<b>PROJECT DESCRIPTION</b> This funding provides design, engineering, and initial construction of shoreline erosion control. Additional future funding will be needed for design of vehicular and non-vehicular circulation within the park, parking, park amenities, additional shoreline erosion control, and a permanent restroom facility. Staff are coordinating the park's future access with TxDOT and NTTA as design continues for the south extension of the PGBT, located outside of the park's west boundary.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 700 Capital Total \$ 700				A more accurate estimate will be determined for additional facility maintenance upon completion of the design development phase for the park's improvements.			
<b>FUNDING SOURCE(S)</b>								2004 Bond Fund Uniss. \$ 10,000 2004 Bond Fund 690,000			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design		39	115						154		
Land/Right-of-Way											
Construction			546						546		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		39	661						700		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		690							690		
GO's Unissued			10						10		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		690	10						700		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		03/2018	02/2020
								Land/Right-of-Way			
								Construction		11/2018	12/2020
<b>TOTAL SCHEDULE</b>										03/2018	12/2020
								<b>TOTAL FUNDED</b>		\$ 700,000	
								<b>UNFUNDED</b>		\$	
								<b>PROJECT TOTAL</b>		\$ 700,000	

<b>PROJECT TITLE</b> <b>PARK OPERATIONS FACILITY IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2			
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18346	<b>ACCOUNT NO(S).</b> 692-4749-1834600 692-4749-1834619			
<b>PROJECT DESCRIPTION</b> Park Maintenance Operations facility improvements for staff office areas, restrooms, meeting and training areas, maintenance and equipment sheds, maintenance equipment parking, and staff parking.								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				An estimated cost will be determined upon completion of the project scope.				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design		341			229	26			596	Interest	\$ 119,000	
Land/Right-of-Way		2		75					77	Cert. of Oblig. Issued	581,000	
Construction		185			1,703	1,027			2,915			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>		528		75	1,932	1,053			3,588			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds		44		75					119	TOTAL FUNDED \$ 700,000		
GO's/Com. Paper Issued										UNFUNDED \$ 2,888,000		
GO's Unissued										PROJECT TOTAL \$ 3,588,000		
RB's/Com. Paper												
Certificates of Obligation		581							581	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other										Design	01/2013	12/2023
<b>Unfunded</b>					1,835	1,053			2,888	Land/Right-of-Way	01/2021	12/2021
<b>TOTAL SOURCES</b>		625		75	1,835	1,053			3,588	Construction	05/2022	12/2023
										<b>TOTAL SCHEDULE</b>	01/2013	12/2023

<b>PROJECT TITLE</b> <b>DOG PARK</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18347		<b>ACCOUNT NO(S).</b> 692-2499-1834700	
<b>PROJECT DESCRIPTION</b> This project provides funding for the design and construction of a dog park at Central Park.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 15,000 Capital Total \$ 15,000				<b>IMPACT EXPLANATION</b> Impacts to the FY 2020-21 Operating Budget include maintenance and repair of the following: Class A mowing of an area not yet maintained to that level, automatic turf irrigation, multiple drinking fountains, edging/trimming along walks and fencing, and litter pickup.			
<b>FUNDING SOURCE(S)</b>								Interest \$ 234,444 Cert. of Oblig. Issued 1,075,843			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design		131	3						134		
Land/Right-of-Way											
Construction		306	870						1,176		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		437	873						1,310		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds		234							234		
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation		1,076							1,076		
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		1,310							1,310		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		11/2017	02/2020
								Land/Right-of-Way			
								Construction		06/2019	02/2020
								<b>TOTAL SCHEDULE</b>		11/2017	02/2020
								<b>TOTAL FUNDED</b>		\$ 1,310,287	
								<b>UNFUNDED</b>		\$	
								<b>PROJECT TOTAL</b>		\$ 1,310,287	

<b>PROJECT TITLE</b> <b>PED/BIKE BRIDGES - CROSSINGS ON DUCK CREEK</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 4		
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18351	<b>ACCOUNT NO(S).</b> 692-2499-1835100		
<b>PROJECT DESCRIPTION</b> Provides engineering and construction for replacement of two existing drainage crossings installed in the first phase of the Duck Creek Trail development in 1974. These drainage features empty into Duck Creek, and the crossings provide passage for pedestrians, bicycles, and park maintenance equipment. One of these locations is adjacent to the Duck Creek low water crossing. It is necessary to combine the design and construction of the low water crossing with one of the drainage crossings due to their proximity to each other. This improves the accessible route, as well as extends an existing drainage pipe, and slope stabilization along the creek bank at this area. The related funding for the low water crossing has been transferred from Greenbelt Drainage Improvements to this project.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> Positive impact to the Operating Budget from the replacement of two deteriorating drainage crossings, the installation of bank stabilization, and the rebuilding of the accessible routes for these areas.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Interest                                    \$      45,000		
Design	33	94						127	Cert. of Oblig. Issued                555,000		
Land/Right-of-Way											
Construction		473						473			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	33	567						600			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      600,000</b>		
Current Funds	45							45	<b>UNFUNDED            \$                   </b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL     \$      600,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	555							555	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>									<b>FINISH</b>		
<b>TOTAL SOURCES</b>	600							600	Design                                    02/2018      07/2020		
									Land/Right-of-Way		
									Construction                          03/2020      07/2020		
									<b>TOTAL SCHEDULE</b> 02/2018      07/2020		



<b>PROJECT TITLE</b> <b>GREENBELT DRAINAGE IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3 and 4	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 18354	<b>ACCOUNT NO(S).</b> 692-2499-1835400	
<b>PROJECT DESCRIPTION</b> This project funds the design and construction for improvements to drainage structures in parks which sustained severe damage during periods of flooding in 2015, including (1) repairs to a section of gabian bank stabilization in Meadowcreek Branch Greenbelt Park, a tributary of Duck Creek located where the meander of the bank is near residential rear-yard properties, and (2) Arnold & Carol Ablon Park at the pond where the erosion of soil around and under the trail is damaging concrete structures.								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>					<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 1,327,000 Cert. of Oblig. Issued 330,000	
Design	56	50						106		
Land/Right-of-Way										
Construction		1,551						1,551		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	56	1,601						1,657		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 1,657,000</b> <b>UNFUNDED \$ _____</b> <b>PROJECT TOTAL \$ 1,657,000</b>	
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	330	1,327						1,657	<b>PROJECT SCHEDULE</b> Design 12/2017 12/2020	
Other									Land/Right-of-Way	
<b>Unfunded</b>									Construction 02/2020 12/2020	
<b>TOTAL SOURCES</b>	330	1,327						1,657	<b>TOTAL SCHEDULE</b> 12/2017 12/2020	

<b>PROJECT TITLE</b> <b>RICK ODEN PARK IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 18358	<b>ACCOUNT NO(S).</b> 654-1429-1835819 654-2499-1835819	
<b>PROJECT DESCRIPTION</b> Construction may include new tennis pro shop, regional playground, pedestrian bridge, shade structures, benches, drinking fountains, restrooms, trails, renovations to sports field, paving improvements, and general site infrastructure improvements.								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>					<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss. \$ 9,900,000 2019 Bond Fund 100,000	
Design	58	501	453	117	35			1,164		
Land/Right-of-Way										
Construction			656	7,421	342			8,419		
Equip. & Furnish.				38	12			50		
Other		24	232	99	12			367		
<b>TOTAL COSTS</b>	58	525	1,341	7,675	401			10,000		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 10,000,000</b> <b>UNFUNDED \$ _____</b> <b>PROJECT TOTAL \$ 10,000,000</b>	
Current Funds										
GO's/Com. Paper Issued	100							100		
GO's Unissued		483	1,341	7,675	401			9,900		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	100	483	1,341	7,675	401			10,000	<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design 05/2019 06/2023	
									Land/Right-of-Way	
									Construction 11/2021 06/2023	
									<b>TOTAL SCHEDULE</b> 05/2019 06/2023	

<b>PROJECT TITLE</b> <b>SPORTS FIELD LIGHTING - WINTERS PARK</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 8		
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 18361	<b>ACCOUNT NO(S).</b> 650-2499-1836119 654-1429-1836119		
<b>PROJECT DESCRIPTION</b> Improvements include replacement of sports field and security lighting.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$		
Design	8	182						190	2019 Bond Fund                      865,000		
Land/Right-of-Way									GP&L Transfer                      1,500,000		
Construction	1,479	606						2,085			
Equip. & Furnish.											
Other		90						90			
<b>TOTAL COSTS</b>	1,487	878						2,365			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 2,365,000</b>		
Current Funds	1,500							1,500	<b>UNFUNDED      \$ _____</b>		
GO's/Com. Paper Issued	865							865	<b>PROJECT TOTAL      \$ 2,365,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	2,365							2,365	<b>PROJECT SCHEDULE      START      FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE      05/2019      02/2020</b>		

<b>PROJECT TITLE</b> <b>HOLLABAUGH RECREATION CENTER</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 6					
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 18363		<b>ACCOUNT NO(S).</b> 654-1429-1836319					
<b>PROJECT DESCRIPTION</b> Hollabaugh Recreation Center improvements may include a gymnasium, an additional multipurpose room, and kitchen renovations.								<b>PROJECT MAP</b> 							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 7,940,000					
Design			542	118	64	78			802						
Land/Right-of-Way															
Construction					3,102	3,129			6,231						
Equip. & Furnish.						540			540						
Other			134	133	72	28			367						
<b>TOTAL COSTS</b>			676	251	3,238	3,775			7,940						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>7,940,000</u>					
Current Funds										UNFUNDED      \$ _____					
GO's/Com. Paper Issued										PROJECT TOTAL      \$ <u>7,940,000</u>					
GO's Unissued			676	251	3,238	3,775			7,940						
RB's/Com. Paper															
Certificates of Obligation															
Other															
<b>Unfunded</b>															
<b>TOTAL SOURCES</b>			676	251	3,238	3,775			7,940	<b>PROJECT SCHEDULE</b>					
										<b>START</b>					
										<b>FINISH</b>					
										Design      11/2019      12/2023					
										Land/Right-of-Way					
										Construction      04/2022      12/2023					
										<b>TOTAL SCHEDULE</b> 11/2019      12/2023					

<b>PROJECT TITLE</b> <b>GARLAND SENIOR ACTIVITY CENTER</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 18364	<b>ACCOUNT NO(S).</b> 654-1429-1836419	
<b>PROJECT DESCRIPTION</b> Garland Senior Activity Center improvements may include renovations to the facility and new fitness area.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 4,010,000	
Design		298	94	19				411		
Land/Right-of-Way										
Construction			2,932	209				3,141		
Equip. & Furnish.			205	68				273		
Other		118	60	7				185		
<b>TOTAL COSTS</b>		416	3,291	303				4,010		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 4,010,000</b>	
Current Funds									<b>UNFUNDED      \$ _____</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 4,010,000</b>	
GO's Unissued		416	3,291	303				4,010		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		416	3,291	303				4,010		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	11/2019	06/2022
								Land/Right-of-Way		
								Construction	05/2021	06/2022
<b>TOTAL SCHEDULE</b>								<b>11/2019</b>	<b>06/2022</b>	

<b>PROJECT TITLE</b> <b>HOLFORD RECREATION CENTER</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 7	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 18365		<b>ACCOUNT NO(S).</b> 654-1429-1836519	
<b>PROJECT DESCRIPTION</b> Construction of a new recreation center and parking expansion that may include a gymnasium, fitness room, multipurpose rooms, and kitchen.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 24,000,000	
Design			476	920	557	257	56		2,266		
Land/Right-of-Way											
Construction					5,271	13,592	129		18,992		
Equip. & Furnish.						1,647			1,647		
Other			159	456	342	118	20		1,095		
<b>TOTAL COSTS</b>			635	1,376	6,170	15,614	205		24,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>24,000,000</u>	
Current Funds										UNFUNDED      \$ _____	
GO's/Com. Paper Issued										PROJECT TOTAL      \$ <u>24,000,000</u>	
GO's Unissued			635	1,376	6,170	15,614	205		24,000		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			635	1,376	6,170	15,614	205		24,000	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	
										<b>FINISH</b>	
										Design      07/2020      05/2024	
										Land/Right-of-Way	
										Construction      07/2022      05/2024	
										<b>TOTAL SCHEDULE</b> 07/2020      05/2024	



<b>PROJECT TITLE</b> <b>PLAYGROUND REPLACEMENT PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18385	<b>ACCOUNT NO(S).</b> 614-2499-1833804 654-1429-1838519	
<b>PROJECT DESCRIPTION</b> Improvements may include replacement of existing playgrounds and installation of new playgrounds at various park sites throughout the city.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 15,000 Capital Total \$ 15,000				The impact to the FY 2020-21 Operating Budget for Central Park, One Eleven Ranch, and Eastern Hills playgrounds is related to the maintenance of a larger playground area, including replacement of the resilient surfacing as well as additional equipment needing inspections and related maintenance of shade canopies and site furnishings.		
<b>FUNDING SOURCE(S)</b>								Interest \$ 29,433 Cert. of Oblig. Issued 1,198,397 2019 Bond Fund Uniss. 7,000,000 2004 Bond Fund 641,604		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	80	607	156	104	77	76	13	1,113		
Land/Right-of-Way										
Construction		1,789	1,638	1,499	1,000	873	603	7,402		
Equip. & Furnish.										
Other		21	126	121	56	22	8	354		
<b>TOTAL COSTS</b>	80	2,417	1,920	1,724	1,133	971	624	8,869		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	29							29		
GO's/Com. Paper Issued	642							642		
GO's Unissued		628	1,920	1,724	1,133	971	624	7,000		
RB's/Com. Paper										
Certificates of Obligation	1,198							1,198		
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	1,869	628	1,920	1,724	1,133	971	624	8,869		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

<b>PROJECT TITLE</b> <b>SPORTS FIELD/PARK RENOVATION PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18430	<b>ACCOUNT NO(S).</b> 654-1429-1843019 654-2499-1836219	
<b>PROJECT DESCRIPTION</b> Improvements may include new and expanded park restroom and concession area, shade structures, sports field and security lighting.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.     \$ 7,722,000 2019 Bond Fund                     323,000	
Design		421	243	121	33			818		
Land/Right-of-Way										
Construction	167	1,102	1,635	2,989	948			6,841		
Equip. & Furnish.										
Other		7	138	181	60			386		
<b>TOTAL COSTS</b>	167	1,530	2,016	3,291	1,041			8,045		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED     \$ <u>8,045,000</u> UNFUNDED             \$ _____ PROJECT TOTAL       \$ <u>8,045,000</u>	
Current Funds										
GO's/Com. Paper Issued	323							323		
GO's Unissued		1,374	2,016	3,291	1,041			7,722		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	323	1,374	2,016	3,291	1,041			8,045	<b>PROJECT SCHEDULE</b> Design Land/Right-of-Way Construction <b>TOTAL SCHEDULE</b> (Ongoing     Project)	

<b>PROJECT TITLE</b> <b>PARK SYSTEM PARKING AND PARK ROADS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18475	<b>ACCOUNT NO(S).</b> 654-1429-1847519 692-2499-1834512	
<b>PROJECT DESCRIPTION</b> Funding provides for ongoing replacement of park roads and parking lot paving for the Parks, Recreation and Cultural Arts Department, including replacement of existing deteriorating asphalt pavement with concrete pavement, positive drainage corrections where needed, accessible parking improvements, and security lighting.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 1,000 Capital Total \$ 1,000				An estimated cost of \$1,000 to maintain parking lot markings and wheel stop replacement on additional parking spaces.		
<b>FUNDING SOURCE(S)</b>								Interest \$ 40,000 Cert. of Oblig. Issued 5,302,000 2019 Bond Fund Uniss. 10,500,000 Current Funds 36,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	300	341	428	253	104	27	6	1,459		
Land/Right-of-Way										
Construction	1,688	3,470	1,424	4,703	1,114	1,373	73	13,845		
Equip. & Furnish.										
Other		6	152	244	126	43	3	574		
<b>TOTAL COSTS</b>	1,988	3,817	2,004	5,200	1,344	1,443	82	15,878		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	76							76		
GO's/Com. Paper Issued										
GO's Unissued		427	2,004	5,200	1,344	1,443	82	10,500		
RB's/Com. Paper										
Certificates of Obligation	5,302							5,302		
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	5,378	427	2,004	5,200	1,344	1,443	82	15,878		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

<b>PROJECT TITLE</b> <b>PARKS CATALYST AREA IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18515	<b>ACCOUNT NO(S).</b> 654-1429-1851519	
<b>PROJECT DESCRIPTION</b> Program allowance for constructing and improving park system parking lots, trails, roads, sports fields and facilities, public squares, water features, playgrounds, and other supportive infrastructure facilities at or integrated into parks, recreation, and community center facilities.  The program includes amenities for the I.H.-30 - Rosehill Catalyst Area.  Parks Catalyst Area Improvement funding approved in the 2019 Bond Program has been allocated to the Downtown Square Design & Construction project, which can be found in the Economic Development section.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 10,070,000	
Design										
Land/Right-of-Way										
Construction		416	655	1,151	1,896	1,919	3,575	9,612		
Equip. & Furnish.										
Other		94	178	132	47	7		458		
<b>TOTAL COSTS</b>		510	833	1,283	1,943	1,926	3,575	10,070		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>10,070,000</u>	
Current Funds									UNFUNDED      \$ _____	
GO's/Com. Paper Issued									PROJECT TOTAL      \$ <u>10,070,000</u>	
GO's Unissued		510	833	1,283	1,943	1,926	3,575	10,070		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		510	833	1,283	1,943	1,926	3,575	10,070	<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design	
									Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>TRAIL DEVELOPMENT PROGRAM</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b>	
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 18560		<b>ACCOUNT NO(S).</b> 612-2499-1820900 614-2499-1833304	
<b>PROJECT DESCRIPTION</b> Provide funding for new paved trails within parks and neighborhoods.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations           15,000 Capital Total                 \$ 15,000				<b>IMPACT EXPLANATION</b> Impacts to the Operating Budget begin in FY 2019-20 for park maintenance of approximately two miles of concrete trail which includes follow-up edging and mowing of a swath to each side of the trail, litter pickup, and facility repair to site furnishings and signage in currently undeveloped areas of Winters Park and the Spring Creek Greenbelt.			
<b>*PROJECT COSTS</b>								<b>FUNDING SOURCE(S)</b>			
	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TxDOT	\$ 1,044,806	
Design	257	233	74	78	81	85	134	942	2019 Bond Fund Uniss.	6,889,000	
Land/Right-of-Way									1997 Bond Fund	1,016,000	
Construction	1,430	1,896	821	856	895	935	1,995	8,828	2004 Bond Fund	700,000	
Equip. & Furnish.									2019 Bond Fund	111,000	
Other		67	119	92	39	14	24	355	Dallas County	364,321	
<b>TOTAL COSTS</b>	1,687	2,196	1,014	1,026	1,015	1,034	2,153	10,125			
<b>*SOURCE OF FUNDS</b>											
	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>10,125,127</u>		
Current Funds									<b>UNFUNDED</b> \$ _____		
GO's/Com. Paper Issued	1,827							1,827	<b>PROJECT TOTAL</b> \$ <u>10,125,127</u>		
GO's Unissued		647	1,014	1,026	1,015	1,034	2,153	6,889			
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>	<b>FINISH</b>	
Other	1,409							1,409	Design		
<b>Unfunded</b>									Land/Right-of-Way		
									Construction		
<b>TOTAL SOURCES</b>	3,236	647	1,014	1,026	1,015	1,034	2,153	10,125	<b>TOTAL SCHEDULE</b>	(Ongoing    Project)	



**GARLAND**

TEXAS MADE HERE

**Street / Transportation  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b>Engineering</b>											
14200	Street and Alley Petition	89	GOB04	\$ 13	\$ 325	\$ 325	\$ 325	\$ 325	\$ 350	\$ 137	\$ 1,800
14255	Fifth St. - Miller to Ave. D - Phase B - Drainage	90	GOB04	3,653	1,507	0	0	0	0	0	5,160
14261	Oates Road - Broadway to Rosehill	91	GOB04	2,453	2,571	0	0	0	0	0	5,024
14264	Callejo Road - Botello to Campbell	92	UF, GOB04	0	500	2,140	4,150	0	0	0	6,790
14265	Chaha Road - I.H. 30 to Zion	93	GOB04	0	0	0	0	0	200	800	1,000
14266	Chaha Rd. - I.H. 30 to Lake Ray Hubbard Pkwy.	94	UF, GOB04	778	600	3,550	0	0	0	0	4,928
14272	Bobtown Road - Rowlett to Waterhouse	95	UF, GOB04	570	2,720	2,750	0	0	0	0	6,040
14273	Brand Road - S.H. 190 to Muirfield	96	UF, GOB04	524	50	300	7,070	1,000	0	0	8,944
14288	Shiloh Road - I.H. 635 to Kingsley	97	CO, GOB04, OTHER	9,393	15,436	5,600	0	0	0	0	30,429
14292	Pleasant Valley Road - Richfield to Miles	98	RTR, CF, CO, UF, OTHER	25,693	2,747	0	0	0	0	0	28,440
14301	Screen Wall Reconstruction	99	CO, UF	9	100	100	100	41	0	0	350
14302	Naaman School Road - Brand to S.H. 78	100	CF, CO, GOB19	686	4,401	4,122	11,779	11,439	227	0	32,654
14303	Waterhouse - Bobtown to Hayman	101	CF, CO, UF	198	850	840	0	0	0	0	1,888
14309	Oates Rd. - Channel Isle to Heron's Bay #3	102	CO	0	370	0	0	0	0	0	370
14315	Holford Road Segment B - Naaman Forest Blvd. to PGBT	103	GOB19	0	311	0	648	2,516	0	0	3,475
14317	Shiloh Road - Kingsley Rd. to Miller Rd.	104	RTC, UF, GOB19, OTHER	0	595	1,105	1,347	10,099	9,922	119	23,187
14318	Leon Road - S. Garland Ave. to McCree Rd.	105	UF, GOB19	0	0	0	0	0	807	1,443	2,250
14319	Lyons Road - I.H. 30 to Guthrie Rd.	106	GOB19, OTHER	0	1,127	946	7,864	1,812	0	0	11,749
14314	Holford Road Segment A - PGBT to City Limits	107	CO, UF, GOB19, OTHER	304	1,191	7,136	1,643	0	0	0	10,274
14316	Holford Road Segment C - Arapaho Rd. to Naaman Forest Blvd.	108	CO, UF, GOB19	311	414	0	0	1,307	2,824	16,162	21,018
14320	New Sidewalk and/or ADA Route Program	109	CF, CO, UF, GOB04, GOB19	2,900	941	509	533	546	564	1,848	7,841
14390	Sidewalk Participation Program	110	GOB04, GOB19, OTHER	3,040	250	690	638	668	684	3,010	8,980
14425	Paving of Unimproved Alleys	111	GOB19	0	348	489	502	510	527	1,124	3,500
14460	Streets Catalyst Area Improvements	112	GOB19	0	278	500	500	500	500	1,069	3,347
<b>Transportation</b>											
15596	North-South Bikeway	113	RTR, GOB97, OTHER	350	3,359	0	0	0	0	0	3,709
15751	Train Quiet Zone	114	GOB04	363	500	0	0	0	0	1,237	2,100
14500	Bottleneck Improvements Program	115	DART, GOB19	171	3,321	1,039	3,249	2,423	413	6,587	17,203
14525	Operational and Safety Improvements	116	INT, GOB04, GOB19	1,219	426	400	550	550	550	1,790	5,485
14560	Traffic Signal Equipment Modernization	117	CF, CO, GOB04, GOB19, OTHER, TXDOT	2,786	2,467	700	700	700	700	2,200	10,253
14600	Traffic Control System	118	DART, GOB04, GOB19	1,774	1,895	550	550	550	550	731	6,600
14625	Emergency Services Signal Equipment	119	INT, GOB04, GOB19	100	80	1,000	1,000	175	175	525	3,055
14650	New Traffic Signal Installations	120	GOB04, GOB19, OTHER	830	381	250	250	295	277	1,091	3,374
14700	Railroad Crossing Improvements	121	GOB04, GOB19, GOB97	100	600	538	0	336	334	1,430	3,338

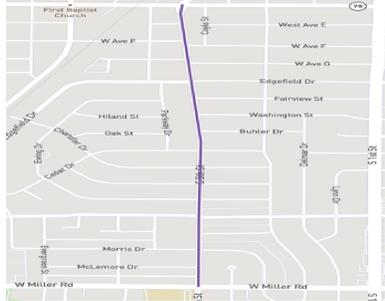
**Street / Transportation  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

				Thru	2020	2021	2022	2023	2024	2025 to	Project
				12/31/19						Completion	Total
39818	<b>Street</b>										
	Street Reconstruction and Improvements	122	CO, UF	22,186	3,102	0	0	0	0	0	25,288
	Undesignated - Street/Transportation		GOB04	0	0	0	0	0	0	3,323	3,323
Total				<u>\$ 80,404</u>	<u>\$ 53,763</u>	<u>\$ 35,579</u>	<u>\$ 43,398</u>	<u>\$ 35,792</u>	<u>\$ 19,604</u>	<u>\$ 44,626</u>	<u>\$ 313,166</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 54,147	\$ 24,893	\$ 7,667	\$ 1,540	\$ 9,375	\$ 9,375	\$ 0	\$ 106,997
Total Unfunded				0	0	347	100	41	149	10,654	11,291
Total 1997 Bond Program				350	598	0	0	0	0	0	948
Total 2004 Bond Program				25,907	21,178	16,244	11,795	1,620	693	5,497	82,934
Total 2019 Bond Program				0	7,094	11,321	29,963	24,756	9,387	28,475	110,996
Total				<u>\$ 80,404</u>	<u>\$ 53,763</u>	<u>\$ 35,579</u>	<u>\$ 43,398</u>	<u>\$ 35,792</u>	<u>\$ 19,604</u>	<u>\$ 44,626</u>	<u>\$ 313,166</u>

**Street / Transportation  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b>Engineering</b>										
14200	Street and Alley Petition	89	Appr.	\$ 0	\$ 320	\$ 325	\$ 325	\$ 350	\$ 137	\$ 1,457
14255	Fifth St. - Miller to Ave. D - Phase B - Drainage	90	Appr.	1,489	0	0	0	0	0	1,489
14264	Callejo Road - Botello to Campbell	92	Appr.	500	2,140	4,150	0	0	0	6,790
14265	Chaha Road - I.H. 30 to Zion	93	Appr.	0	0	0	0	200	800	1,000
14266	Chaha Rd. - I.H. 30 to Lake Ray Hubbard Pkwy.	94	Appr.	600	3,550	0	0	0	0	4,150
14272	Bobtown Road - Rowlett to Waterhouse	95	Appr.	0	2,647	0	0	0	0	2,647
14273	Brand Road - S.H. 190 to Muirfield	96	Appr.	0	254	7,070	1,000	0	0	8,324
14288	Shiloh Road - I.H. 635 to Kingsley	97	Appr.	6,075	4,600	0	0	0	0	10,675
14301	Screen Wall Reconstruction	99	Appr.	0	59	100	41	0	0	200
14302	Naaman School Road - Brand to S.H. 78	100	Appr.	4,287	4,122	11,779	11,439	227	0	31,854
14303	Waterhouse - Bobtown to Hayman	101	Appr.	0	288	0	0	0	0	288
14315	Holford Road Segment B - Naaman Forest Blvd. to PGBT	103	Appr.	311	0	648	2,516	0	0	3,475
14317	Shiloh Road - Kingsley Rd. to Miller Rd.	104	Appr.	83	745	1,050	724	547	119	3,268
14318	Leon Road - S. Garland Ave. to McCree Rd.	105	Appr.	0	0	0	0	807	1,443	2,250
14319	Lyons Road - I.H. 30 to Guthrie Rd.	106	Appr.	1,020	517	6,621	1,812	0	0	9,970
14314	Holford Road Segment A - PGBT to City Limits	107	Appr.	478	1,896	1,643	0	0	0	4,017
14316	Holford Road Segment C - Arapaho Rd. to Naaman Forest Blvd.	108	Appr.	0	0	0	1,307	2,824	16,162	20,293
14320	New Sidewalk and/or ADA Route Program	109	Appr.	0	509	533	546	564	1,848	4,000
14390	Sidewalk Participation Program	110	Appr.	0	609	638	668	684	3,010	5,609
14425	Paving of Unimproved Alleys	111	Appr.	348	489	502	510	527	1,124	3,500
14460	Streets Catalyst Area Improvements	112	Appr.	278	500	500	500	500	1,069	3,347
<b>Transportation</b>										
15596	North-South Bikeway	113	Appr.	200	0	0	0	0	0	200
15751	Train Quiet Zone	114	Appr.	438	0	0	0	0	1,237	1,675
14500	Bottleneck Improvements Program	115	Appr.	289	1,039	3,249	2,423	413	6,587	14,000
14525	Operational and Safety Improvements	116	Appr.	150	400	550	550	550	1,790	3,990
14560	Traffic Signal Equipment Modernization	117	Appr.	0	700	700	700	700	2,200	5,000
14600	Traffic Control System	118	Appr.	900	550	550	550	550	731	3,831
14625	Emergency Services Signal Equipment	119	Appr.	0	1,000	1,000	175	175	525	2,875
14650	New Traffic Signal Installations	120	Appr.	250	250	250	295	277	1,091	2,413
14700	Railroad Crossing Improvements	121	Appr.	296	538	0	336	334	1,430	2,934
	Undesignated - Street/Transportation		Appr.	0	0	0	0	0	3,323	3,323
Total				\$ 17,992	\$ 27,722	\$ 41,858	\$ 26,417	\$ 10,229	\$ 44,626	\$ 168,844
Total Approved				\$ 17,992	\$ 27,722	\$ 41,858	\$ 26,417	\$ 10,229	\$ 44,626	\$ 168,844
Total Unapproved				0	0	0	0	0	0	0
Total				\$ 17,992	\$ 27,722	\$ 41,858	\$ 26,417	\$ 10,229	\$ 44,626	\$ 168,844

<b>PROJECT TITLE</b> <b>STREET AND ALLEY PETITION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All					
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14200		<b>ACCOUNT NO(S).</b> 624-1409-1420004					
<b>PROJECT DESCRIPTION</b> This program reserves funds to participate with property owners in the Volunteer Street and Alley Petition Program within the city.								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact   Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$ 1,457,000					
Design		13	75	75	75	75	75		388	2004 Bond Fund                      343,000					
Land/Right-of-Way															
Construction			250	250	250	250	275	137	1,412						
Equip. & Furnish.															
Other															
<b>TOTAL COSTS</b>		13	325	325	325	325	350	137	1,800						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>1,800,000</u>					
Current Funds										UNFUNDED            \$ _____					
GO's/Com. Paper Issued		343							343	PROJECT TOTAL      \$ <u>1,800,000</u>					
GO's Unissued				320	325	325	350	137	1,457						
RB's/Com. Paper															
Certificates of Obligation															
Other															
<b>Unfunded</b>															
<b>TOTAL SOURCES</b>		343		320	325	325	350	137	1,800	<b>PROJECT SCHEDULE</b>					
										<b>START</b>					
										<b>FINISH</b>					
										Design					
										Land/Right-of-Way					
										Construction					
										<b>TOTAL SCHEDULE</b>					
										(Ongoing      Project)					

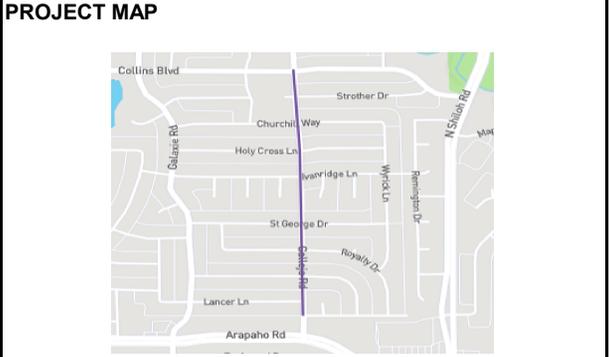
<b>PROJECT TITLE</b> <b>FIFTH ST. - MILLER TO AVE. D - PHASE B - DRAINAGE</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14255		<b>ACCOUNT NO(S).</b> 624-1409-1425504	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, offsite drainage system, and construction costs related to reconstruction of a type "E" thoroughfare. All work with the exception of an offsite drainage system has been completed.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		850	200						1,050	2004 Bond Fund Uniss. \$ 1,489,000	
Land/Right-of-Way		34							34	2004 Bond Fund 3,671,000	
Construction		2,769	1,307						4,076		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		3,653	1,507						5,160		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		3,671							3,671		
GO's Unissued			1,489						1,489		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		3,671	1,489						5,160		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		09/2007	12/2020
								Land/Right-of-Way		06/2007	01/2016
								Construction		01/2007	12/2020
								<b>TOTAL SCHEDULE</b>		01/2007	12/2020
								<b>TOTAL FUNDED</b>		\$ 5,160,000	
								<b>UNFUNDED</b>		\$ _____	
								<b>PROJECT TOTAL</b>		\$ 5,160,000	

<b>PROJECT TITLE</b> <b>OATES ROAD - BROADWAY TO ROSEHILL</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 4		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14261	<b>ACCOUNT NO(S).</b> 624-1409-1426104		
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, widening, and improvements based on the Thoroughfare Plan. Roadway classification is a type "D1."								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>					<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund	\$ 5,024,098	
Design	419	63						482			
Land/Right-of-Way											
Construction	2,034	2,508						4,542			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	<b>2,453</b>	<b>2,571</b>						<b>5,024</b>			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b>	<b>\$ 5,024,098</b>	
Current Funds									<b>UNFUNDED</b>	<b>\$ _____</b>	
GO's/Com. Paper Issued	5,024							5,024	<b>PROJECT TOTAL</b>	<b>\$ 5,024,098</b>	
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other									Design	11/2013	06/2020
<b>Unfunded</b>									Land/Right-of-Way	01/2016	12/2018
<b>TOTAL SOURCES</b>	<b>5,024</b>							<b>5,024</b>	Construction	08/2018	06/2020
									<b>TOTAL SCHEDULE</b>	<b>11/2013</b>	<b>06/2020</b>

<b>PROJECT TITLE</b> <b>CALLEJO ROAD - BOTELLO TO CAMPBELL</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 7
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 14264	<b>ACCOUNT NO(S).</b> 624-1409-1426404 691-1409-1426400
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**PROJECT DESCRIPTION**  
Funding is provided for the design, land acquisition, permitting, and construction costs related to the construction of a type "G" thoroughfare.



<b>IMPACT ON OPERATING BUDGET</b>	<b>IMPACT EXPLANATION</b>
<input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____	

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design		200	140					340
Land/Right-of-Way		300						300
Construction			2,000	4,150				6,150
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>		500	2,140	4,150				6,790
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued								
GO's Unissued		500	2,140	4,150				6,790
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>		500	2,140	4,150				6,790

2004 Bond Fund Uniss.	\$ 6,790,000
<b>TOTAL FUNDED</b>	<b>\$ 6,790,000</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 6,790,000</b>

	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Design		06/2020	12/2021
Land/Right-of-Way		03/2020	12/2020
Construction		05/2021	12/2022
<b>TOTAL SCHEDULE</b>		<b>03/2020</b>	<b>12/2022</b>

<b>PROJECT TITLE</b> <b>CHAHA ROAD - I.H. 30 TO ZION</b>							*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project			<b>PROJECT NO(S).</b> 14265		<b>ACCOUNT NO(S).</b> 624-1409-1426504		
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction costs related to the construction of a type "E" thoroughfare.							<b>PROJECT MAP</b>				
											
<b>IMPACT ON OPERATING BUDGET</b>				<b>IMPACT EXPLANATION</b>							
<input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____											
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>  2004 Bond Fund Uniss.      \$ 1,000,000          <b>TOTAL FUNDED</b> \$ <u>1,000,000</u> <b>UNFUNDED</b> \$ _____ <b>PROJECT TOTAL</b> \$ <u>1,000,000</u>	
Design							200		200		
Land/Right-of-Way								100	100		
Construction								700	700		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>							200	800	1,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued							200	800	1,000		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>							200	800	1,000		
							<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>	
							Design		01/2024	12/2024	
							Land/Right-of-Way		01/2025	12/2025	
							Construction		01/2025	12/2025	
							<b>TOTAL SCHEDULE</b>		01/2024	12/2025	

**PROJECT TITLE**  
**CHAHA RD. - I.H. 30 TO LAKE RAY HUBBARD PKWY.**

\*Amounts in 000's \$

**COUNCIL DISTRICT(S)**  
 3

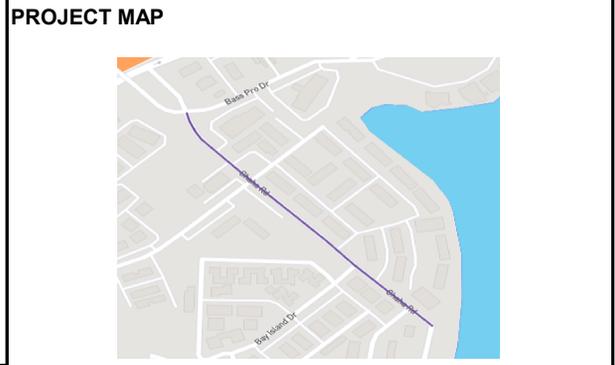
**DEPARTMENT**  
 Engineering

**PROJECT STATUS**  
 Continuing Project

**PROJECT NO(S).**  
 14266

**ACCOUNT NO(S).**  
 624-1409-1426604

**PROJECT DESCRIPTION**  
 Funding is provided for the design, land acquisition, permitting, and construction costs related to the reconstruction of a type "F" thoroughfare. A portion of the funding was used for construction related to the Harbor Point project in 2005-2006.



**IMPACT ON OPERATING BUDGET**  
 Will Impact  
 Will Not Impact  
 # of Positions 0  
 Annual Cost/(Savings):  
 Personnel \_\_\_\_\_  
 Operations \_\_\_\_\_  
 Capital \_\_\_\_\_  
 Total \$ \_\_\_\_\_

**IMPACT EXPLANATION**

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design	75	600	100					775
Land/Right-of-Way	703							703
Construction			3,450					3,450
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>	778	600	3,550					4,928
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued	778							778
GO's Unissued		600	3,550					4,150
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>	778	600	3,550					4,928

2004 Bond Fund Uniss.	\$ 4,150,000
2004 Bond Fund	778,000
<b>TOTAL FUNDED</b>	<b>\$ 4,928,000</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 4,928,000</b>

	PROJECT SCHEDULE	START	FINISH
Design		03/2005	12/2021
Land/Right-of-Way			
Construction		04/2021	12/2021
<b>TOTAL SCHEDULE</b>		03/2005	12/2021

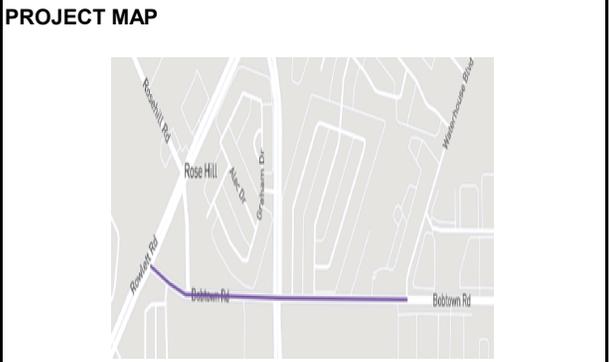
<b>PROJECT TITLE</b> <b>BOBTOWN ROAD - ROWLETT TO WATERHOUSE</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3 and 4
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 14272	<b>ACCOUNT NO(S).</b> 624-1409-1427204 691-1409-1427200
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**PROJECT DESCRIPTION**

Funding is provided for the design, land acquisition, permitting, and construction costs related to the reconstruction of a type "E" thoroughfare.

Construction is planned to take place in conjunction with Waterhouse Project (#14303).



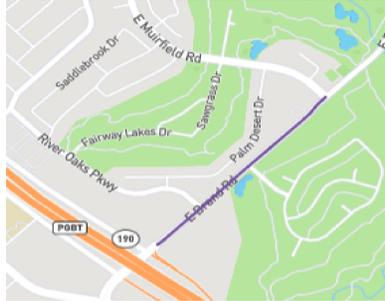
<b>IMPACT ON OPERATING BUDGET</b>	<b>IMPACT EXPLANATION</b>
<input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____	

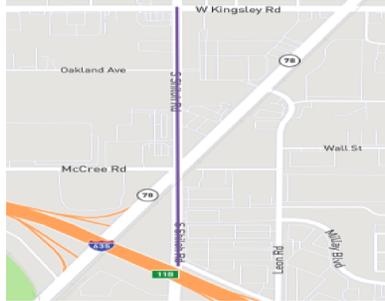
**FUNDING SOURCE(S)**

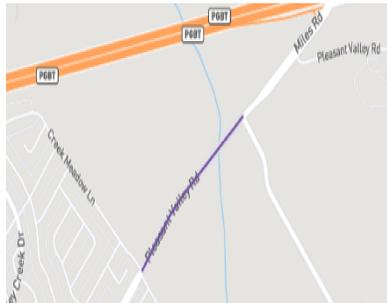
*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design	535	220	250					1,005
Land/Right-of-Way	35							35
Construction		2,500	2,500					5,000
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>	570	2,720	2,750					6,040
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued	3,393							3,393
GO's Unissued			2,647					2,647
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>	3,393		2,647					6,040

2004 Bond Fund Uniss.	\$ 2,647,000
2004 Bond Fund	3,393,000
<b>TOTAL FUNDED</b>	<b>\$ 6,040,000</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 6,040,000</b>

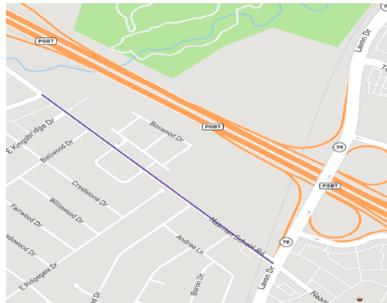
	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Design		09/2014	12/2021
Land/Right-of-Way		01/2018	06/2018
Construction		06/2020	12/2021
<b>TOTAL SCHEDULE</b>		09/2014	12/2021

<b>PROJECT TITLE</b> <b>BRAND ROAD - S.H. 190 TO MUIRFIELD</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 1		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14273	<b>ACCOUNT NO(S).</b> 624-1409-1427304 691-1409-1427300		
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction costs related to the reconstruction of a four-lane divided type "C" thoroughfare.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$ 8,324,000		
Design	524	50	200	170				944	2004 Bond Fund                      620,000		
Land/Right-of-Way			100					100			
Construction				6,900	1,000			7,900			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	524	50	300	7,070	1,000			8,944			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 8,944,000</b>		
Current Funds									<b>UNFUNDED      \$ _____</b>		
GO's/Com. Paper Issued	620							620	<b>PROJECT TOTAL      \$ 8,944,000</b>		
GO's Unissued			254	7,070	1,000			8,324			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	620		254	7,070	1,000			8,944			
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design	01/2016	01/2022	
								Land/Right-of-Way	01/2021	06/2021	
								Construction	03/2022	12/2023	
<b>TOTAL SCHEDULE</b>								<b>01/2016</b>	<b>12/2023</b>		

<b>PROJECT TITLE</b> <b>SHILOH ROAD - I.H. 635 TO KINGSLEY</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14288		<b>ACCOUNT NO(S).</b> 624-1409-1428804 692-1409-1428800	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction costs related to the expansion of the current facility from four to six lanes. This project is being accomplished in partnership with Dallas County. Roadway classification is a type "B."								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		2,090	500	307					2,897	2004 Bond Fund Uniss. \$ 10,675,000	
Land/Right-of-Way										Cert. of Oblig. Issued 2,354,000	
Construction		7,303	14,936	5,293					27,532	2004 Bond Fund 7,300,000	
Equip. & Furnish.										Dallas County 10,100,000	
Other											
<b>TOTAL COSTS</b>		9,393	15,436	5,600					30,429		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		7,300							7,300	TOTAL FUNDED \$ 30,429,000	
GO's Unissued			6,075	4,600					10,675	UNFUNDED \$ _____	
RB's/Com. Paper										PROJECT TOTAL \$ 30,429,000	
Certificates of Obligation		2,354							2,354		
Other		4,675	4,425	1,000					10,100		
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		14,329	10,500	5,600					30,429		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		06/2007	12/2021
								Land/Right-of-Way		01/2016	12/2019
								Construction		01/2019	12/2021
<b>TOTAL SCHEDULE</b>										06/2007	12/2021

<b>PROJECT TITLE</b> <b>PLEASANT VALLEY ROAD - RICHFIELD TO MILES</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14292		<b>ACCOUNT NO(S).</b> 693-1409-1429200		
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction related to the bridge and roadway improvements on Pleasant Valley Road over Rowlett Creek. Roadway classification is a type "C".								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>								
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design		3,288	500						3,788	RTR	\$ 21,476,000	
Land/Right-of-Way		472							472	Cert. of Oblig. Issued	3,834,000	
Construction		21,912	2,247						24,159	Current Funds	429,654	
Equip. & Furnish.		21							21	Dallas County	2,700,000	
Other												
<b>TOTAL COSTS</b>		<b>25,693</b>	<b>2,747</b>						<b>28,440</b>			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds		430							430	TOTAL FUNDED \$ <u>28,439,654</u>		
GO's/Com. Paper Issued										UNFUNDED \$ _____		
GO's Unissued										PROJECT TOTAL \$ <u>28,439,654</u>		
RB's/Com. Paper												
Certificates of Obligation		3,834							3,834	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other		24,176							24,176	Design	01/2010	12/2020
<b>Unfunded</b>										Land/Right-of-Way	10/2012	06/2016
<b>TOTAL SOURCES</b>		<b>28,440</b>							<b>28,440</b>	Construction	06/2016	12/2020
										<b>TOTAL SCHEDULE</b>	<b>01/2010</b>	<b>12/2020</b>

<b>PROJECT TITLE</b> <b>SCREEN WALL RECONSTRUCTION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14301	<b>ACCOUNT NO(S).</b> 692-1409-1430114		
<b>PROJECT DESCRIPTION</b> This program provides funding for the repair and reconstruction of City-owned screening walls.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$    150,000		
Design											
Land/Right-of-Way											
Construction	9	100	100	100	41			350			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	9	100	100	100	41			350			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    150,000</b>		
Current Funds									<b>UNFUNDED      \$    200,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$    350,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	150							150	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>			59	100	41			200	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	150		59	100	41			350	<b>TOTAL SCHEDULE</b>		
									(Ongoing    Project)		

<b>PROJECT TITLE</b> <b>NAAMAN SCHOOL ROAD - BRAND TO S.H. 78</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1 and 8	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14302		<b>ACCOUNT NO(S).</b> 651-1429-1430219 692-1409-1430214	
<b>PROJECT DESCRIPTION</b> Alignment study and expansion of Naaman School Road from Brand Road to S.H. 78 (Lavon Drive) from a two-lane asphalt street to a four-lane divided concrete street with curbs. Roadway classification is a type "D1."								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b>							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			1,432	1,068	241	241	64		3,046	Cert. of Oblig. Issued \$ 250,000	
Land/Right-of-Way			2,625	2,625					5,250	2019 Bond Fund Uniss. 31,854,000	
Construction		686			11,266	11,094	151		23,197	Current Funds 550,000	
Equip. & Furnish.											
Other			344	429	272	104	12		1,161		
<b>TOTAL COSTS</b>		686	4,401	4,122	11,779	11,439	227		32,654	<b>TOTAL FUNDED \$ 32,654,000</b>	
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>UNFUNDED \$ _____</b>	
Current Funds		550							550	<b>PROJECT TOTAL \$ 32,654,000</b>	
GO's/Com. Paper Issued											
GO's Unissued			4,287	4,122	11,779	11,439	227		31,854		
RB's/Com. Paper											
Certificates of Obligation		250							250	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>		800	4,287	4,122	11,779	11,439	227		32,654	Design 04/2014 05/2024	
										Land/Right-of-Way 01/2020 12/2021	
										Construction 01/2022 05/2024	
										<b>TOTAL SCHEDULE</b> 04/2014 05/2024	

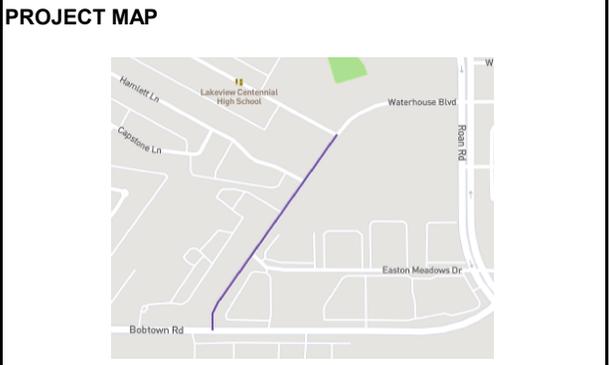
<b>PROJECT TITLE</b> <b>WATERHOUSE - BOBTOWN TO HAYMAN</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3 and 4
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 14303	<b>ACCOUNT NO(S).</b> 692-1409-1430315
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**PROJECT DESCRIPTION**

Construction of Waterhouse Boulevard into a three-lane, 37-foot B-B section with six-foot sidewalks, utilities, and drainage improvements from Bobtown to Hayman.

This is in conjunction with the Bobtown Road project (#14272). Roadway classification is a type "F."



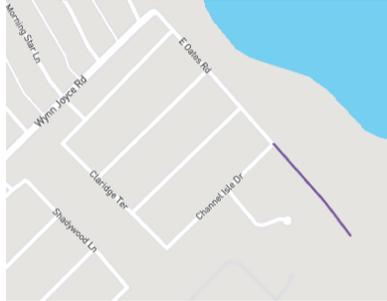
<b>IMPACT ON OPERATING BUDGET</b>	<b>IMPACT EXPLANATION</b>
<input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____	

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design	198	50	40					288
Land/Right-of-Way								
Construction		800	800					1,600
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>	198	850	840					1,888
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds	916	32	552					1,500
GO's/Com. Paper Issued								
GO's Unissued								
RB's/Com. Paper								
Certificates of Obligation	100							100
Other								
<b>Unfunded</b>			288					288
<b>TOTAL SOURCES</b>	1,016	32	840					1,888

Cert. of Oblig. Issued	\$ 100,000
Current Funds	1,500,000
<b>TOTAL FUNDED</b>	<b>\$ 1,600,000</b>
<b>UNFUNDED</b>	<b>\$ 288,000</b>
<b>PROJECT TOTAL</b>	<b>\$ 1,888,000</b>

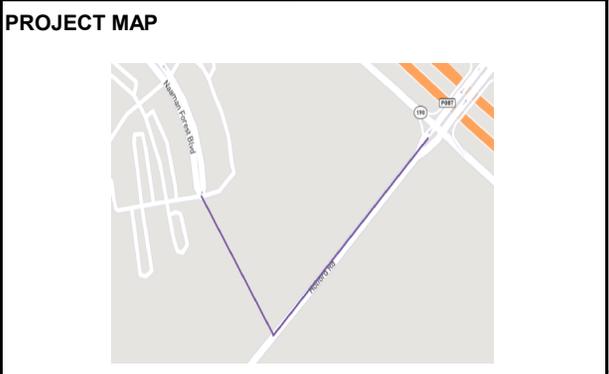
PROJECT SCHEDULE	START	FINISH
Design	01/2016	03/2021
Land/Right-of-Way		
Construction	06/2020	12/2021
<b>TOTAL SCHEDULE</b>	<b>01/2016</b>	<b>12/2021</b>

<b>PROJECT TITLE</b> <b>OATES RD. - CHANNEL ISLE TO HERON'S BAY #3</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14309	<b>ACCOUNT NO(S).</b> 692-1409-1430900 692-1409-1430917	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design and construction costs related to the completion of Oates Road from Channel Isle to the proposed Heron's Bay No. 3 Subdivision. As part of a Development Agreement with Emerald Lakes in 2004, the City agreed to complete the last 900 linear feet of paving on Oates Road when the third phase of the subdivision is developed. Cost was revised from \$812,000 to \$370,000 based on private developer's opinion of probable cost. Roadway classification is a type "F."								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$    370,000           <b>TOTAL FUNDED</b> \$ <u>370,000</u> <b>UNFUNDED</b> \$    _____ <b>PROJECT TOTAL</b> \$ <u>370,000</u>	
Design		50						50		
Land/Right-of-Way										
Construction		320						320		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>		370						370		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	370							370		
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	370							370		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	01/2019	06/2020
								Land/Right-of-Way		
								Construction	07/2019	12/2020
								<b>TOTAL SCHEDULE</b>	01/2019	12/2020

<b>PROJECT TITLE</b> <b>HOLFORD ROAD SEGMENT B - NAAMAN FOREST BLVD. TO PGBT</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 7
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 14315	<b>ACCOUNT NO(S).</b> 651-1429-1431519
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**PROJECT DESCRIPTION**  
Expand Holford Road from Naaman Forest Boulevard to PGBT from a two-lane asphalt street to a divided concrete street with curbs and dedicated bike lanes and trails. Roadway classification is a type "C."



**IMPACT ON OPERATING BUDGET**

Will Impact      Annual Cost/(Savings):  
 Will Not Impact    Personnel  
# of Positions   0      Operations  
                                  Capital  
                                  Total            \$ \_\_\_\_\_

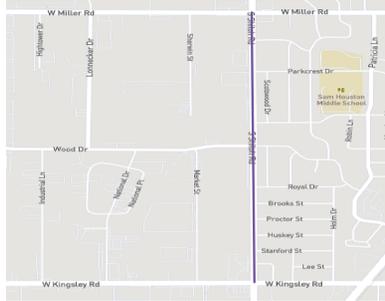
**IMPACT EXPLANATION**

**FUNDING SOURCE(S)**

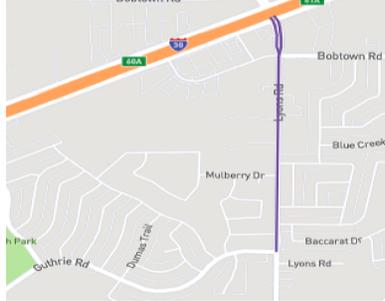
*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design		274		58	55			387
Land/Right-of-Way								
Construction				564	2,402			2,966
Equip. & Furnish.								
Other		37		26	59			122
<b>TOTAL COSTS</b>		311		648	2,516			3,475
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued								
GO's Unissued		311		648	2,516			3,475
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>		311		648	2,516			3,475

2019 Bond Fund Uniss.	\$ 3,475,000
<b>TOTAL FUNDED</b>	<b>\$ 3,475,000</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 3,475,000</b>

PROJECT SCHEDULE	START	FINISH
Design	01/2017	12/2023
Land/Right-of-Way		
Construction	10/2022	12/2023
<b>TOTAL SCHEDULE</b>	<b>01/2017</b>	<b>12/2023</b>

<b>PROJECT TITLE</b> <b>SHILOH ROAD - KINGSLEY RD. TO MILLER RD.</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14317		<b>ACCOUNT NO(S).</b> 650-1429-1431719 651-1429-1431719	
<b>PROJECT DESCRIPTION</b> Engineering and right-of-way acquisition for the expansion of Shiloh Road from Kingsley Road to Miller Road from a four-lane divided concrete street to a six-lane divided concrete street. Roadway classification is a type "B."								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			341	408	836	160	149	27	1,921	Impact Fees	\$ 1,169,481
Land/Right-of-Way			18	211	139				368	RTC	18,750,000
Construction			215	431	323	9,909	9,752	81	20,711	2019 Bond Fund Uniss.	3,000,000
Equip. & Furnish.											
Other			21	55	49	30	21	11	187		
<b>TOTAL COSTS</b>			595	1,105	1,347	10,099	9,922	119	23,187		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>22,919,481</u>	
Current Funds										<b>UNFUNDED</b> \$ <u>268,000</u>	
GO's/Com. Paper Issued										<b>PROJECT TOTAL</b> \$ <u>23,187,481</u>	
GO's Unissued			83	745	1,050	724	398		3,000		
RB's/Com. Paper										<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>Design</b>	<b>START</b> 07/2020
Other			512	360	297	9,375	9,375		19,919	<b>Land/Right-of-Way</b>	<b>FINISH</b> 05/2025
<b>Unfunded</b>							149	119	268	<b>Construction</b>	
<b>TOTAL SOURCES</b>			595	1,105	1,347	10,099	9,922	119	23,187	<b>TOTAL SCHEDULE</b>	

<b>PROJECT TITLE</b> <b>LEON ROAD - S. GARLAND AVE. TO MCCREE RD.</b>							*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 5						
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project			<b>PROJECT NO(S).</b> 14318		<b>ACCOUNT NO(S).</b> 651-1429-1431819 691-1429-1431819					
<b>PROJECT DESCRIPTION</b> Reconstruct Leon Road from South Garland Avenue to McCree Road to a three-lane concrete street with curbs. Roadway classification is a type "D2."							<b>PROJECT MAP</b> 							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>							<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 2,250,000				
Design							64	350	414					
Land/Right-of-Way							672		672					
Construction								1,073	1,073					
Equip. & Furnish.														
Other							71	20	91					
<b>TOTAL COSTS</b>							807	1,443	2,250					
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>2,250,000</u>				
Current Funds										UNFUNDED      \$ _____				
GO's/Com. Paper Issued										PROJECT TOTAL      \$ <u>2,250,000</u>				
GO's Unissued							807	1,443	2,250					
RB's/Com. Paper														
Certificates of Obligation														
Other														
<b>Unfunded</b>														
<b>TOTAL SOURCES</b>							807	1,443	2,250					
							<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>				
							Design		09/2024	11/2027				
							Land/Right-of-Way							
							Construction		07/2026	11/2027				
							<b>TOTAL SCHEDULE</b>		09/2024	11/2027				

<b>PROJECT TITLE</b> <b>LYONS ROAD - I.H. 30 TO GUTHRIE RD.</b>							*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3			
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project			<b>PROJECT NO(S).</b> 14319		<b>ACCOUNT NO(S).</b> 650-1429-1431919 651-1429-1431919			
<b>PROJECT DESCRIPTION</b> Expand Lyons Road from I.H. 30 to Guthrie Road from a two-lane asphalt street to a four-lane divided concrete street with curbs. Roadway classification is a type "B."							<b>PROJECT MAP</b> 					
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____							<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Impact Fees	\$ 1,778,913	
Design			134	737	245	77			1,193	2019 Bond Fund Uniss.	9,970,000	
Land/Right-of-Way			958						958			
Construction					7,496	1,712			9,208			
Equip. & Furnish.												
Other			35	209	123	23			390			
<b>TOTAL COSTS</b>			1,127	946	7,864	1,812			11,749			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b>	<b>\$ 11,748,913</b>	
Current Funds										<b>UNFUNDED</b>	<b>\$ _____</b>	
GO's/Com. Paper Issued										<b>PROJECT TOTAL</b>	<b>\$ 11,748,913</b>	
GO's Unissued			1,020	517	6,621	1,812			9,970			
RB's/Com. Paper												
Certificates of Obligation										<b>PROJECT SCHEDULE</b>	<b>START FINISH</b>	
Other			107	429	1,243				1,779	Design	10/2020 08/2023	
<b>Unfunded</b>										Land/Right-of-Way		
<b>TOTAL SOURCES</b>			1,127	946	7,864	1,812			11,749	Construction	04/2022 08/2023	
										<b>TOTAL SCHEDULE</b>	<b>10/2020 08/2023</b>	

<b>PROJECT TITLE</b> <b>HOLFORD ROAD SEGMENT A - PGBT TO CITY LIMITS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14314		<b>ACCOUNT NO(S).</b> 650-1429-1431419 651-1429-1431419	
<b>PROJECT DESCRIPTION</b> This project includes a schematic roadway alignment study and expansion of Holford Road from PGBT to City Limits from a two-lane asphalt street to a divided concrete street with curbs and dedicated bike lanes and trails. Roadway classification is a type "C."								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Impact Fees \$ 4,758,761	
Design		304	1,011	241	69				1,625	Cert. of Oblig. Issued 550,000	
Land/Right-of-Way										2019 Bond Fund Uniss. 4,017,000	
Construction				6,765	1,551				8,316	Developer Part. 947,595	
Equip. & Furnish.											
Other			180	130	23				333		
<b>TOTAL COSTS</b>		304	1,191	7,136	1,643				10,274		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>10,273,356</u>	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued										PROJECT TOTAL \$ <u>10,273,356</u>	
GO's Unissued			478	1,896	1,643				4,017		
RB's/Com. Paper											
Certificates of Obligation		550							550	<b>PROJECT SCHEDULE</b>	
Other			467	5,240					5,707	<b>START</b>	<b>FINISH</b>
<b>Unfunded</b>										Design	01/2017 08/2022
<b>TOTAL SOURCES</b>		550	945	7,136	1,643				10,274	Land/Right-of-Way	
										Construction	04/2021 08/2022
										<b>TOTAL SCHEDULE</b>	01/2017 08/2022

<b>PROJECT TITLE</b> <b>HOLFORD ROAD SEGMENT C - ARAPAHO RD. TO NAAMAN FOREST BLVD.</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 7					
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14316		<b>ACCOUNT NO(S).</b> 651-1429-1431619 691-1429-1431619					
<b>PROJECT DESCRIPTION</b> This project includes a schematic roadway alignment study and expansion of Holford Road from Arapaho Road to Naaman Forest Boulevard from a two-lane asphalt street to a divided concrete street with curbs and dedicated bike lanes and trails. The City of Garland is pursuing intergovernmental funding for this project. Roadway classification is a type "C."								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued                    \$    725,000					
Design		311	414			1,055	854	351	2,985	2019 Bond Fund Uniss.                9,758,000					
Land/Right-of-Way															
Construction							1,868	15,761	17,629						
Equip. & Furnish.															
Other						252	102	50	404						
<b>TOTAL COSTS</b>		311	414			1,307	2,824	16,162	21,018						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED                    \$ 10,483,000					
Current Funds										UNFUNDED                        \$ 10,535,000					
GO's/Com. Paper Issued										PROJECT TOTAL                    \$ 21,018,000					
GO's Unissued						1,307	2,824	5,627	9,758						
RB's/Com. Paper															
Certificates of Obligation		725							725	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>			
Other										Design	01/2017	08/2026			
<b>Unfunded</b>								10,535	10,535	Land/Right-of-Way					
<b>TOTAL SOURCES</b>		725				1,307	2,824	16,162	21,018	Construction	10/2024	08/2026			
										<b>TOTAL SCHEDULE</b>	01/2017	08/2026			

<b>PROJECT TITLE</b> <b>NEW SIDEWALK AND/OR ADA ROUTE PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14320	<b>ACCOUNT NO(S).</b> 624-1409-1417604 651-1429-1432019	
<b>PROJECT DESCRIPTION</b> Funding to construct sidewalks where no sidewalks exist and/or construct ADA-compliant sidewalks/ramps in public rights-of-way and/or funding to continue support for the City's sidewalk cost-share program.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued	\$ 266,000
Design	315	60	41	43	44	46	152	701	2019 Bond Fund Uniss.	4,000,000
Land/Right-of-Way		20						20	2004 Bond Fund	3,450,000
Construction	2,585	861	452	472	494	515	1,677	7,056	Current Funds	125,035
Equip. & Furnish.										
Other			16	18	8	3	19	64		
<b>TOTAL COSTS</b>	2,900	941	509	533	546	564	1,848	7,841	<b>TOTAL FUNDED</b>	<b>\$ 7,841,035</b>
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>UNFUNDED</b>	<b>\$ _____</b>
Current Funds	125							125	<b>PROJECT TOTAL</b>	<b>\$ 7,841,035</b>
GO's/Com. Paper Issued	3,450							3,450		
GO's Unissued			509	533	546	564	1,848	4,000		
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	<b>START</b>
Certificates of Obligation	266							266	Design	
Other									Land/Right-of-Way	
<b>Unfunded</b>									Construction	
<b>TOTAL SOURCES</b>	3,841		509	533	546	564	1,848	7,841	<b>TOTAL SCHEDULE</b>	(Ongoing
										Project)

<b>PROJECT TITLE</b> <b>SIDEWALK PARTICIPATION PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14390	<b>ACCOUNT NO(S).</b> 624-1409-1420204 651-1429-1439019	
<b>PROJECT DESCRIPTION</b> This program reserves funds to participate with property owners in the reconstruction of concrete sidewalk and curb & gutter sections throughout the city.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Sidewalk Part. \$ 808,000	
Design	569	30	30	56	58	61	252	1,056	2004 Bond Fund Uniss. 609,000	
Land/Right-of-Way									2019 Bond Fund Uniss. 5,000,000	
Construction	2,471	220	660	561	586	612	2,731	7,841	2004 Bond Fund 2,562,531	
Equip. & Furnish.										
Other				21	24	11	27	83		
<b>TOTAL COSTS</b>	<b>3,040</b>	<b>250</b>	<b>690</b>	<b>638</b>	<b>668</b>	<b>684</b>	<b>3,010</b>	<b>8,980</b>		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 8,979,531</b>	
Current Funds									<b>UNFUNDED \$ _____</b>	
GO's/Com. Paper Issued	2,563							2,563	<b>PROJECT TOTAL \$ 8,979,531</b>	
GO's Unissued			609	638	668	684	3,010	5,609		
RB's/Com. Paper										
Certificates of Obligation										
Other	718	45	45					808		
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	<b>3,281</b>	<b>45</b>	<b>654</b>	<b>638</b>	<b>668</b>	<b>684</b>	<b>3,010</b>	<b>8,980</b>	<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design	
									Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>PAVING OF UNIMPROVED ALLEYS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14425	<b>ACCOUNT NO(S).</b> 651-1429-1442519	
<b>PROJECT DESCRIPTION</b> Funding to improve unpaved/unimproved alleys within the city.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 3,500,000	
Design		27	38	40	41	43	92	281		
Land/Right-of-Way										
Construction		306	422	441	461	481	1,020	3,131		
Equip. & Furnish.										
Other		15	29	21	8	3	12	88		
<b>TOTAL COSTS</b>		348	489	502	510	527	1,124	3,500		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>3,500,000</u>	
Current Funds									<b>UNFUNDED</b> \$ _____	
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b> \$ <u>3,500,000</u>	
GO's Unissued		348	489	502	510	527	1,124	3,500		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		348	489	502	510	527	1,124	3,500	<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design	
									Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>STREETS CATALYST AREA IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14460	<b>ACCOUNT NO(S).</b> 651-1429-1446019		
<b>PROJECT DESCRIPTION</b> Program allowance to improve additional streets, thoroughfares, alleys, sidewalks, bridges, intersections, screening walls, streetscape, wayfinding, fixtures, entryway signs beautification, and other public ways, such as South Garland Avenue Area Intersection Improvements.  Streets Catalyst Area Improvement funding approved in the 2019 Bond Program has been allocated to Downtown Infrastructure and Intersection Improvements, Downtown Streetscapes & Redevelopment, and Commercial Corridor Revitalization projects, which can be found in the Economic Development section.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 3,347,000		
Design											
Land/Right-of-Way											
Construction		278	500	500	500	500	1,069	3,347			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		278	500	500	500	500	1,069	3,347			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 3,347,000</b>		
Current Funds									<b>UNFUNDED      \$ _____</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 3,347,000</b>		
GO's Unissued		278	500	500	500	500	1,069	3,347			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		278	500	500	500	500	1,069	3,347	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>NORTH-SOUTH BIKEWAY</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 15596	<b>ACCOUNT NO(S).</b> 622-1799-1559600 692-1799-1559600		
<b>PROJECT DESCRIPTION</b> This project includes bridges, trails and on-street markings connecting the Duck Creek Greenbelt to Winters Park. It also includes connections to Breckinridge Park in Richardson and the bike trail to Town East Mall in Mesquite, with funding from the Regional Toll Revenue (RTR) Program and Dallas County. The on-street portions of this project are complete. The remaining funding will be used to construct bike/PED bridges over Duck Creek north of Centerville and south of I.H. 30.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> The additional on-street pavement markings and signs as well as the bridges will increase maintenance costs to the City.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	RTR                                    \$ 2,444,000		
Design	302	80						382	1997 Bond Fund Uniss.            200,000		
Land/Right-of-Way									1997 Bond Fund                    510,000		
Construction	48	2,901						2,949	Dallas County                        555,000		
Equip. & Furnish.											
Other		378						378			
<b>TOTAL COSTS</b>	<b>350</b>	<b>3,359</b>						<b>3,709</b>			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 3,709,000</b>		
Current Funds									<b>UNFUNDED        \$ _____</b>		
GO's/Com. Paper Issued	510							510	<b>PROJECT TOTAL    \$ 3,709,000</b>		
GO's Unissued		200						200			
RB's/Com. Paper											
Certificates of Obligation											
Other		2,999						2,999			
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	<b>510</b>	<b>3,199</b>						<b>3,709</b>			
									<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design                                09/2012      03/2020		
									Land/Right-of-Way		
									Construction                        09/2016      12/2020		
									<b>TOTAL SCHEDULE</b> 09/2012      12/2020		

<b>PROJECT TITLE</b> <b>TRAIN QUIET ZONE</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 15751		<b>ACCOUNT NO(S).</b> 624-1799-1575104	
<b>PROJECT DESCRIPTION</b> This project is for the study, design, and implementation of train quiet zones. Construction requirements consist of barriers, signing, and markings at all railroad crossings included in the quiet zone. The quiet zone along the KCS line has been completed successfully. Future projects may include the DGNO/DART line.  Projects for 2020 include a new quiet zone on the DGNO/DART line.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This will involve new equipment that will be necessary to maintain.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$ 1,675,000	
Design		134						618	752	2004 Bond Fund                      425,000	
Land/Right-of-Way											
Construction		229	500					619	1,348		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		363	500					1,237	2,100		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>2,100,000</u>	
Current Funds										UNFUNDED              \$ _____	
GO's/Com. Paper Issued		425							425	PROJECT TOTAL      \$ <u>2,100,000</u>	
GO's Unissued			438					1,237	1,675		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		425	438					1,237	2,100	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	
										<b>FINISH</b>	
										Design	
										Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing      Project)	

<b>PROJECT TITLE</b> <b>BOTTLENECK IMPROVEMENTS PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14500		<b>ACCOUNT NO(S).</b> 623-1799-1430700 651-1429-1450019	
<b>PROJECT DESCRIPTION</b> This project will provide bottleneck improvements to major intersections. Funding for this project comes from DART local assistance program funds and the 2019 Bond Program. These funds are being programmed for the current, most cost-effective bottleneck locations in the city.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss. \$ 14,000,000 DART Part. 3,202,833	
Design		171	2,734	262	95	34	174	420	3,890		
Land/Right-of-Way											
Construction			531	653	3,097	2,379	20	6,138	12,818		
Equip. & Furnish.											
Other			56	124	57	10	219	29	495		
<b>TOTAL COSTS</b>		171	3,321	1,039	3,249	2,423	413	6,587	17,203		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>17,202,833</u> UNFUNDED \$ _____ PROJECT TOTAL \$ <u>17,202,833</u>	
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued			289	1,039	3,249	2,423	413	6,587	14,000		
RB's/Com. Paper											
Certificates of Obligation											
Other		221	2,982						3,203		
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		221	3,271	1,039	3,249	2,423	413	6,587	17,203	<b>PROJECT SCHEDULE</b> Design Land/Right-of-Way Construction <b>TOTAL SCHEDULE</b> (Ongoing Project)	

<b>PROJECT TITLE</b> <b>OPERATIONAL AND SAFETY IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14525		<b>ACCOUNT NO(S).</b> 623-1799-1548015 623-1799-1548516	
<b>PROJECT DESCRIPTION</b> This ongoing program provides for various improvements such as removing substandard medians, increasing curb radii to facilitate turning movements, constructing left-turn lanes at median openings, installing roadside barriers, realigning offset intersections, installing guardrails, upgrading ADA ramping, and constructing left and right-turn lanes at bottleneck locations.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss. \$ 490,000	
Design		247	120						367	2019 Bond Fund Uniss. 3,500,000	
Land/Right-of-Way										2004 Bond Fund 1,049,643	
Construction		960	243	400	530	536	548	1,790	5,007	CF/Interest 444,630	
Equip. & Furnish.		12	63						75		
Other					20	14	2		36		
<b>TOTAL COSTS</b>		1,219	426	400	550	550	550	1,790	5,485		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 5,484,273	
Current Funds		445							445	UNFUNDED \$ _____	
GO's/Com. Paper Issued		1,050							1,050	PROJECT TOTAL \$ <u>5,484,273</u>	
GO's Unissued			150	400	550	550	550	1,790	3,990		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		1,495	150	400	550	550	550	1,790	5,485	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	
										<b>FINISH</b>	
										Design	
										Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing Project)	

<b>PROJECT TITLE</b> <b>TRAFFIC SIGNAL EQUIPMENT MODERNIZATION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14560		<b>ACCOUNT NO(S).</b> 624-1799-1562004 651-1429-1456019	
<b>PROJECT DESCRIPTION</b> This project provides various traffic signal improvements such as replacing obsolete mast arm poles; upgrading left-turn displays; upgrading traffic signal cabinets; replacing vehicle detection, school flasher system and aged and damaged signal cables; and removing median-mounted left-turn poles. This project is coordinated with the Traffic Control System projects.  2020 includes reimbursement from TxDOT for furnishing traffic signal equipment and materials for TxDOT I.H. 635 East and TxDOT S.H. 78 Transit Pass projects.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Emergency and routine maintenance requirements should decrease where new equipment is installed.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Reimbursement                    \$    128,430	
Design		95	167						262	SafeLight Garland                245,000	
Land/Right-of-Way										TxDOT                                 688,000	
Construction		2,691	123	200	200	200	200	700	4,314	Cert. of Oblig. Issued             91,800	
Equip. & Furnish.			2,177	500	500	500	500	1,500	5,677	2019 Bond Fund Uniss.            5,000,000	
Other										2004 Bond Fund                    4,100,000	
<b>TOTAL COSTS</b>		2,786	2,467	700	700	700	700	2,200	10,253	<b>TOTAL FUNDED            \$ 10,253,230</b>	
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>UNFUNDED                 \$ _____</b>	
Current Funds		245							245	<b>PROJECT TOTAL            \$ 10,253,230</b>	
GO's/Com. Paper Issued		4,100							4,100		
GO's Unissued				700	700	700	700	2,200	5,000		
RB's/Com. Paper											
Certificates of Obligation		92							92	<b>PROJECT SCHEDULE</b>	
Other		128	688						816	<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>		4,565	688	700	700	700	700	2,200	10,253	<b>TOTAL SCHEDULE</b>	
										(Ongoing    Project)	

<b>PROJECT TITLE</b> <b>TRAFFIC CONTROL SYSTEM</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All					
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14600		<b>ACCOUNT NO(S).</b> 623-1799-1553015 624-1799-1553004					
<b>PROJECT DESCRIPTION</b> The requested funding is primarily to replace the current central traffic control software, local intersection control hardware, cabinets and software and network communication electronics, fiber optics, and cabling. The current system is no longer supported by the vendor and will not run on current operating systems. Existing field units are failing at an increasing rate.								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> The replacement of hardware will reduce maintenance costs of the older equipment.								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$ 1,331,000					
Design		201	10	10	10	10	10	10	261	2019 Bond Fund Uniss.      2,500,000					
Land/Right-of-Way										2004 Bond Fund              2,669,000					
Construction		1,573	142						1,715	DART LAP                      100,000					
Equip. & Furnish.			1,743	540	540	540	540	721	4,624						
Other															
<b>TOTAL COSTS</b>		1,774	1,895	550	550	550	550	731	6,600						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>6,600,000</u>					
Current Funds										UNFUNDED              \$ _____					
GO's/Com. Paper Issued		2,669							2,669	PROJECT TOTAL      \$ <u>6,600,000</u>					
GO's Unissued			900	550	550	550	550	731	3,831						
RB's/Com. Paper															
Certificates of Obligation															
Other		100							100						
<b>Unfunded</b>															
<b>TOTAL SOURCES</b>		2,769	900	550	550	550	550	731	6,600	<b>PROJECT SCHEDULE</b>					
										<b>START</b>					
										<b>FINISH</b>					
										Design					
										Land/Right-of-Way					
										Construction					
										<b>TOTAL SCHEDULE</b>					
										(Ongoing    Project)					

<b>PROJECT TITLE</b> <b>EMERGENCY SERVICES SIGNAL EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14625	<b>ACCOUNT NO(S).</b> 623-1799-1554700 624-1799-1554704	
<b>PROJECT DESCRIPTION</b> This project includes the installation or upgrade of equipment at various signals to provide for priority control to permit the safe passage of Fire Department emergency vehicles. This project is coordinated with the Signal System, Modernization, and Installation projects. Full replacement of this system is anticipated in 2021-2022.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$    375,000 2019 Bond Fund Uniss.                      2,500,000 2004 Bond Fund                                      125,000 CF/Interest    55,369	
Design										
Land/Right-of-Way										
Construction	100							100		
Equip. & Furnish.		80	1,000	1,000	175	175	525	2,955		
Other										
<b>TOTAL COSTS</b>	100	80	1,000	1,000	175	175	525	3,055		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    3,055,369</b> <b>UNFUNDED              \$                      </b> <b>PROJECT TOTAL        \$    3,055,369</b>	
Current Funds	55							55		
GO's/Com. Paper Issued	125							125		
GO's Unissued			1,000	1,000	175	175	525	2,875		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	180		1,000	1,000	175	175	525	3,055	<b>PROJECT SCHEDULE</b> Design Land/Right-of-Way Construction <b>TOTAL SCHEDULE</b> (Ongoing      Project)	

<b>PROJECT TITLE</b> <b>NEW TRAFFIC SIGNAL INSTALLATIONS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All					
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14650		<b>ACCOUNT NO(S).</b> 624-1799-1560204 651-1429-1465019					
<b>PROJECT DESCRIPTION</b> This project provides for the study, design, equipment acquisition, and installation of new traffic signals, which are warranted by increases in traffic volumes, changes in traffic patterns, or other factors. The installation of school speed zone beacons and crosswalk flashers is also included in this project.								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact   Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> The installation of additional traffic signals will increase maintenance and electric consumption costs.								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Reimbursement                    \$      60,579					
Design		161	25	25	25	25	25	163	449	2004 Bond Fund Uniss.            1,187,750					
Land/Right-of-Way										2019 Bond Fund Uniss.            1,225,000					
Construction		669	256	150	150	195	194	671	2,285	2004 Bond Fund                      900,000					
Equip. & Furnish.			100	75	75	75	57	249	631						
Other							1	8	9						
<b>TOTAL COSTS</b>		830	381	250	250	295	277	1,091	3,374						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$    3,373,329					
Current Funds										UNFUNDED                 \$					
GO's/Com. Paper Issued		900							900	PROJECT TOTAL            \$    3,373,329					
GO's Unissued			250	250	250	295	277	1,091	2,413						
RB's/Com. Paper															
Certificates of Obligation															
Other		61							61						
<b>Unfunded</b>															
<b>TOTAL SOURCES</b>		961	250	250	250	295	277	1,091	3,374	<b>PROJECT SCHEDULE</b>					
										<b>START</b>					
										<b>FINISH</b>					
										Design					
										Land/Right-of-Way					
										Construction					
										<b>TOTAL SCHEDULE</b>					
										(Ongoing    Project)					

<b>PROJECT TITLE</b> <b>RAILROAD CROSSING IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Transportation				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14700	<b>ACCOUNT NO(S).</b> 622-1799-1557900 624-1799-1557904		
<b>PROJECT DESCRIPTION</b> Replacement of railroad crossing surfaces at various locations. No current projects are planned. This funding is allocated so that, in the event the railroad approaches the City with a need to adjust track work, the City would be able to respond quickly to perform crossing improvements. This requested funding will provide for the City to initiate the replacement of two crossing in 2020.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$      834,000		
Design					25	27	118	170	2019 Bond Fund Uniss.      2,100,000		
Land/Right-of-Way									1997 Bond Fund              237,794		
Construction	100	600	538		283	297	1,312	3,130	2004 Bond Fund              166,000		
Equip. & Furnish.											
Other					28	10		38			
<b>TOTAL COSTS</b>	100	600	538		336	334	1,430	3,338			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    3,337,794</b>		
Current Funds									<b>UNFUNDED            \$                   </b>		
GO's/Com. Paper Issued	404							404	<b>PROJECT TOTAL      \$    3,337,794</b>		
GO's Unissued		296	538		336	334	1,430	2,934			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	404	296	538		336	334	1,430	3,338	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>STREET RECONSTRUCTION AND IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Street Department				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 39818	<b>ACCOUNT NO(S).</b> 692-4699-3981800	
<b>PROJECT DESCRIPTION</b> Funding for street reconstruction and repair has traditionally come from transfers from the General Fund, Water Utility Fund, Wastewater Utility Fund, Community Development Block Grants, and Tax Note proceeds. However, streets within the city have suffered a quicker rate of deterioration in recent years, primarily due to the extended drought, and additional funds are needed to address this issue. This project provides the resources needed to more adequately fund the Street Program and allow the City to improve the condition of its streets. Due to the Debt Service Tax Rate increase approved for the implementation of the 2019 Bond Program, the Street Reconstruction and Improvements Program will be funded entirely by a General Fund Transfer, Utility Funds Transfer, and Tax Notes. The requirement of Certificates of Obligation to fund a portion of the program is anticipated to resume in 2026. Years 2020-2025 are anticipated to be funded entirely in the Operating Budget.  The activity in 2020 is carryover spending of funding approved in the 2019 CIP.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$ 25,288,000	
Design										
Land/Right-of-Way										
Construction	22,186	3,102						25,288		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	22,186	3,102						25,288		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>25,288,000</u> UNFUNDED            \$ _____ PROJECT TOTAL      \$ <u>25,288,000</u>	
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	25,288							25,288		
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	25,288							25,288		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)



**GARLAND**

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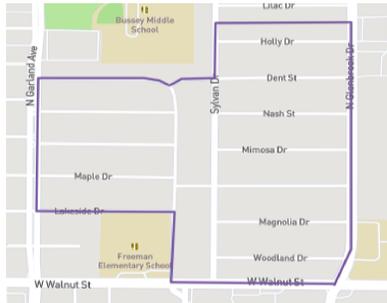
**Drainage  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

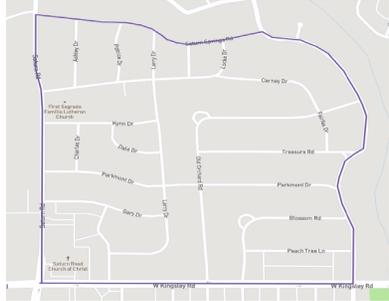
Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
14244	Classic and Yale	126	UF, GOB04	\$ 3,053	\$ 1,655	\$ 1,292	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,000
14245	Garland Heights / Freeman	127	UF, GOB04	0	550	3,150	500	0	0	0	4,200
14246	Parkmont Drive	128	CO, GOB04	5,129	738	0	0	0	0	0	5,867
14248	Bridge and Drainage Infrastructure Remediation	129	CO20, CF, CO, UF, OTHER	4,630	3,184	450	0	0	0	0	8,264
14495	Drainage Maintenance Program	130	CO20, UF	0	300	500	500	500	0	0	1,800
14745	Country Club Park Estates Drainage Improvements	131	GOB19	0	361	1,272	2,637	0	0	0	4,270
14746	Garvon West Industrial Park Drainage Improvements	132	GOB19	0	1,023	3,639	7,548	0	0	0	12,210
14747	Lakewood Addition Drainage Improvements	133	GOB19	0	163	0	0	390	3,717	0	4,270
14748	Western Heights No. 4 Drainage Improvements	134	GOB19	0	50	0	123	1,047	0	0	1,220
14749	Saturn Springs Estates Drainage Improvements	135	GOB19	0	469	0	0	1,101	10,640	0	12,210
14750	Montclair No. 2 & No. 3 Drainage Improvements	136	GOB19	0	175	0	360	3,735	0	0	4,270
14751	Drainage Improvements Prior to Street Replacement	137	GOB19	0	69	94	99	103	107	228	700
14800	Drainage Participation Program	138	CO, GOB04, GOB19, OTHER	2,134	1,377	235	246	257	269	573	5,091
14850	Local Flooding Program	139	CO, GOB04, GOB19	4,412	3,266	1,284	0	0	0	0	8,962
14900	Flood-Prone Properties Fund	140	GOB19	0	389	538	562	587	614	1,310	4,000
Total				<u>\$ 19,358</u>	<u>\$ 13,769</u>	<u>\$ 12,454</u>	<u>\$ 12,575</u>	<u>\$ 7,720</u>	<u>\$ 15,347</u>	<u>\$ 2,111</u>	<u>\$ 83,334</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 10,308	\$ 2,849	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,157
Total 2020 Certificate of Obligation				0	2,580	0	0	0	0	0	2,580
Total Unfunded				0	0	950	500	500	0	0	1,950
Total 2004 Bond Program				9,050	4,305	4,442	500	0	0	0	18,297
Total 2019 Bond Program				0	4,035	7,062	11,575	7,220	15,347	2,111	47,350
Total				<u>\$ 19,358</u>	<u>\$ 13,769</u>	<u>\$ 12,454</u>	<u>\$ 12,575</u>	<u>\$ 7,720</u>	<u>\$ 15,347</u>	<u>\$ 2,111</u>	<u>\$ 83,334</u>

**Drainage**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
14244	Classic and Yale	126	Appr.	\$ 1,369	\$ 1,292	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,661
14245	Garland Heights / Freeman	127	Appr.	550	3,150	500	0	0	0	4,200
14248	Bridge and Drainage Infrastructure Remediation	129	Appr.	2,280	450	0	0	0	0	2,730
14495	Drainage Maintenance Program	130	Appr.	300	500	500	500	0	0	1,800
14745	Country Club Park Estates Drainage Improvements	131	Appr.	361	1,272	2,637	0	0	0	4,270
14746	Garvon West Industrial Park Drainage Improvements	132	Appr.	1,023	3,639	7,548	0	0	0	12,210
14747	Lakewood Addition Drainage Improvements	133	Appr.	163	0	0	390	3,717	0	4,270
14748	Western Heights No. 4 Drainage Improvements	134	Appr.	50	0	123	1,047	0	0	1,220
14749	Saturn Springs Estates Drainage Improvements	135	Appr.	469	0	0	1,101	10,640	0	12,210
14750	Montclair No. 2 & No. 3 Drainage Improvements	136	Appr.	175	0	360	3,735	0	0	4,270
14751	Drainage Improvements Prior to Street Replacement	137	Appr.	69	94	99	103	107	228	700
14800	Drainage Participation Program	138	Appr.	170	235	246	257	269	573	1,750
14850	Local Flooding Program	139	Appr.	1,166	1,284	0	0	0	0	2,450
14900	Flood-Prone Properties Fund	140	Appr.	389	538	562	587	614	1,310	4,000
Total				\$ 8,534	\$ 12,454	\$ 12,575	\$ 7,720	\$ 15,347	\$ 2,111	\$ 58,741
Total Approved				\$ 8,534	\$ 12,454	\$ 12,575	\$ 7,720	\$ 15,347	\$ 2,111	\$ 58,741
Total Unapproved				0	0	0	0	0	0	0
Total				\$ 8,534	\$ 12,454	\$ 12,575	\$ 7,720	\$ 15,347	\$ 2,111	\$ 58,741

<b>PROJECT TITLE</b> <b>CLASSIC AND YALE</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 6	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14244		<b>ACCOUNT NO(S).</b> 625-1409-1424400 625-1409-1424404	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction related to drainage improvements in the vicinity of Classic and Yale Drives.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		563	76						639	2004 Bond Fund Uniss. \$ 2,661,000	
Land/Right-of-Way										2004 Bond Fund 3,339,000	
Construction		2,490	1,579	1,292					5,361		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		<b>3,053</b>	<b>1,655</b>	<b>1,292</b>					<b>6,000</b>		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		3,339							3,339		
GO's Unissued			1,369	1,292					2,661		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		<b>3,339</b>	<b>1,369</b>	<b>1,292</b>					<b>6,000</b>		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		06/2008	03/2020
								Land/Right-of-Way			
								Construction		09/2010	12/2021
<b>TOTAL SCHEDULE</b>										<b>06/2008</b>	<b>12/2021</b>
								<b>TOTAL FUNDED</b>		<b>\$ 6,000,000</b>	
								<b>UNFUNDED</b>		<b>\$ _____</b>	
								<b>PROJECT TOTAL</b>		<b>\$ 6,000,000</b>	

<b>PROJECT TITLE</b> <b>GARLAND HEIGHTS / FREEMAN</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 8	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14245		<b>ACCOUNT NO(S).</b> 625-1409-1424504	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction related to neighborhood drainage improvements.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			350	150					500	2004 Bond Fund Uniss.      \$ 4,200,000	
Land/Right-of-Way			200						200		
Construction				3,000	500				3,500		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>			550	3,150	500				4,200		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued			550	3,150	500				4,200	TOTAL FUNDED      \$ 4,200,000	
RB's/Com. Paper										UNFUNDED      \$ _____	
Certificates of Obligation										PROJECT TOTAL      \$ 4,200,000	
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			550	3,150	500				4,200		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		03/2020	12/2021
								Land/Right-of-Way		03/2020	12/2020
								Construction		06/2021	12/2022
<b>TOTAL SCHEDULE</b>										03/2020	12/2022

<b>PROJECT TITLE</b> <b>PARKMONT DRIVE</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 14246		<b>ACCOUNT NO(S).</b> 625-1409-1424604 692-1409-1424600	
<b>PROJECT DESCRIPTION</b> Funding is provided for the design, land acquisition, permitting, and construction related to drainage improvements in the vicinity of Parkmont Drive.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		589	9						598	Cert. of Oblig. Issued \$ 1,817,000	
Land/Right-of-Way		17							17	2004 Bond Fund 4,050,000	
Construction		4,523	729						5,252		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		5,129	738						5,867		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										TOTAL FUNDED \$ 5,867,000	
GO's/Com. Paper Issued		4,050							4,050	UNFUNDED \$ _____	
GO's Unissued										PROJECT TOTAL \$ 5,867,000	
RB's/Com. Paper											
Certificates of Obligation		1,817							1,817	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>		5,867							5,867	Design 09/2008 06/2020	
										Land/Right-of-Way 01/2016 03/2019	
										Construction 11/2017 06/2020	
										<b>TOTAL SCHEDULE</b> 09/2008 06/2020	

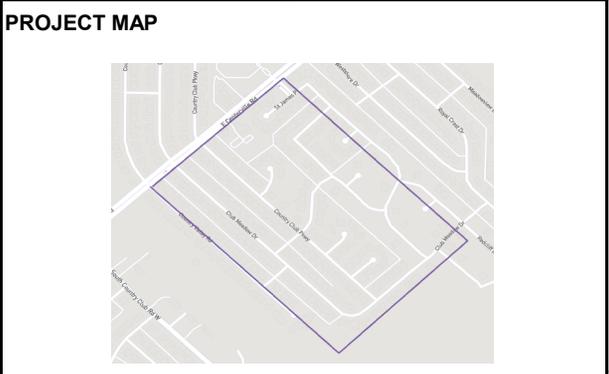
<b>PROJECT TITLE</b> <b>BRIDGE AND DRAINAGE INFRASTRUCTURE REMEDIATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14248	<b>ACCOUNT NO(S).</b> 692-1409-1424807	
<b>PROJECT DESCRIPTION</b> Funds will provide necessary repairs to various bridges throughout the city as identified in the Bridge Inspection and Appraisal (BRINSAP) Reports provided by the Texas Department of Transportation (TxDOT). Bridges completed to date include Briarwood Drive over Duck Creek, Naaman School Road over Spring Creek, Campbell Road over Rowlett Creek, Centerville Road over Bradfield Creek, and North Garland Road over Spring Creek. In 2017 due to changes in the scope of necessary repairs, Dallas County committed to increased participation for remainder of the project from \$461,120 to \$1,429,314. Funding requested in 2020 and 2021 also includes channel infrastructure remediation from Shady Lane to Redbud Lane, south of Resistol Road.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 2,280,000	
Design	457	20						477	Cert. of Oblig. Issued 1,905,000	
Land/Right-of-Way									Current Funds 2,200,000	
Construction	4,173	3,164	450					7,787	Dallas County 1,429,314	
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	<b>4,630</b>	<b>3,184</b>	<b>450</b>					<b>8,264</b>		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 7,814,314</b>	
Current Funds	2,200							2,200	<b>UNFUNDED \$ 450,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 8,264,314</b>	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	1,905	2,280						4,185	<b>PROJECT SCHEDULE</b>	
Other	1,429							1,429	<b>START</b>	
<b>Unfunded</b>			450					450	<b>FINISH</b>	
<b>TOTAL SOURCES</b>	<b>5,534</b>	<b>2,280</b>	<b>450</b>					<b>8,264</b>	<b>TOTAL SCHEDULE</b>	
									(Ongoing Project)	

<b>PROJECT TITLE</b> <b>DRAINAGE MAINTENANCE PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14495	<b>ACCOUNT NO(S).</b> 691-1409-1449500		
<b>PROJECT DESCRIPTION</b> Funding provided for maintenance of Drainage Participation Program or Drainage Improvement District projects previously constructed, including in Spring Creek between Jupiter Road and Campbell Road.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation	\$ 300,000	
Design		300	150	150	150			750			
Land/Right-of-Way											
Construction			350	350	350			1,050			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		300	500	500	500			1,800			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b>	<b>\$ 300,000</b>	
Current Funds									<b>UNFUNDED</b>	<b>\$ 1,500,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b>	<b>\$ 1,800,000</b>	
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation		300						300	Design		
Other									Land/Right-of-Way		
<b>Unfunded</b>			500	500	500			1,500	Construction		
<b>TOTAL SOURCES</b>		300	500	500	500			1,800	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>COUNTRY CLUB PARK ESTATES DRAINAGE IMPROVEMENTS</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> New Project	<b>PROJECT NO(S).</b> 14745	<b>ACCOUNT NO(S).</b> 653-1429-1474519
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**PROJECT DESCRIPTION**  
Upgrade underground drainage system in and around James Good Lane and adjacent streets to alleviate flooding and reported street and alley ponding issues.



**IMPACT ON OPERATING BUDGET**

Will Impact      Annual Cost/(Savings):  
 Will Not Impact      Personnel  
# of Positions   0        Operations  
   Capital  
   Total      \$ \_\_\_\_\_

**IMPACT EXPLANATION**

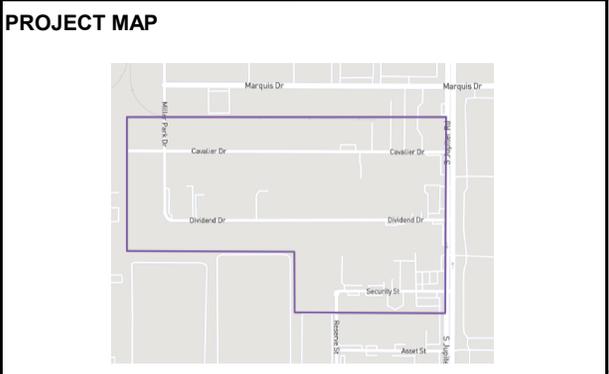
**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total			
Design		262	191	72				525	2019 Bond Fund Uniss.      \$ 4,270,000		
Land/Right-of-Way											
Construction			998	2,544				3,542			
Equip. & Furnish.											
Other		99	83	21				203			
<b>TOTAL COSTS</b>		361	1,272	2,637				4,270			
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total			
Current Funds									TOTAL FUNDED      \$ 4,270,000 UNFUNDED      \$ _____ PROJECT TOTAL      \$ 4,270,000		
GO's/Com. Paper Issued											
GO's Unissued		361	1,272	2,637				4,270			
RB's/Com. Paper											
Certificates of Obligation									<b>PROJECT SCHEDULE</b>		
Other										<b>START</b>	
<b>Unfunded</b>									Design	01/2020	11/2022
<b>TOTAL SOURCES</b>		361	1,272	2,637				4,270	Land/Right-of-Way		
									Construction	10/2021	11/2022
									<b>TOTAL SCHEDULE</b>	01/2020	11/2022

<b>PROJECT TITLE</b> <b>GARVON WEST INDUSTRIAL PARK DRAINAGE IMPROVEMENTS</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 6
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> New Project	<b>PROJECT NO(S).</b> 14746	<b>ACCOUNT NO(S).</b> 653-1429-1474619
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**PROJECT DESCRIPTION**  
Upgrade storm sewer system in and around Security Street, Dividend Drive, and Cavalier Drive to alleviate flooding.



**IMPACT ON OPERATING BUDGET**

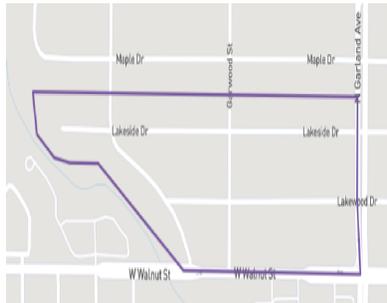
Will Impact      Annual Cost/(Savings):  
 Will Not Impact    Personnel  
# of Positions   0      Operations  
                                  Capital  
                                  Total            \$ \_\_\_\_\_

**IMPACT EXPLANATION**

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total			
Design		738	545	208				1,491	2019 Bond Fund Uniss.	\$ 12,210,000	
Land/Right-of-Way											
Construction			2,856	7,281				10,137			
Equip. & Furnish.											
Other		285	238	59				582			
<b>TOTAL COSTS</b>		1,023	3,639	7,548				12,210			
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total			
Current Funds									TOTAL FUNDED \$ 12,210,000 UNFUNDED \$ _____ PROJECT TOTAL \$ 12,210,000		
GO's/Com. Paper Issued											
GO's Unissued		1,023	3,639	7,548				12,210			
RB's/Com. Paper											
Certificates of Obligation									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other									Design	01/2020	11/2022
<b>Unfunded</b>									Land/Right-of-Way		
<b>TOTAL SOURCES</b>		1,023	3,639	7,548				12,210	Construction	10/2021	11/2022
									<b>TOTAL SCHEDULE</b>	01/2020	11/2022

<b>PROJECT TITLE</b> <b>LAKEWOOD ADDITION DRAINAGE IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 8																																																																																																																																														
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14747	<b>ACCOUNT NO(S).</b> 653-1429-1474719																																																																																																																																														
<b>PROJECT DESCRIPTION</b> Upgrade the storm drainage system in the Lakeside, Brookside, and Lakewood Drives area.								<b>PROJECT MAP</b>																																																																																																																																															
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____								<b>IMPACT EXPLANATION</b>		<b>FUNDING SOURCE(S)</b>																																																																																																																																													
												<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>*PROJECT COSTS</th> <th>Thru 12-2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025 to completion</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Design</td> <td></td> <td>107</td> <td></td> <td></td> <td>313</td> <td>182</td> <td></td> <td>602</td> </tr> <tr> <td>Land/Right-of-Way</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3,451</td> <td></td> <td>3,451</td> </tr> <tr> <td>Equip. &amp; Furnish.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td>56</td> <td></td> <td></td> <td>77</td> <td>84</td> <td></td> <td>217</td> </tr> <tr> <td><b>TOTAL COSTS</b></td> <td></td> <td>163</td> <td></td> <td></td> <td>390</td> <td>3,717</td> <td></td> <td>4,270</td> </tr> <tr> <th>*SOURCE OF FUNDS</th> <th>Thru 12-2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025 to completion</th> <th>Total</th> </tr> <tr> <td>Current Funds</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GO's/Com. Paper Issued</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GO's Unissued</td> <td></td> <td>163</td> <td></td> <td></td> <td>390</td> <td>3,717</td> <td></td> <td>4,270</td> </tr> <tr> <td>RB's/Com. Paper</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Certificates of Obligation</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>Unfunded</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>TOTAL SOURCES</b></td> <td></td> <td>163</td> <td></td> <td></td> <td>390</td> <td>3,717</td> <td></td> <td>4,270</td> </tr> </tbody> </table>				*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total	Design		107			313	182		602	Land/Right-of-Way									Construction						3,451		3,451	Equip. & Furnish.									Other		56			77	84		217	<b>TOTAL COSTS</b>		163			390	3,717		4,270	*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total	Current Funds									GO's/Com. Paper Issued									GO's Unissued		163			390	3,717		4,270	RB's/Com. Paper									Certificates of Obligation									Other									<b>Unfunded</b>									<b>TOTAL SOURCES</b>
*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total																																																																																																																																															
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								Construction	01/2024	12/2024																																																																																																																																													
<b>TOTAL SCHEDULE</b>								<b>01/2020</b>	<b>12/2024</b>																																																																																																																																														



<b>PROJECT TITLE</b> <b>WESTERN HEIGHTS NO. 4 DRAINAGE IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 6	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14748		<b>ACCOUNT NO(S).</b> 653-1429-1474819	
<b>PROJECT DESCRIPTION</b> Upgrade existing drainage system to alleviate the flooding issues in the 3200 block of March Lane.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			32		97	28			157	2019 Bond Fund Uniss. \$ 1,220,000	
Land/Right-of-Way											
Construction						1,005			1,005		
Equip. & Furnish.											
Other			18		26	14			58		
<b>TOTAL COSTS</b>			50		123	1,047			1,220		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued			50		123	1,047			1,220	TOTAL FUNDED \$ 1,220,000	
RB's/Com. Paper										UNFUNDED \$ _____	
Certificates of Obligation										PROJECT TOTAL \$ 1,220,000	
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			50		123	1,047			1,220		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		01/2020	12/2023
								Land/Right-of-Way			
								Construction		01/2023	12/2023
<b>TOTAL SCHEDULE</b>										01/2020	12/2023

<b>PROJECT TITLE</b> <b>SATURN SPRINGS ESTATES DRAINAGE IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14749	<b>ACCOUNT NO(S).</b> 653-1429-1474919	
<b>PROJECT DESCRIPTION</b> Upgrade the drainage system in the area adjacent to the recently completed Parkmont Drainage Improvements project, includes the area of Ashwood, Overhill, and Sycamore Streets.								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____					<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 12,210,000	
Design		320			899	284		1,503		
Land/Right-of-Way										
Construction						10,125		10,125		
Equip. & Furnish.										
Other		149			202	231		582		
<b>TOTAL COSTS</b>		469			1,101	10,640		12,210		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 12,210,000</b>	
Current Funds									<b>UNFUNDED      \$ _____</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 12,210,000</b>	
GO's Unissued		469			1,101	10,640		12,210		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		469			1,101	10,640		12,210		
									<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design	
									01/2020	
									12/2024	
									Land/Right-of-Way	
									Construction	
									01/2024	
									12/2024	
									<b>TOTAL SCHEDULE</b>	
									01/2020	
									12/2024	

<b>PROJECT TITLE</b> <b>MONTCLAIR NO. 2 &amp; NO. 3 DRAINAGE IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 5	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 14750	<b>ACCOUNT NO(S).</b> 653-1429-1475019	
<b>PROJECT DESCRIPTION</b> Upgrade existing drainage system to alleviate the flooding in the 5000 block of La Jolla Drive.								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____					<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 4,270,000	
Design		112		317	99			528		
Land/Right-of-Way										
Construction					3,538			3,538		
Equip. & Furnish.										
Other		63		43	98			204		
<b>TOTAL COSTS</b>		175		360	3,735			4,270		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 4,270,000</b>	
Current Funds									<b>UNFUNDED      \$ _____</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 4,270,000</b>	
GO's Unissued		175		360	3,735			4,270		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		175		360	3,735			4,270		
									<b>PROJECT SCHEDULE</b>	
									<b>START</b>	
									<b>FINISH</b>	
									Design	
									01/2020	
									12/2023	
									Land/Right-of-Way	
									Construction	
									01/2023	
									12/2023	
									<b>TOTAL SCHEDULE</b>	
									01/2020	
									12/2023	

<b>PROJECT TITLE</b> <b>DRAINAGE IMPROVEMENTS PRIOR TO STREET REPLACEMENT</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14751		<b>ACCOUNT NO(S).</b> 653-1429-1475119	
<b>PROJECT DESCRIPTION</b> Funding to construct drainage improvements in advance of Street Department's reconstruction and maintenance program throughout the city.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss. \$ 700,000	
Design			7	9	10	10	10	22	68		
Land/Right-of-Way											
Construction			61	84	88	92	96	203	624		
Equip. & Furnish.											
Other			1	1	1	1	1	3	8		
<b>TOTAL COSTS</b>			69	94	99	103	107	228	700		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 700,000	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued										PROJECT TOTAL \$ 700,000	
GO's Unissued			69	94	99	103	107	228	700		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			69	94	99	103	107	228	700		
										<b>PROJECT SCHEDULE</b>	
										<b>START</b>	
										<b>FINISH</b>	
										Design	
										Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing Project)	

<b>PROJECT TITLE</b> <b>DRAINAGE PARTICIPATION PROGRAM</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14800		<b>ACCOUNT NO(S).</b> 625-1409-1423104 653-1429-1480019	
<b>PROJECT DESCRIPTION</b> Funding to continue the City's cost-sharing Drainage Participation Program to alleviate erosion and/or flooding issues along creeks, streams, and drainageways.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued \$ 690,000	
Design		826	72	19	20	21	22		980	2019 Bond Fund Uniss. 1,750,000	
Land/Right-of-Way										2004 Bond Fund 2,050,000	
Construction		1,308	1,303	214	223	233	244	568	4,093	Drainage Part. 600,897	
Equip. & Furnish.											
Other			2	2	3	3	3	5	18		
<b>TOTAL COSTS</b>		2,134	1,377	235	246	257	269	573	5,091		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 5,090,897	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued		2,050							2,050	PROJECT TOTAL \$ 5,090,897	
GO's Unissued			170	235	246	257	269	573	1,750		
RB's/Com. Paper											
Certificates of Obligation		690							690	<b>PROJECT SCHEDULE</b>	
Other		601							601	<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>		3,341	170	235	246	257	269	573	5,091	<b>TOTAL SCHEDULE</b>	
										(Ongoing Project)	

<b>PROJECT TITLE</b> <b>LOCAL FLOODING PROGRAM</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All					
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14850		<b>ACCOUNT NO(S).</b> 625-1409-1423004 653-1429-1485019					
<b>PROJECT DESCRIPTION</b> Funding provided to design and construct drainage improvement projects for various localized flooding issues.								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued            \$ 2,570,000					
Design		735	199						934	2019 Bond Fund Uniss.            2,450,000					
Land/Right-of-Way										2004 Bond Fund                    3,942,000					
Construction		3,677	3,067	1,284					8,028						
Equip. & Furnish.															
Other															
<b>TOTAL COSTS</b>		4,412	3,266	1,284					8,962						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$ <u>8,962,000</u>					
Current Funds										UNFUNDED                \$ _____					
GO's/Com. Paper Issued		3,942							3,942	PROJECT TOTAL            \$ <u>8,962,000</u>					
GO's Unissued			1,166	1,284					2,450						
RB's/Com. Paper															
Certificates of Obligation		2,570							2,570	<b>PROJECT SCHEDULE</b>					
Other										<b>START</b>					
<b>Unfunded</b>										<b>FINISH</b>					
<b>TOTAL SOURCES</b>		6,512	1,166	1,284					8,962	<b>TOTAL SCHEDULE</b>					
										(Ongoing    Project)					

<b>PROJECT TITLE</b> <b>FLOOD-PRONE PROPERTIES FUND</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 14900		<b>ACCOUNT NO(S).</b> 653-1429-1490019		
<b>PROJECT DESCRIPTION</b> A program for the purchase of "frequently flooding" properties in floodplain.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 4,000,000		
Design			32	44	46	48	51	108	329			
Land/Right-of-Way												
Construction			353	489	510	533	557	1,189	3,631			
Equip. & Furnish.												
Other			4	5	6	6	6	13	40			
<b>TOTAL COSTS</b>			389	538	562	587	614	1,310	4,000			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ 4,000,000		
Current Funds										UNFUNDED      \$ _____		
GO's/Com. Paper Issued										PROJECT TOTAL      \$ <u>4,000,000</u>		
GO's Unissued			389	538	562	587	614	1,310	4,000			
RB's/Com. Paper										<b>PROJECT SCHEDULE</b>		
Certificates of Obligation										<b>START</b>	<b>FINISH</b>	
Other										Design		
<b>Unfunded</b>										Land/Right-of-Way		
<b>TOTAL SOURCES</b>			389	538	562	587	614	1,310	4,000	Construction		
										<b>TOTAL SCHEDULE</b>	(Ongoing      Project)	



**GARLAND**

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**Library**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**APPROVED PROJECTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Funding Source</b>	<b>Thru 12/31/19</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
19581	Facilities Upgrades	144	INT, CF, CO, GOB04	\$ 2,414	\$ 138	\$ 80	\$ 0	\$ 0	\$ 468	\$ 0	\$ 3,100
19588	Relocate/Expand Walnut Creek Branch Library	145	GOB19	0	1,457	722	6,832	1,909	0	0	10,920
19560	Modernization/Upgrade of Garland Branch Libraries	146	GOB19	0	258	0	0	959	3,856	5,007	10,080
19584	Central Library Life and Safety Upgrades A & B	147	CO, UF	241	1,128	0	0	0	2,505	0	3,874
Total				<u>\$ 2,655</u>	<u>\$ 2,981</u>	<u>\$ 802</u>	<u>\$ 6,832</u>	<u>\$ 2,868</u>	<u>\$ 6,829</u>	<u>\$ 5,007</u>	<u>\$ 27,974</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 655	\$ 1,266	\$ 80	\$ 0	\$ 0	\$ 1,895	\$ 0	\$ 3,896
Total Unfunded				0	0	0	0	0	1,078	0	1,078
Total 2004 Bond Program				2,000	0	0	0	0	0	0	2,000
Total 2019 Bond Program				0	1,715	722	6,832	2,868	3,856	5,007	21,000
Total				<u>\$ 2,655</u>	<u>\$ 2,981</u>	<u>\$ 802</u>	<u>\$ 6,832</u>	<u>\$ 2,868</u>	<u>\$ 6,829</u>	<u>\$ 5,007</u>	<u>\$ 27,974</u>

**Library**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**DEBT ISSUANCE REQUIREMENTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Project Status</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
19588	Relocate/Expand Walnut Creek Branch Library	145	Appr.	\$ 457	\$ 722	\$ 6,832	\$ 1,909	\$ 0	\$ 0	\$ 9,920
19560	Modernization/Upgrade of Garland Branch Libraries	146	Appr.	258	0	0	959	3,856	5,007	10,080
19584	Central Library Life and Safety Upgrades A & B	147	Appr.	0	0	0	0	1,078	0	1,078
Total				<u>\$ 715</u>	<u>\$ 722</u>	<u>\$ 6,832</u>	<u>\$ 2,868</u>	<u>\$ 4,934</u>	<u>\$ 5,007</u>	<u>\$ 21,078</u>
Total Approved				\$ 715	\$ 722	\$ 6,832	\$ 2,868	\$ 4,934	\$ 5,007	\$ 21,078
Total Unapproved				0	0	0	0	0	0	0
Total				<u>\$ 715</u>	<u>\$ 722</u>	<u>\$ 6,832</u>	<u>\$ 2,868</u>	<u>\$ 4,934</u>	<u>\$ 5,007</u>	<u>\$ 21,078</u>

<b>PROJECT TITLE</b> <b>FACILITIES UPGRADES</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Library				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 19581		<b>ACCOUNT NO(S).</b> 641-2599-1958104 692-2599-1958100			
<b>PROJECT DESCRIPTION</b> This program includes Central Library carpet replacement, security gates, shelving at all libraries, and replacement of furniture purchased as part of the original 1970 construction and 1976 basement addition to the facility. Additional funding awarded in 2019 includes mobile device charging stations, the replacement of ceiling-mounted projector and screen at Central Library, and the replacement of staff furniture in Technical Services to allow for needed electrical and data ports to be completed in conjunction with Central Library Life and Safety Upgrades project.  Future improvement in 2024 includes the carpeting of Central Library to be completed in coordination with the Central Library Life and Safety Upgrades and Modernization/Upgrade of Central Branch Library projects.								<b>PROJECT MAP</b>					
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$    965,000			
Design		497							497	2004 Bond Fund                      2,000,000			
Land/Right-of-Way										Current Funds                              45,393			
Construction		1,429					50		1,479	CF/Interest                                 90,000			
Equip. & Furnish.		488	138	80			382		1,088				
Other							36		36				
<b>TOTAL COSTS</b>		2,414	138	80			468		3,100				
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>  3,100,393</u>			
Current Funds		135							135	UNFUNDED              \$ _____			
GO's/Com. Paper Issued		2,000							2,000	PROJECT TOTAL      \$ <u>  3,100,393</u>			
GO's Unissued													
RB's/Com. Paper													
Certificates of Obligation		965							965	<b>PROJECT SCHEDULE</b>			
Other										<b>START</b>			
<b>Unfunded</b>										<b>FINISH</b>			
<b>TOTAL SOURCES</b>		3,100							3,100	<b>TOTAL SCHEDULE</b>			
										(Ongoing      Project)			

<b>PROJECT TITLE</b> <b>RELOCATE/EXPAND WALNUT CREEK BRANCH LIBRARY</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 6	
<b>DEPARTMENT</b> Library				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 19588		<b>ACCOUNT NO(S).</b> 655-1429-1958819	
<b>PROJECT DESCRIPTION</b> Relocate and expand Walnut Creek Branch Library, currently located at 3319 Edgewood Drive.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss. \$ 9,920,000	
Design			313	468	120	50			951	2019 Bond Fund 1,000,000	
Land/Right-of-Way			1,050						1,050		
Construction					6,348	1,124			7,472		
Equip. & Furnish.					237	713			950		
Other			94	254	127	22			497		
<b>TOTAL COSTS</b>			1,457	722	6,832	1,909			10,920		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 10,920,000	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued		1,000							1,000	PROJECT TOTAL \$ 10,920,000	
GO's Unissued			457	722	6,832	1,909			9,920		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		1,000	457	722	6,832	1,909			10,920	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	<b>FINISH</b>
										Design	07/2020 08/2023
										Land/Right-of-Way	05/2019 05/2020
										Construction	01/2022 08/2023
										<b>TOTAL SCHEDULE</b>	05/2019 08/2023

<b>PROJECT TITLE</b> <b>MODERNIZATION/UPGRADE OF GARLAND BRANCH LIBRARIES</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Library				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 19560		<b>ACCOUNT NO(S).</b> 655-2499-1956019	
<b>PROJECT DESCRIPTION</b> The 2019 Bond Program includes the modernization and upgrade of North, South, and Central Garland Branch Libraries. This program includes improvements to infrastructure, configuration of space to add technologies, and the purchase/installation of remote library kiosks in non-library locations. The 2020 CIP includes the purchase and installation of remote library kiosks in non-library locations. Modern public libraries offer spaces to learn, create, and improve technical skills. To meet public demand and to carry out recommendations made by the revised Master Plan, the Library will offer maker rooms at Central Library and South Garland Branch Library in 2020. The spaces will provide maker machines, digital media equipment, and software packages for all ages of the Garland community to make their mark. Each space will require workstations and technology kiosks to provide the most flexibility for current space allocation and configuration. Library Makerspaces allow patrons of all ages access to resources and equipment that spurs innovation, helps to ensure Garland residents are workforce ready, and supports small businesses and emerging entrepreneurs who can test and incubate ideas and learn new skill sets investing software/equipment for their businesses.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			258			252	173	82	765	2019 Bond Fund Uniss.      \$ 10,080,000	
Land/Right-of-Way											
Construction						343	3,602	4,910	8,855		
Equip. & Furnish.											
Other						364	81	15	460		
<b>TOTAL COSTS</b>			258			959	3,856	5,007	10,080		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 10,080,000</b>	
Current Funds										<b>UNFUNDED      \$ _____</b>	
GO's/Com. Paper Issued										<b>PROJECT TOTAL      \$ 10,080,000</b>	
GO's Unissued			258			959	3,856	5,007	10,080		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			258			959	3,856	5,007	10,080	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	
										<b>FINISH</b>	
										Design	
										Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing      Project)	

<b>PROJECT TITLE</b> <b>CENTRAL LIBRARY LIFE AND SAFETY UPGRADES A &amp; B</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Library				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 19584	<b>ACCOUNT NO(S).</b> 692-4749-1958400 692-4749-1958500	
<b>PROJECT DESCRIPTION</b> The Central Library Life and Safety Upgrades project is managed by the Facilities Management Department, with the involvement of a Construction Manager at Risk, as part of a Central Library construction program. Fire and life safety upgrades (Scope A) included in 2020 are needed to bring the Central Library up to the current Fire Code and include the upgrade of two stairwells, upgrade of and additional parking lot lighting and resurfacing, addition of security cameras and access controls, and work in both sets of public restrooms.  Future scope (Scope B) in 2024 will address the design and installation of fire sprinklers on the main floor of the Library; replacement of the lights, ceiling tile, and grid; and work in the North Program Room. These improvements will be completed in coordination with the Library Facilities Upgrades and Modernization/Upgrade Central Branch Library projects.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued	\$ 2,795,919
Design	129					20		149		
Land/Right-of-Way										
Construction	102	1,128				2,485		3,715		
Equip. & Furnish.										
Other	10							10		
<b>TOTAL COSTS</b>	241	1,128				2,505		3,874		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b>	<b>\$ 2,795,919</b>
Current Funds									<b>UNFUNDED</b>	<b>\$ 1,078,000</b>
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b>	<b>\$ 3,873,919</b>
GO's Unissued										
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	
Certificates of Obligation	2,796							2,796	<b>START</b>	<b>FINISH</b>
Other									Design	01/2013 12/2024
<b>Unfunded</b>						1,078		1,078	Land/Right-of-Way	
<b>TOTAL SOURCES</b>	2,796					1,078		3,874	Construction	04/2017 12/2024
									<b>TOTAL SCHEDULE</b>	<b>01/2013 12/2024</b>

**Public Safety  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b><u>Police Department</u></b>											
13026	Police Evidence and Property Facility	151	GOB19	\$ 0	\$ 1,722	\$ 10,454	\$ 5,526	\$ 0	\$ 0	\$ 0	\$ 17,702
13027	Simunitions Training Facility and Range Improvements	152	GOB19	0	0	321	2,634	45	0	0	3,000
13028	Police Station Security Improvements	153	GOB19	0	145	1,819	36	0	0	0	2,000
<b><u>Fire Department</u></b>											
12058	Replace Fire Apparatus	154	CO20, CF, CO, UF	10,472	396	2,333	0	2,721	0	17,207	33,129
12099	Rebuild/Relocate Fire Station No. 7	155	GOB04, GOB19	0	793	240	0	0	2,615	4,587	8,235
12101	Relocate Fire Station No. 1	156	GOB04, GOB19	0	1,401	0	856	4,940	5,369	0	12,566
12104	Relocate Fire Station No. 6	157	GOB19	0	2,106	581	6,084	101	0	0	8,872
12107	Ambulance Replacement	158	CO20, CF, CO, UF	4,017	1,238	1,337	962	1,559	1,123	9,137	19,373
12108	Emergency Response Safety Equipment	159	INT, CO20, UF	322	2,328	315	1,008	0	0	315	4,288
Total				<u>\$ 14,811</u>	<u>\$ 10,129</u>	<u>\$ 17,400</u>	<u>\$ 17,106</u>	<u>\$ 9,366</u>	<u>\$ 9,107</u>	<u>\$ 31,246</u>	<u>\$ 109,165</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 14,811	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 14,811
Total Unfunded				0	3,962	3,985	1,970	4,280	1,123	26,659	41,979
Total 2004 Bond Program				0	1,025	0	0	0	0	0	1,025
Total 2019 Bond Program				0	5,142	13,415	15,136	5,086	7,984	4,587	51,350
Total				<u>\$ 14,811</u>	<u>\$ 10,129</u>	<u>\$ 17,400</u>	<u>\$ 17,106</u>	<u>\$ 9,366</u>	<u>\$ 9,107</u>	<u>\$ 31,246</u>	<u>\$ 109,165</u>

**Public Safety  
(Calendar Year 2020)  
(In 000's Dollars)  
UNAPPROVED PROJECTS**

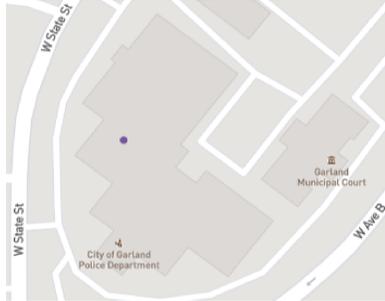
Project Number	Project Title	Page	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
12111	<u>Fire Department</u> Event Response Vehicle	161	\$ 0	\$ 0	\$ 0	\$ 140	\$ 0	\$ 0	\$ 0	\$ 140
	Total		<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 140</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 140</u>

**Public Safety  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Project Status</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
<b><u>Police Department</u></b>										
13026	Police Evidence and Property Facility	151	Appr.	\$ 522	\$ 10,454	\$ 5,526	\$ 0	\$ 0	\$ 0	\$ 16,502
13027	Simunitions Training Facility and Range Improvements	152	Appr.	0	321	2,634	45	0	0	3,000
13028	Police Station Security Improvements	153	Appr.	145	1,819	36	0	0	0	2,000
<b><u>Fire Department</u></b>										
12058	Replace Fire Apparatus	154	Appr.	396	2,333	0	2,721	0	17,207	22,657
12099	Rebuild/Relocate Fire Station No. 7	155	Appr.	793	240	0	0	2,615	4,587	8,235
12101	Relocate Fire Station No. 1	156	Appr.	81	0	856	4,940	5,369	0	11,246
12104	Relocate Fire Station No. 6	157	Appr.	786	581	6,084	101	0	0	7,552
12107	Ambulance Replacement	158	Appr.	1,238	1,337	962	1,559	1,123	9,137	15,356
12108	Emergency Response Safety Equipment	159	Appr.	2,328	315	1,008	0	0	315	3,966
12111	Event Response Vehicle	161	Unappr.	0	0	140	0	0	0	140
Total				<b>\$ 6,289</b>	<b>\$ 17,400</b>	<b>\$ 17,246</b>	<b>\$ 9,366</b>	<b>\$ 9,107</b>	<b>\$ 31,246</b>	<b>\$ 90,654</b>
Total Approved				<b>\$ 6,289</b>	<b>\$ 17,400</b>	<b>\$ 17,106</b>	<b>\$ 9,366</b>	<b>\$ 9,107</b>	<b>\$ 31,246</b>	<b>\$ 90,514</b>
Total Unapproved				<b>0</b>	<b>0</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>
Total				<b>\$ 6,289</b>	<b>\$ 17,400</b>	<b>\$ 17,246</b>	<b>\$ 9,366</b>	<b>\$ 9,107</b>	<b>\$ 31,246</b>	<b>\$ 90,654</b>

<b>PROJECT TITLE</b> <b>POLICE EVIDENCE AND PROPERTY FACILITY</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Police Department				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 13026	<b>ACCOUNT NO(S).</b> 652-1429-1302619	
<b>PROJECT DESCRIPTION</b> The purpose of this request is to build a new Police Evidence and Property facility. Wrongful conviction legislation and changes in the Statute of Limitation Laws have changed the retention laws for evidence and property, especially for DNA and Biological Evidence. This change in law requires DNA and other evidence to be kept longer, and our current facility is not capable of maintaining these storage levels. The current facility was built in 1982 before DNA was an investigative technique, and it does not meet the Department of Justice standards for storing DNA and Biological Evidence. These problems threaten the Police Department's ability to effectively prosecute violent crime. This request also includes Evidence Management software to properly document the chain of custody for all evidence as well as provide the ability to purge property and evidence as soon as legally permitted.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel 3,000 Operations Capital Total \$ <u>  3,000  </u>				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss. \$ 16,502,000 2019 Bond Fund 1,200,000	
Design		1,234	360	144				1,738		
Land/Right-of-Way										
Construction		20	9,804	4,629				14,453		
Equip. & Furnish.				693				693		
Other		468	290	60				818		
<b>TOTAL COSTS</b>		1,722	10,454	5,526				17,702		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>17,702,000</u> UNFUNDED \$ _____ PROJECT TOTAL \$ <u>17,702,000</u>	
Current Funds										
GO's/Com. Paper Issued	1,200							1,200		
GO's Unissued		522	10,454	5,526				16,502		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	1,200	522	10,454	5,526				17,702	<b>PROJECT SCHEDULE</b> Design 11/2019 10/2022 Land/Right-of-Way Construction 04/2021 10/2022 <b>TOTAL SCHEDULE</b> 11/2019 10/2022	

<b>PROJECT TITLE</b> <b>SIMUMITIONS TRAINING FACILITY AND RANGE IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Police Department				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 13027		<b>ACCOUNT NO(S).</b> 652-1429-1302719	
<b>PROJECT DESCRIPTION</b> Improve existing gun range and construct a building to consist of a classroom, restrooms, and offices.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> There will be an impact on operating and utility costs associated with the new building and the expansion of the gun range.							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design				234	80	10			324	2019 Bond Fund Uniss. \$ 3,000,000	
Land/Right-of-Way											
Construction				4	2,397	28			2,429		
Equip. & Furnish.					109				109		
Other				83	48	7			138		
<b>TOTAL COSTS</b>				321	2,634	45			3,000		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 3,000,000</b>	
Current Funds										<b>UNFUNDED \$ _____</b>	
GO's/Com. Paper Issued										<b>PROJECT TOTAL \$ 3,000,000</b>	
GO's Unissued				321	2,634	45			3,000		
RB's/Com. Paper											
Certificates of Obligation										<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	<b>FINISH</b>
<b>Unfunded</b>										Design	01/2021 05/2023
<b>TOTAL SOURCES</b>				321	2,634	45			3,000	Land/Right-of-Way	
										Construction	04/2021 05/2023
										<b>TOTAL SCHEDULE</b>	01/2021 05/2023

<b>PROJECT TITLE</b> <b>POLICE STATION SECURITY IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Police Department				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 13028	<b>ACCOUNT NO(S).</b> 652-1429-1302819	
<b>PROJECT DESCRIPTION</b> Repair and expand current Police Station facility while also improving security of parking lot and auto pound, adding security cameras around exterior of facility, and redesigning front reception area desk.								<b>PROJECT MAP</b> 		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> There will be an impact on utility and operating costs associated with the facility expansion.				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 2,000,000
Design			100	89	10				199	
Land/Right-of-Way										
Construction				1,663	20				1,683	
Equip. & Furnish.				25					25	
Other			45	42	6				93	
<b>TOTAL COSTS</b>			145	1,819	36				2,000	
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued			145	1,819	36				2,000	
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>			145	1,819	36				2,000	
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	04/2020	05/2022
								Land/Right-of-Way		
<b>Unfunded</b>								Construction	07/2021	05/2022
<b>TOTAL SOURCES</b>								<b>TOTAL SCHEDULE</b>	04/2020	05/2022
								TOTAL FUNDED	\$ 2,000,000	
								UNFUNDED	\$ _____	
								PROJECT TOTAL	\$ 2,000,000	

<b>PROJECT TITLE</b> <b>REPLACE FIRE APPARATUS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 12058		<b>ACCOUNT NO(S).</b> 691-1399-1205819 692-1399-1205819	
<b>PROJECT DESCRIPTION</b> Provide funds for the regular replacement of front-line fire apparatus. Front-line apparatus is subsequently used as reserve fire apparatus as needed. The finishing of the build-out for the units purchased through the 2019 CIP is included in 2020.  The following units will be replaced in future years: one heavy rescue vehicle in 2021; one mobile command unit in 2023; three engines and one truck in 2025; one truck in 2026; two engines in 2027; and, two engines and one truck in 2029.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				A defined methodology is used to determine the greatest cost benefit and service effectiveness to the City for fire apparatus replacement. Based on empirical modeling, older front-line equipment will be replaced and moved to reserve status and older reserve apparatus will be removed from service. Fleet Services has performed the approval evaluations for replacement.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design										2020 Certificates of Obligation \$ 396,000	
Land/Right-of-Way										Cert. of Oblig. Issued 8,643,838	
Construction										Current Funds 1,828,000	
Equip. & Furnish.		10,472	396	2,333		2,721		17,207	33,129		
Other											
<b>TOTAL COSTS</b>		10,472	396	2,333		2,721		17,207	33,129		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds		1,828							1,828	TOTAL FUNDED \$ 10,867,838	
GO's/Com. Paper Issued										UNFUNDED \$ 22,261,000	
GO's Unissued										PROJECT TOTAL \$ 33,128,838	
RB's/Com. Paper											
Certificates of Obligation		8,644	396						9,040	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>				2,333		2,721		17,207	22,261	<b>FINISH</b>	
<b>TOTAL SOURCES</b>		10,472	396	2,333		2,721		17,207	33,129	<b>TOTAL SCHEDULE</b> (Ongoing Project)	

<b>PROJECT TITLE</b> <b>REBUILD/RELOCATE FIRE STATION NO. 7</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 12099		<b>ACCOUNT NO(S).</b> 642-1429-1209904 652-1429-1209919	
<b>PROJECT DESCRIPTION</b> Rebuild/Relocate Fire Station No. 7 (approximately 5,957 sq. ft., built in 1985), located at 2545 Naaman School Road. The best location to meet standards of cover to maximize response efficiencies and effectiveness is being analyzed with consideration given to future economic development and road construction in the area.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Building and mechanical need updating and replacing to prolong building life. More space is needed to accommodate operational services. Operational impacts should be minimal due to inefficiencies of current mechanical systems. More cost-efficient and sustainable designs will be sought in new station.			
<b>FUNDING SOURCE(S)</b>								2004 Bond Fund Uniss.      \$    425,000 2019 Bond Fund Uniss.      7,810,000			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design			246	105			70	96	517		
Land/Right-of-Way			500						500		
Construction							2,357	3,916	6,273		
Equip. & Furnish.								567	567		
Other			47	135			188	8	378		
<b>TOTAL COSTS</b>			793	240			2,615	4,587	8,235		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued			793	240			2,615	4,587	8,235		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>			793	240			2,615	4,587	8,235		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		07/2020	12/2025
								Land/Right-of-Way		03/2020	12/2020
								Construction		07/2024	12/2025
<b>TOTAL SCHEDULE</b>										03/2020	12/2025
								<b>TOTAL FUNDED</b>		\$ <u>8,235,000</u>	
								<b>UNFUNDED</b>		\$ _____	
								<b>PROJECT TOTAL</b>		\$ <u>8,235,000</u>	

<b>PROJECT TITLE</b> <b>RELOCATE FIRE STATION NO. 1</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 12101		<b>ACCOUNT NO(S).</b> 642-1429-1210104 652-1429-1210119	
<b>PROJECT DESCRIPTION</b> Rebuild and relocate Fire Station No. 1 (approximately 10,614 sq. ft., built in 1967), currently located at 1019 Austin Street. The best location to meet standards of cover to maximize response efficiencies and effectiveness is being analyzed with consideration given to future economic development and road construction in the area.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact   Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Structural concerns need to be closely monitored over the coming years of occupancy, and repairs may be costly. The land area available in the Downtown area is very limited.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 11,246,000	
Design			310		607	394	113		1,424	2004 Bond Fund                      600,000	
Land/Right-of-Way			1,086						1,086	2019 Bond Fund                      720,000	
Construction					8	4,360	4,459		8,827		
Equip. & Furnish.							761		761		
Other			5		241	186	36		468		
<b>TOTAL COSTS</b>			1,401		856	4,940	5,369		12,566		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>12,566,000</u>	
Current Funds										UNFUNDED                      \$ _____	
GO's/Com. Paper Issued		1,320							1,320	PROJECT TOTAL      \$ <u>12,566,000</u>	
GO's Unissued			81		856	4,940	5,369		11,246		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		1,320	81		856	4,940	5,369		12,566	<b>PROJECT SCHEDULE</b>	
										<b>START</b>	<b>FINISH</b>
										Design	03/2020      11/2024
										Land/Right-of-Way	03/2020      12/2020
										Construction	07/2022      11/2024
										<b>TOTAL SCHEDULE</b>	03/2020      11/2024

<b>PROJECT TITLE</b> <b>RELOCATE FIRE STATION NO. 6</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 7	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 12104		<b>ACCOUNT NO(S).</b> 652-1429-1210419	
<b>PROJECT DESCRIPTION</b> Relocate and rebuild Fire Station No. 6 (approximately 5,831 sq. ft., built in 1980), currently located at 2009 Holford Road. The best location to meet standards of cover to maximize response efficiencies and effectiveness is being analyzed with consideration given to future economic development and road construction in the area.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Undetermined foundation issues are a concern. The cost of repairs versus future plans of response models and economic development will be of consideration as the building ages. Operational impacts should be minimal due to inefficiencies of current mechanical systems. More cost-efficient and sustainable designs will be sought in new station.			
<b>*PROJECT COSTS</b>								<b>FUNDING SOURCE(S)</b>			
	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.	\$ 7,552,000	
Design		247	370	114	19			750	2019 Bond Fund	1,320,000	
Land/Right-of-Way		1,786						1,786			
Construction		1	26	5,381	66			5,474			
Equip. & Furnish.				512				512			
Other		72	185	77	16			350			
<b>TOTAL COSTS</b>		2,106	581	6,084	101			8,872			
<b>*SOURCE OF FUNDS</b>								TOTAL FUNDED \$ <u>8,872,000</u>			
Current Funds									UNFUNDED	\$ _____	
GO's/Com. Paper Issued	1,320							1,320	PROJECT TOTAL	\$ <u>8,872,000</u>	
GO's Unissued		786	581	6,084	101			7,552			
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									Design	07/2020 05/2023	
Other									Land/Right-of-Way	03/2020 09/2020	
<b>Unfunded</b>									Construction	01/2022 05/2023	
<b>TOTAL SOURCES</b>	1,320	786	581	6,084	101			8,872	<b>TOTAL SCHEDULE</b>	03/2020 05/2023	

<b>PROJECT TITLE</b> <b>AMBULANCE REPLACEMENT</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 12107		<b>ACCOUNT NO(S).</b> 691-1399-1210700 691-1399-1210720	
<b>PROJECT DESCRIPTION</b> Purchase of three new ambulances for ambulance replacement in 2020. Specific evaluations by Fleet Services and Fire will determine specific units.  Future years include the replacement of the following ambulances: three units in 2021; two units in 2022; three units in 2023; two units in 2024; three units in 2025; three units in 2026; two units in 2027; three units in 2028; and, two units in 2029.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> CIP continuance for ambulance replacement maintains front-line fleet and reserve fleet. The reserve fleet maintains front-line capabilities and "ready" status for local responses, response agreements, and MOUs in the county, region, and state. Replacing older units will increase operational efficiencies in maintenance and reliability. Fleet Services has reviewed and approved units selected for replacement.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design										2020 Certificates of Obligation \$ 1,238,000	
Land/Right-of-Way										Cert. of Oblig. Issued 2,454,000	
Construction										Current Funds 1,562,518	
Equip. & Furnish.		4,017	1,238	1,337	962	1,559	1,123	9,137	19,373		
Other											
<b>TOTAL COSTS</b>		4,017	1,238	1,337	962	1,559	1,123	9,137	19,373		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds		1,563							1,563	TOTAL FUNDED \$ 5,254,518	
GO's/Com. Paper Issued										UNFUNDED \$ 14,118,000	
GO's Unissued										PROJECT TOTAL \$ 19,372,518	
RB's/Com. Paper											
Certificates of Obligation		2,454	1,238						3,692	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>				1,337	962	1,559	1,123	9,137	14,118	<b>FINISH</b>	
<b>TOTAL SOURCES</b>		4,017	1,238	1,337	962	1,559	1,123	9,137	19,373	<b>TOTAL SCHEDULE</b> (Ongoing Project)	

<b>PROJECT TITLE</b> <b>EMERGENCY RESPONSE SAFETY EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 12108	<b>ACCOUNT NO(S).</b> 691-1399-1210818 691-1399-1210820	
<b>PROJECT DESCRIPTION</b> 2020 project funding is requested for self-contained breathing apparatus (SCBA) - 160 SCBAs with 370 SCBA bottles to replace current inventory of Fire and other City departments whom we support. This includes built-in personal thermal imaging devices, quick connect for Rapid Intervention Company access, bluetooth communication compatible with Motorola, and any ancillary equipment needed for testing and maintenance if manufacturers were changed. This also includes an SCBA fill station for Station No. 1 to replace the current unit which has reached end-of-life.  Future years include thermal imager replacements requested for years 2021 and 2027 and 19 Cardiac monitors requested for year 2022, which includes a five-year warranty and initial disposable cuffs, all cables, and batteries.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Maintenance for requested equipment.		
<b>FUNDING SOURCE(S)</b>								2020 Certificates of Obligation \$ 2,328,000 CF/Interest 322,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design										
Land/Right-of-Way										
Construction										
Equip. & Furnish.	322	2,328	315	1,008			315	4,288		
Other										
<b>TOTAL COSTS</b>	322	2,328	315	1,008			315	4,288		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	322							322		
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation		2,328						2,328		
Other										
<b>Unfunded</b>			315	1,008			315	1,638		
<b>TOTAL SOURCES</b>	322	2,328	315	1,008			315	4,288		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)
								<b>TOTAL FUNDED</b>	\$ 2,650,000	
								<b>UNFUNDED</b>	\$ 1,638,000	
								<b>PROJECT TOTAL</b>	\$ 4,288,000	

## **Unapproved Submitted Projects**

<b>PROJECT TITLE</b> <b>EVENT RESPONSE VEHICLE</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Fire Department				<b>PROJECT STATUS</b> Unfunded Project				<b>PROJECT NO(S).</b> 12111	<b>ACCOUNT NO(S).</b> 691-1399-1211100		
<b>PROJECT DESCRIPTION</b> Purchase of a Med-Stat mini all-terrain ambulance for medical response and transportation at City-held special events and trail area medical calls. Currently, the department has an older off-road open-air unit. The unit requested would be climate controlled and have hard sides for patient privacy and comfort.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Ongoing maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	\$		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.				140				140			
Other											
<b>TOTAL COSTS</b>				140				140			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>				140				140			
<b>TOTAL SOURCES</b>				140				140			
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design			
								Land/Right-of-Way			
								Construction			
<b>TOTAL SCHEDULE</b>								04/2022	12/2022		

**TOTAL FUNDED**    \$ \_\_\_\_\_  
**UNFUNDED**        \$    140,000  
**PROJECT TOTAL**    \$    140,000

**Economic Development  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b>Engineering</b>											
10046	Land/Property Acquisition	164	INT	\$ 183	\$ 972	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,155
10510	Downtown Infrastructure and Intersection Improvements	165	CO, GOB04, GOB19	0	432	1,040	4,099	2,525	0	0	8,096
<b>Planning</b>											
10027	Downtown Streetscapes & Redevelopment	166	CF, CO, UF, GOB19, OTHER	1,650	843	781	2,419	1,424	0	0	7,117
10042	Downtown Gateways	167	GOB04	126	0	0	302	372	0	0	800
10043	Downtown Square Design & Construction	168	INT, GOB04, GOB19	574	506	734	2,741	1,858	0	0	6,413
10044	Forest/Jupiter Streetscape	169	GOB04	0	0	100	880	0	0	0	980
10049	Commercial Corridor Revitalization	170	GOB04, GOB19	110	100	3,065	2,725	0	0	0	6,000
10511	Rosehill Road Power Lines	171	CO20, UF	0	1,100	0	0	0	0	0	1,100
10512	Downtown Parking Lots	172	CF, UF	0	246	658	328	0	0	0	1,232
10220	Neighborhood Vitality Program	173	CF, CO, GOB04, GOB19	3,846	1,915	1,065	1,000	1,089	1,000	2,200	12,115
10509	Rosehill Streetscape & Public Improvements	174	CO20, CO, UF	486	1,527	0	0	0	0	0	2,013
10515	Economic Development & Redevelopment Program	175	GOB19	0	1,722	3,489	3,644	3,807	3,963	8,375	25,000
10800	Land Acquisition & Parcel Assemblage Program	176	CF, GOB04, GOB19	11,874	1,884	1,954	2,041	2,132	2,219	4,690	26,794
<b>Parks, Recreation &amp; Cultural Arts</b>											
10127	Walnut Street Pedestrian Corridor	177	INT, CO, OTHER	1,403	55	0	0	0	0	0	1,458
Total				<u>\$ 20,252</u>	<u>\$ 11,302</u>	<u>\$ 12,886</u>	<u>\$ 20,179</u>	<u>\$ 13,207</u>	<u>\$ 7,182</u>	<u>\$ 15,265</u>	<u>\$ 100,273</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 13,159	\$ 2,565	\$ 296	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,020
Total 2020 Certificate of Obligation				0	2,000	0	0	0	0	0	2,000
Total Unfunded				0	0	671	328	0	0	0	999
Total 2004 Bond Program				7,093	2,071	5,183	4,192	461	0	0	19,000
Total 2019 Bond Program				0	4,666	6,736	15,659	12,746	7,182	15,265	62,254
Total				<u>\$ 20,252</u>	<u>\$ 11,302</u>	<u>\$ 12,886</u>	<u>\$ 20,179</u>	<u>\$ 13,207</u>	<u>\$ 7,182</u>	<u>\$ 15,265</u>	<u>\$ 100,273</u>

**Economic Development  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b>Engineering</b>										
10510	Downtown Infrastructure and Intersection Improvements	165	Appr.	\$ 350	\$ 1,040	\$ 4,099	\$ 2,525	\$ 0	\$ 0	\$ 8,014
<b>Planning</b>										
10027	Downtown Streetscapes & Redevelopment	166	Appr.	260	620	2,419	1,424	0	0	4,723
10042	Downtown Gateways	167	Appr.	0	0	0	350	0	0	350
10043	Downtown Square Design & Construction	168	Appr.	244	734	2,741	1,858	0	0	5,577
10044	Forest/Jupiter Streetscape	169	Appr.	0	100	880	0	0	0	980
10049	Commercial Corridor Revitalization	170	Appr.	100	3,065	2,725	0	0	0	5,890
10511	Rosehill Road Power Lines	171	Appr.	1,100	0	0	0	0	0	1,100
10512	Downtown Parking Lots	172	Appr.	0	588	328	0	0	0	916
10220	Neighborhood Vitality Program	173	Appr.	800	1,000	1,000	1,000	1,000	2,200	7,000
10509	Rosehill Streetscape & Public Improvements	174	Appr.	900	0	0	0	0	0	900
10515	Economic Development & Redevelopment Program	175	Appr.	1,722	3,489	3,644	3,807	3,963	8,375	25,000
10800	Land Acquisition & Parcel Assemblage Program	176	Appr.	1,884	1,954	2,041	2,132	2,219	4,690	14,920
Total				<u>\$ 7,360</u>	<u>\$ 12,590</u>	<u>\$ 19,877</u>	<u>\$ 13,096</u>	<u>\$ 7,182</u>	<u>\$ 15,265</u>	<u>\$ 75,370</u>
Total Approved				\$ 7,360	\$ 12,590	\$ 19,877	\$ 13,096	\$ 7,182	\$ 15,265	\$ 75,370
Total Unapproved				0	0	0	0	0	0	0
Total				<u>\$ 7,360</u>	<u>\$ 12,590</u>	<u>\$ 19,877</u>	<u>\$ 13,096</u>	<u>\$ 7,182</u>	<u>\$ 15,265</u>	<u>\$ 75,370</u>

<b>PROJECT TITLE</b> <b>LAND/PROPERTY ACQUISITION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Engineering				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 10046	<b>ACCOUNT NO(S).</b> 692-1409-1004600 692-1429-1004600		
<b>PROJECT DESCRIPTION</b> This program is intended to provide a means for the City to purchase land and/or property for redevelopment, with an emphasis on the Cooper Addition subdivision.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Interest                                    \$    675,000		
Design		30						30	CF/Interest                                480,000		
Land/Right-of-Way	183	942						1,125			
Construction											
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	183	972						1,155			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 1,155,000</b>		
Current Funds	480	675						1,155	<b>UNFUNDED        \$ _____</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$ 1,155,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	480	675						1,155	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design                                    10/2018    12/2020		
									Land/Right-of-Way                    10/2018    12/2020		
									Construction		
									<b>TOTAL SCHEDULE</b> 10/2018    12/2020		

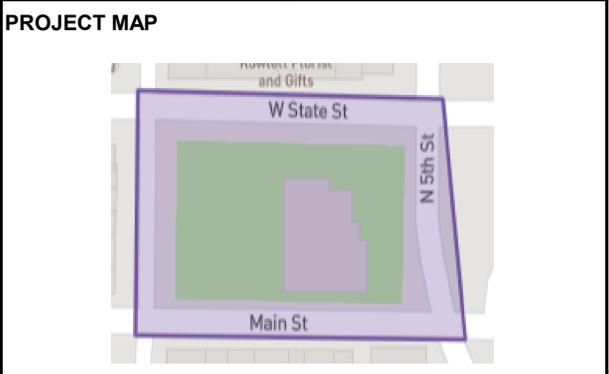
<b>PROJECT TITLE</b> <b>DOWNTOWN INFRASTRUCTURE AND INTERSECTION IMPROVEMENTS</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2
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<b>DEPARTMENT</b> Engineering	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 10510	<b>ACCOUNT NO(S).</b> 624-1429-1051004 651-1429-1051019
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**PROJECT DESCRIPTION**

In 2018, an infrastructure assessment and parking study was conducted in the Downtown Garland Square area, generally bounded by Fifth Street, Sixth Street, Main Street, and State Street. The assessment resulted in a conceptual plan with widened sidewalks and narrower streets around the Square. This project includes detailed design and construction of the streets, intersections, sidewalks, and parking immediately surrounding the Downtown Square. Project costs will vary based on final design. The utility programs will also contribute to the project in order to replace and upgrade underground utilities as needed.

The 2019 GO Bonds applied to this project are allocated from the Streets Catalyst Area Improvement funding approved in the 2019 Bond Program.



**IMPACT ON OPERATING BUDGET**

Will Impact      Annual Cost/(Savings):  
 Will Not Impact      Personnel  
# of Positions   0        Operations  
   Capital  
   Total      \$ \_\_\_\_\_

**IMPACT EXPLANATION**

**FUNDING SOURCE(S)**

2004 Bond Fund Uniss.	\$ 4,400,000
Cert. of Oblig. Issued	82,000
2019 Bond Fund Uniss.	3,614,200
<b>TOTAL FUNDED</b>	<b>\$ 8,096,200</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 8,096,200</b>

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design		420	289	125	120			954
Land/Right-of-Way								
Construction			721	3,856	2,332			6,909
Equip. & Furnish.								
Other		12	30	118	73			233
<b>TOTAL COSTS</b>		432	1,040	4,099	2,525			8,096
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued								
GO's Unissued		350	1,040	4,099	2,525			8,014
RB's/Com. Paper								
Certificates of Obligation	82							82
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>	82	350	1,040	4,099	2,525			8,096

PROJECT SCHEDULE	START	FINISH
Design	02/2018	12/2023
Land/Right-of-Way		
Construction	10/2021	12/2023
<b>TOTAL SCHEDULE</b>	<b>02/2018</b>	<b>12/2023</b>

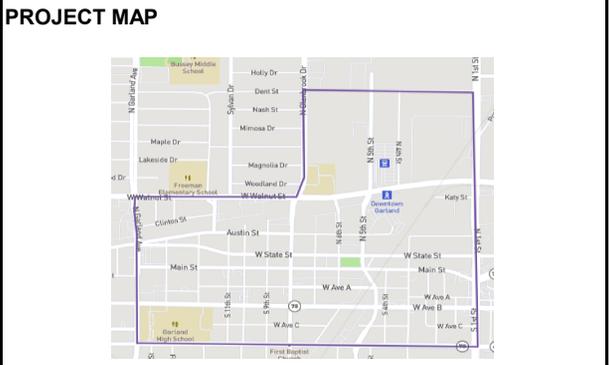
<b>PROJECT TITLE</b> <b>DOWNTOWN STREETSCAPES &amp; REDEVELOPMENT</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2																									
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 10027		<b>ACCOUNT NO(S).</b> 651-1509-1002719 692-1509-1002703																									
<b>PROJECT DESCRIPTION</b> This project will provide funding to implement pedestrian-oriented streetscape improvements linking the Downtown DART Station; the Downtown Square; the Richland College - Garland Campus; and primary business, entertainment, and public activity centers. Project elements include pedestrian lighting, brick paving of crosswalks, signage, wayfinding gateways, landscaping (canopy and ornamental trees, turf, groundcover, and flowers), and street furniture (benches and trash receptacles). Additional funding from the 2019 Bond Program will help to finish out the core of Downtown, completing streetscape connections from the Square to Avenue A, Walnut, Fifth, and Glenbrook.  The 2019 GO Bonds applied to this project are allocated from the Streets Catalyst Area Improvement funding approved in the 2019 Bond Program.								<b>PROJECT MAP</b>																											
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Amount of expense to the Operating Budget is undetermined. Additional costs could include increased utilities due to additional lighting and landscape and irrigation maintenance.																											
<b>FUNDING SOURCE(S)</b>								<table border="0"> <tr> <td>Cert. of Oblig. Issued</td> <td>\$</td> <td>1,946,000</td> </tr> <tr> <td>2019 Bond Fund Uniss.</td> <td></td> <td>4,639,800</td> </tr> <tr> <td>Hotel/Motel Transfer</td> <td></td> <td>255,000</td> </tr> <tr> <td>Current Funds</td> <td></td> <td>127,900</td> </tr> <tr> <td>Developer Part.</td> <td></td> <td>65,000</td> </tr> <tr> <td colspan="2"><b>TOTAL FUNDED</b></td> <td><b>\$ 7,033,700</b></td> </tr> <tr> <td colspan="2"><b>UNFUNDED</b></td> <td><b>\$ 83,000</b></td> </tr> <tr> <td colspan="2"><b>PROJECT TOTAL</b></td> <td><b>\$ 7,116,700</b></td> </tr> </table>				Cert. of Oblig. Issued	\$	1,946,000	2019 Bond Fund Uniss.		4,639,800	Hotel/Motel Transfer		255,000	Current Funds		127,900	Developer Part.		65,000	<b>TOTAL FUNDED</b>		<b>\$ 7,033,700</b>	<b>UNFUNDED</b>		<b>\$ 83,000</b>	<b>PROJECT TOTAL</b>		<b>\$ 7,116,700</b>
Cert. of Oblig. Issued	\$	1,946,000																																	
2019 Bond Fund Uniss.		4,639,800																																	
Hotel/Motel Transfer		255,000																																	
Current Funds		127,900																																	
Developer Part.		65,000																																	
<b>TOTAL FUNDED</b>		<b>\$ 7,033,700</b>																																	
<b>UNFUNDED</b>		<b>\$ 83,000</b>																																	
<b>PROJECT TOTAL</b>		<b>\$ 7,116,700</b>																																	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>																											
Design	345	253	206	126	107			1,037																											
Land/Right-of-Way																																			
Construction	1,103	583	560	2,223	1,276			5,745																											
Equip. & Furnish.	202							202																											
Other		7	15	70	41			133																											
<b>TOTAL COSTS</b>	<b>1,650</b>	<b>843</b>	<b>781</b>	<b>2,419</b>	<b>1,424</b>			<b>7,117</b>																											
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>																											
Current Funds	383							383																											
GO's/Com. Paper Issued																																			
GO's Unissued		260	537	2,419	1,424			4,640																											
RB's/Com. Paper																																			
Certificates of Obligation	1,946							1,946																											
Other	65							65																											
<b>Unfunded</b>			83					83																											
<b>TOTAL SOURCES</b>	<b>2,394</b>	<b>260</b>	<b>620</b>	<b>2,419</b>	<b>1,424</b>			<b>7,117</b>																											
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>																								
								Design																											
								Land/Right-of-Way																											
								Construction																											
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)																									

<b>PROJECT TITLE</b> <b>DOWNTOWN GATEWAYS</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2
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<b>DEPARTMENT</b> Planning & Community Development	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 10042	<b>ACCOUNT NO(S).</b> 643-1509-1004204
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**PROJECT DESCRIPTION**

This project will allow for the design and construction of gateways at critical entry points to Downtown Garland in conjunction with the Downtown Wayfinding Program. Gateways aid in wayfinding and orientation for both residents and visitors and clue them that they are entering or leaving a special area. Gateway treatments may include monuments, walls, enhanced landscaping, special paving, signage, or any combination of these.



**IMPACT ON OPERATING BUDGET**

Will Impact  
 Will Not Impact  
 # of Positions 0

Annual Cost/(Savings):  
 Personnel \_\_\_\_\_  
 Operations \_\_\_\_\_  
 Capital \_\_\_\_\_  
 Total \$ \_\_\_\_\_

**IMPACT EXPLANATION**

Operating expenses will be incurred for landscape and irrigation maintenance and plant material replacement. Amount of expense is undetermined, as it is dependent on the type of treatments used, especially relative to the amount of landscaping.

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design	123				22			145
Land/Right-of-Way								
Construction	3			302	350			655
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>	126			302	372			800
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued	450							450
GO's Unissued					350			350
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>	450				350			800

2004 Bond Fund Uniss.	\$	350,000
2004 Bond Fund		450,000
<b>TOTAL FUNDED</b>	\$	<u>800,000</u>
<b>UNFUNDED</b>	\$	<u>          </u>
<b>PROJECT TOTAL</b>	\$	<u>800,000</u>

PROJECT SCHEDULE	START	FINISH
Design	06/2016	12/2023
Land/Right-of-Way		
Construction	03/2022	12/2023
<b>TOTAL SCHEDULE</b>	06/2016	12/2023

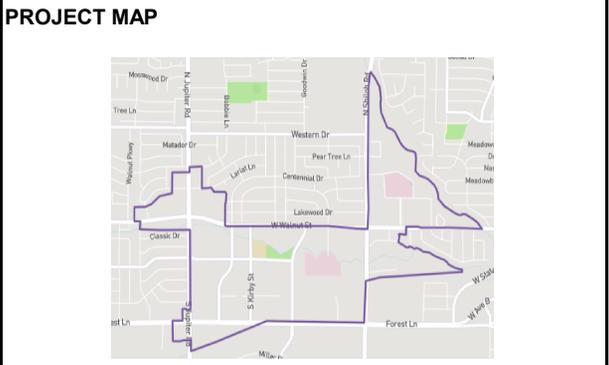
<b>PROJECT TITLE</b> <b>DOWNTOWN SQUARE DESIGN &amp; CONSTRUCTION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 10043		<b>ACCOUNT NO(S).</b> 643-1429-1004304 654-1429-1004319	
<b>PROJECT DESCRIPTION</b> This project aims to activate the Downtown Plaza, promote a pedestrian-friendly environment, and spur economic investment in support of the central business district and growing residential area within Downtown. A redesign effort will result in a conceptual plan as well as detailed construction drawings for the Plaza within the Downtown Square, bounded by State Street, Fifth Street, Main Street, and Sixth Street. Design concepts will explore raising the grade of the Plaza to street level and creating a more flexible and functional space for large events as well as individual activity. This project is a component of the Downtown Redevelopment Plan and will be implemented in conjunction with the Downtown Infrastructure and Intersection Improvements, Downtown Streetscapes, and Downtown Gateways projects.  The 2019 GO Bonds applied to this project are allocated from the Parks Catalyst Area Improvement funding approved in the 2019 Bond Program.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				The impact on the Operating Budget cannot be determined until a design is finalized.			
<b>FUNDING SOURCE(S)</b>											
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss. \$ 577,000	
Design		574	492	199	83	83			1,431	2019 Bond Fund Uniss. 5,000,000	
Land/Right-of-Way										2004 Bond Fund 823,000	
Construction				514	2,579	1,721			4,814	CF/Interest 13,000	
Equip. & Furnish.											
Other			14	21	79	54			168		
<b>TOTAL COSTS</b>		574	506	734	2,741	1,858			6,413		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 6,413,000	
Current Funds		13							13	UNFUNDED \$ _____	
GO's/Com. Paper Issued		823							823	PROJECT TOTAL \$ 6,413,000	
GO's Unissued			244	734	2,741	1,858			5,577		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		836	244	734	2,741	1,858			6,413		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		10/2010	12/2023
								Land/Right-of-Way			
								Construction		10/2021	12/2023
<b>TOTAL SCHEDULE</b>										10/2010	12/2023

<b>PROJECT TITLE</b> <b>FOREST/JUPITER STREETSCAPE</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 6
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<b>DEPARTMENT</b> Planning & Community Development	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 10044	<b>ACCOUNT NO(S).</b> 643-1509-1004404
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**PROJECT DESCRIPTION**

This project will provide pedestrian-oriented streetscape improvements linking the Forest/Jupiter DART Station with nearby employment centers, businesses, and residential neighborhoods. Project elements will include enhanced sidewalks, pedestrian lighting, signage, and landscaping (trees, turf, groundcover, and flowers). Improvements will be coordinated with implementation of the Forest/Jupiter Transit-Oriented Redevelopment Plan.



<b>IMPACT ON OPERATING BUDGET</b>	<b>IMPACT EXPLANATION</b>
<input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____	Operating expenses will be incurred for landscape and irrigation maintenance and plant material replacement. The amount of expense will be dependent on the type and extent of landscape treatment.

**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design			100					100
Land/Right-of-Way								
Construction				880				880
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>			100	880				980
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued								
GO's Unissued			100	880				980
RB's/Com. Paper								
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>			100	880				980

2004 Bond Fund Uniss.	\$	980,000
<b>TOTAL FUNDED</b>	\$	<u>980,000</u>
<b>UNFUNDED</b>	\$	_____
<b>PROJECT TOTAL</b>	\$	<u>980,000</u>

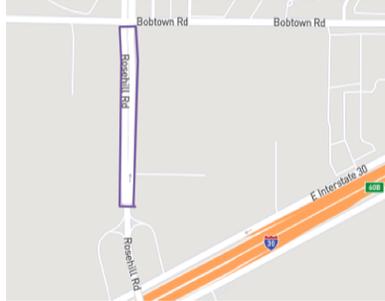
PROJECT SCHEDULE	START	FINISH
Design	01/2021	12/2021
Land/Right-of-Way		
Construction	01/2022	12/2022
<b>TOTAL SCHEDULE</b>	01/2021	12/2022

<b>PROJECT TITLE</b> <b>COMMERCIAL CORRIDOR REVITALIZATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 10049	<b>ACCOUNT NO(S).</b> 643-1509-1004904 651-1429-1004919	
<b>PROJECT DESCRIPTION</b> Funding will be distributed among older commercial transportation corridors for improvements to infrastructure, streetscape, and signage. This funding is in conjunction with an overall public/private improvement strategy for each selected corridor. The initial project is enhancement of the South First Street Corridor. The conceptual design phase of this project is complete. Phase Two will include preparation of construction documents and construction administration.  The 2019 GO Bonds applied to this project are allocated from the Streets Catalyst Area Improvement funding approved in the 2019 Bond Program for First Street Beautification.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>Operating expenses may be incurred for landscape and irrigation maintenance, plant material replacement, sign installation, and other improvements as identified in the individual corridor implementation strategies.</b>		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$ 2,890,000	
Design	110	100	300					510	2019 Bond Fund Uniss.      3,000,000	
Land/Right-of-Way									2004 Bond Fund              110,000	
Construction			2,765	2,725				5,490		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	110	100	3,065	2,725				6,000		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 6,000,000</b>	
Current Funds									<b>UNFUNDED          \$ _____</b>	
GO's/Com. Paper Issued	110							110	<b>PROJECT TOTAL      \$ 6,000,000</b>	
GO's Unissued		100	3,065	2,725				5,890		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	110	100	3,065	2,725				6,000		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	06/2007	12/2021
								Land/Right-of-Way		
								Construction	01/2021	12/2022
<b>TOTAL SCHEDULE</b>								06/2007	12/2022	

<b>PROJECT TITLE</b> <b>ROSEHILL ROAD POWER LINES</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3 and 4		
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 10511		<b>ACCOUNT NO(S).</b> 691-1509-1051100		
<b>PROJECT DESCRIPTION</b> This project will bury power lines along Rosehill Road between Bobtown Road and I.H. 30. Oncor will complete design and construction along the west side of the corridor, with a total estimated cost of \$1,100,000. GP&L will complete design and construction along the east side of the corridor within the GP&L Distribution Lines - Underground program.								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b>								
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design										2020 Certificates of Obligation \$ 1,100,000		
Land/Right-of-Way												
Construction			1,100						1,100			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>			1,100						1,100			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 1,100,000</b>		
Current Funds										<b>UNFUNDED \$ _____</b>		
GO's/Com. Paper Issued										<b>PROJECT TOTAL \$ 1,100,000</b>		
GO's Unissued												
RB's/Com. Paper												
Certificates of Obligation			1,100						1,100	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other										Design		
<b>Unfunded</b>										Land/Right-of-Way		
<b>TOTAL SOURCES</b>			1,100						1,100	Construction	01/2020	09/2020
										<b>TOTAL SCHEDULE</b>	01/2020	09/2020

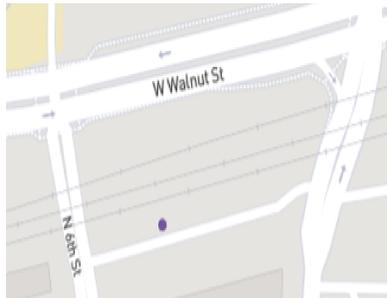
<b>PROJECT TITLE</b> <b>DOWNTOWN PARKING LOTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2		
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 10512	<b>ACCOUNT NO(S).</b> 952-1183-1051200		
<b>PROJECT DESCRIPTION</b> As Downtown continues to redevelop and draw more visitors, there is a need to increase public parking capacity. This project includes design and construction of public parking lots in Downtown Garland.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Downtown TIF Fund      \$      316,250		
Design		246						246			
Land/Right-of-Way											
Construction			658	328				986			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		246	658	328				1,232			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      316,250</b>		
Current Funds		316						316	<b>UNFUNDED      \$      916,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      1,232,250</b>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>			588	328				916	Design      03/2020      12/2020		
<b>TOTAL SOURCES</b>		316	588	328				1,232	Land/Right-of-Way		
									Construction      03/2021      12/2022		
									<b>TOTAL SCHEDULE</b> 03/2020      12/2022		

<b>PROJECT TITLE</b> <b>NEIGHBORHOOD VITALITY PROGRAM</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b>			
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 10220		<b>ACCOUNT NO(S).</b> 643-1509-1003404 643-1509-1012104			
<b>PROJECT DESCRIPTION</b> The Neighborhood Vitality Grant Program is designed to provide assistance with specific neighborhood projects that provide a public benefit and thereby promote a stronger, safer, and healthier community. The City enters into agreements with organized, active, registered homeowner and neighborhood associations or groups for the specific purpose of completing a neighborhood improvement project within the city of Garland. The program also proactively seeks projects in the community and engages with residents to create permanent improvements in their neighborhoods and surrounding areas via Neighborhood Enhancement (staff) projects.								<b>PROJECT MAP</b>					
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>								<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued            \$      65,000			
Design		3,846							3,846	2019 Bond Fund Uniss.            7,000,000			
Land/Right-of-Way										2004 Bond Fund                    5,000,000			
Construction			1,915	1,065	1,000	1,089	1,000	2,200	8,269	Contributions                      50,459			
Equip. & Furnish.													
Other													
<b>TOTAL COSTS</b>		3,846	1,915	1,065	1,000	1,089	1,000	2,200	12,115				
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$ <u>12,115,459</u>			
Current Funds		50							50	UNFUNDED                    \$ _____			
GO's/Com. Paper Issued		5,000							5,000	PROJECT TOTAL            \$ <u>12,115,459</u>			
GO's Unissued			800	1,000	1,000	1,000	1,000	2,200	7,000				
RB's/Com. Paper													
Certificates of Obligation		65							65	<b>PROJECT SCHEDULE</b>			
Other										<b>START</b>			
<b>Unfunded</b>										<b>FINISH</b>			
<b>TOTAL SOURCES</b>		5,115	800	1,000	1,000	1,000	1,000	2,200	12,115	<b>TOTAL SCHEDULE</b>			
										(Ongoing      Project)			

<b>PROJECT TITLE</b> <b>ROSEHILL STREETScape &amp; PUBLIC IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3 and 4	
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 10509		<b>ACCOUNT NO(S).</b> 691-1409-1431219 691-1509-1050900	
<b>PROJECT DESCRIPTION</b> In 2020, this project will provide streetscape in the Rosehill Targeted Investment Area approved by City Council in July 2017. The streetscape project provides landscaping, crosswalks, sidewalks, street lighting, and street furniture along Rosehill Road between Bobtown Road and I.H. 30.  Additionally, the Requested Public Improvements, as authorized in the Rosehill Development Agreement, approved by City Council on July 19, 2018, will include access roads, drainage improvements, erosion control, and utilities, in an amount up to \$963,000 as detailed in Rosehill Development Agreement, Exhibit "C" - Conceptual Opinion of Probable Costs. This project was approved by City Council through the 2018 Capital Improvement Program Budget Amendment No. 3 and is anticipated to be completed in 2020.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> Operating expenses will be incurred for landscape and irrigation maintenance and plant material replacement. The amount of expense will be dependent on the type and extent of landscape treatment.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 900,000	
Design		40	160						200	Cert. of Oblig. Issued 1,113,000	
Land/Right-of-Way											
Construction		446	1,367						1,813		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		486	1,527						2,013		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>2,013,000</u>	
Current Funds										UNFUNDED \$ _____	
GO's/Com. Paper Issued										PROJECT TOTAL \$ <u>2,013,000</u>	
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation		1,113	900						2,013	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>										<b>FINISH</b>	
<b>TOTAL SOURCES</b>		1,113	900						2,013	Design 02/2019 12/2020	
										Land/Right-of-Way	
										Construction 02/2019 12/2020	
										<b>TOTAL SCHEDULE</b> 02/2019 12/2020	

<b>PROJECT TITLE</b> <b>ECONOMIC DEVELOPMENT &amp; REDEVELOPMENT PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 10515	<b>ACCOUNT NO(S).</b> 656-1429-1051519		
<b>PROJECT DESCRIPTION</b> Funding to facilitate new development, redevelopment and revitalization of commercial, industrial, retail, residential, and mixed-use development throughout the city, such as corridor and facade improvements, land acquisition, and other investments that promote development and redevelopment within the community.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 25,000,000		
Design											
Land/Right-of-Way											
Construction		1,722	3,489	3,644	3,807	3,963	8,375	25,000			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		1,722	3,489	3,644	3,807	3,963	8,375	25,000			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>25,000,000</u>		
Current Funds									UNFUNDED            \$ _____		
GO's/Com. Paper Issued									PROJECT TOTAL      \$ <u>25,000,000</u>		
GO's Unissued		1,722	3,489	3,644	3,807	3,963	8,375	25,000			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>		1,722	3,489	3,644	3,807	3,963	8,375	25,000	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>LAND ACQUISITION &amp; PARCEL ASSEMBLAGE PROGRAM</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Planning & Community Development				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 10800	<b>ACCOUNT NO(S).</b> 644-1429-1003204 644-1509-1005104		
<b>PROJECT DESCRIPTION</b> This project will provide funding for an undesignated acquisition of properties deemed essential to the implementation of economic development projects. Land acquisition in 2018 included the abandoned Hypermart property and undeveloped land to preserve the opportunity to facilitate the implementation of the I.H. 30 - Rose Hill Catalyst Area Plan.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2004 Bond Fund Uniss.      \$    920,000		
Design									2019 Bond Fund Uniss.      14,000,000		
Land/Right-of-Way	11,874	1,884	1,954	2,041	2,132	2,219	4,690	26,794	2004 Bond Fund              2,500,000		
Construction									E.D. Reserve Transfer      4,763,654		
Equip. & Furnish.									General Fund Transfer      4,610,638		
Other											
<b>TOTAL COSTS</b>	11,874	1,884	1,954	2,041	2,132	2,219	4,690	26,794			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 26,794,292</b>		
Current Funds	9,374							9,374	<b>UNFUNDED          \$ _____</b>		
GO's/Com. Paper Issued	2,500							2,500	<b>PROJECT TOTAL      \$ 26,794,292</b>		
GO's Unissued		1,884	1,954	2,041	2,132	2,219	4,690	14,920			
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>											
<b>TOTAL SOURCES</b>	11,874	1,884	1,954	2,041	2,132	2,219	4,690	26,794	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>WALNUT STREET PEDESTRIAN CORRIDOR</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2			
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 10127	<b>ACCOUNT NO(S).</b> 692-2499-1012700			
<b>PROJECT DESCRIPTION</b> This project will provide funding to establish a pedestrian corridor/linear open space on the south side of Walnut Street, north of the DART line, between Fifth Street and Glenbrook Drive. The project will complement and link public and private projects including the Downtown Rail Station, 5th Street Crossing, the Richland College - Garland Campus, the Granville Arts Center, the Central Library, and Downtown streetscape enhancement. The project will include landscaping (trees, turf, and groundcover), sidewalks, fencing, enhanced pavement, and street furniture (benches and trash receptacles) to facilitate pedestrian access and respite. The remaining balance shown on the project will be retained for additional re-seeding of native grass areas in the spring of 2020, if needed. Upon completion of the re-seeding, the project will be closed.								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 20,000 Capital Total \$ 20,000				<b>IMPACT EXPLANATION</b> Operating expenses will be incurred for landscape and irrigation maintenance, litter collection, and plant material replacement.				
<b>FUNDING SOURCE(S)</b>												
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Eastgate Residual	\$ 104,000	
Design		172							172	Other	100,000	
Land/Right-of-Way										Cert. of Oblig. Issued	35,000	
Construction		1,231	55						1,286	CF/Interest	1,219,000	
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>		1,403	55						1,458			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 1,458,000</b>		
Current Funds		1,219							1,219	<b>UNFUNDED \$</b>		
GO's/Com. Paper Issued										<b>PROJECT TOTAL \$ 1,458,000</b>		
GO's Unissued												
RB's/Com. Paper												
Certificates of Obligation		35							35	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other		204							204	Design	03/2011	05/2018
<b>Unfunded</b>										Land/Right-of-Way		
<b>TOTAL SOURCES</b>		1,458							1,458	Construction	10/2018	06/2020
										<b>TOTAL SCHEDULE</b>	<b>03/2011</b>	<b>06/2020</b>

**Municipal Facilities and Miscellaneous Tax Supported  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b><u>Facilities Management</u></b>											
16037	HVAC Replacement/Upgrade	180	CO, UF	\$ 2,172	\$ 350	\$ 350	\$ 250	\$ 250	\$ 250	\$ 0	\$ 3,622
16038	Roof Replacement	181	CO20, CF, CO, UF	1,208	1,931	400	300	300	300	0	4,439
16039	Facilities Upgrades	182	CO20, CF, CO, UF	1,605	400	400	400	400	400	0	3,605
16057	Fire Alarm, Fire Safety and Security Systems	183	INT, CO20, CF, CO, UF	368	200	200	200	200	200	0	1,368
16062	Parking Lot Upgrades	184	CO, UF	477	250	250	250	250	250	0	1,727
16068	Garland Animal Shelter & Adoption Facility	185	UF, GOB19	53	1,927	13,820	0	0	0	0	15,800
16105	Street Department Facility Renovation	186	GOB19	0	324	3,124	52	0	0	0	3,500
16106	Transportation Maintenance and Operations Facility Renovation	187	GOB19	0	212	79	2,189	20	0	0	2,500
<b><u>Public &amp; Media Relations</u></b>											
16082	CGTV - Upgrades	188	PEG	2,348	430	344	0	0	0	0	3,122
<b><u>Firewheel</u></b>											
36530	Firewheel Golf Park Improvements	189	INT, CF, CO, UF, OTHER	1,395	185	150	150	150	150	0	2,180
36531	Firewheel Golf Park Cart Replacements	190	TAN, CO, UF	1,009	0	0	402	700	0	0	2,111
<b><u>Street</u></b>											
39811	Infrastructure Equipment	191	CO, UF	2,096	0	500	500	500	500	0	4,096
39844	Equipment Covered Structures/Facility Pavement Improvements	192	CO20, CO, UF	0	1,000	0	0	0	0	0	1,000
Total				<u>\$ 12,731</u>	<u>\$ 7,209</u>	<u>\$ 19,617</u>	<u>\$ 4,693</u>	<u>\$ 2,770</u>	<u>\$ 2,050</u>	<u>\$ 0</u>	<u>\$ 49,070</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 12,678	\$ 4,140	\$ 344	\$ 4	\$ 0	\$ 0	\$ 0	\$ 17,166
Total 2020 Certificate of Obligation				0	606	0	0	0	0	0	606
Total Unfunded				0	0	6,050	2,448	2,750	2,050	0	13,298
Total 2019 Bond Program				53	2,463	13,223	2,241	20	0	0	18,000
Total				<u>\$ 12,731</u>	<u>\$ 7,209</u>	<u>\$ 19,617</u>	<u>\$ 4,693</u>	<u>\$ 2,770</u>	<u>\$ 2,050</u>	<u>\$ 0</u>	<u>\$ 49,070</u>

**Municipal Facilities and Miscellaneous Tax Supported  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b><u>Facilities Management</u></b>										
16037	HVAC Replacement/Upgrade	180	Appr.	\$ 0	\$ 350	\$ 250	\$ 250	\$ 250	\$ 0	\$ 1,100
16038	Roof Replacement	181	Appr.	26	400	300	300	300	0	1,326
16039	Facilities Upgrades	182	Appr.	40	400	400	400	400	0	1,640
16057	Fire Alarm, Fire Safety and Security Systems	183	Appr.	40	200	200	200	200	0	840
16062	Parking Lot Upgrades	184	Appr.	0	250	250	250	250	0	1,000
16068	Garland Animal Shelter & Adoption Facility	185	Appr.	1,480	13,820	0	0	0	0	15,300
16105	Street Department Facility Renovation	186	Appr.	324	3,124	52	0	0	0	3,500
16106	Transportation Maintenance and Operations Facility Renovation	187	Appr.	212	79	2,189	20	0	0	2,500
<b><u>Firewheel</u></b>										
36530	Firewheel Golf Park Improvements	189	Appr.	0	150	150	150	150	0	600
36531	Firewheel Golf Park Cart Replacements	190	Appr.	0	0	398	700	0	0	1,098
<b><u>Street</u></b>										
39811	Infrastructure Equipment	191	Appr.	0	500	500	500	500	0	2,000
39844	Equipment Covered Structures/Facility Pavement Improvements	192	Appr.	500	0	0	0	0	0	500
Total				<u>\$ 2,622</u>	<u>\$ 19,273</u>	<u>\$ 4,689</u>	<u>\$ 2,770</u>	<u>\$ 2,050</u>	<u>\$ 0</u>	<u>\$ 31,404</u>
Total Approved				\$ 2,622	\$ 19,273	\$ 4,689	\$ 2,770	\$ 2,050	\$ 0	\$ 31,404
Total Unapproved				0	0	0	0	0	0	0
Total				<u>\$ 2,622</u>	<u>\$ 19,273</u>	<u>\$ 4,689</u>	<u>\$ 2,770</u>	<u>\$ 2,050</u>	<u>\$ 0</u>	<u>\$ 31,404</u>

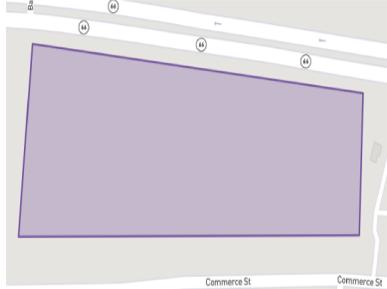
<b>PROJECT TITLE</b> <b>HVAC REPLACEMENT/UPGRADE</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16037		<b>ACCOUNT NO(S).</b> 692-4749-1603700	
<b>PROJECT DESCRIPTION</b> Continuation of an annual Capital Replacement Program which was implemented in 1994 to ensure that environmental controls for people and equipment are constantly maintained through the replacement of HVAC equipment as required at City facilities.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				Replacing units having met or exceeded expected useful lives will save the City's Operating Budget in three ways: 1) maintenance and repair costs allocated to General Fund departments via Facilities Management budget will be lower; 2) new units will be under a manufacturer's warranty period; 3) new units will be running on new refrigerant much cheaper than R-22 being phased out completely.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b> Cert. of Oblig. Issued      \$ 2,522,360	
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.		2,172	350	350	250	250	250		3,622		
Other											
<b>TOTAL COSTS</b>		2,172	350	350	250	250	250		3,622		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>2,522,360</u>	
Current Funds										UNFUNDED      \$ <u>1,100,000</u>	
GO's/Com. Paper Issued										PROJECT TOTAL      \$ <u><u>3,622,360</u></u>	
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation		2,522							2,522	<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	
<b>Unfunded</b>				350	250	250	250		1,100	<b>FINISH</b>	
<b>TOTAL SOURCES</b>		2,522		350	250	250	250		3,622	<b>TOTAL SCHEDULE</b> (Ongoing Project)	

<b>PROJECT TITLE</b> <b>ROOF REPLACEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16038	<b>ACCOUNT NO(S).</b> 692-4749-1603800	
<b>PROJECT DESCRIPTION</b> Continuation of an annual Capital Replacement Program which was implemented in 1992 to repair and/or replace those roofs on City facilities that are no longer watertight due to damage or exceeded life cycles. The principal objective is to follow the Roof Management Program designed to reduce the life cycle costs of City of Garland roofs through periodic, routine, condition inspections and assessments; planned maintenance, repairs, and replacements; and correct application of quality roofing products. In 2020, we will be reroofing the Police and Forensics buildings which will use a significant portion of the available funding.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Positive impact on the Operating Budget by reducing probability of damage to facilities, equipment, materials, work products, and records that would accompany stormwater invasion.		
<b>FUNDING SOURCE(S)</b>								2020 Certificates of Obligation \$ 26,000 Cert. of Oblig. Issued 2,912,757 Current Funds 200,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design										
Land/Right-of-Way										
Construction	1,208	1,931	400	300	300	300		4,439		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	1,208	1,931	400	300	300	300		4,439		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	200							200		
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	2,913	26						2,939		
Other										
<b>Unfunded</b>			400	300	300	300		1,300		
<b>TOTAL SOURCES</b>	3,113	26	400	300	300	300		4,439		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>FACILITIES UPGRADES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16039	<b>ACCOUNT NO(S).</b> 692-4749-1603900	
<b>PROJECT DESCRIPTION</b> Continuation of an annual Capital Program initiated in 1997. Provides funds to develop and execute immediate and long-range repair, alteration, revitalization, modification, and modernization life cycle planning, programming, design, and construction necessary to restore City facilities to conditions needed to adequately support either current or changed missions and, concurrently, the needs of City of Garland employees and citizens.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Positive impact on the Operating Budget will result from reduced unplanned maintenance and repair work.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 40,000	
Design	11							11	Cert. of Oblig. Issued 1,651,091	
Land/Right-of-Way									Current Funds 313,886	
Construction	1,594	400	400	400	400	400		3,594		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	1,605	400	400	400	400	400		3,605		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 2,004,977</b>	
Current Funds	314							314	<b>UNFUNDED \$ 1,600,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 3,604,977</b>	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	1,651	40						1,691		
Other										
<b>Unfunded</b>			400	400	400	400		1,600		
<b>TOTAL SOURCES</b>	1,965	40	400	400	400	400		3,605		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>FIRE ALARM, FIRE SAFETY AND SECURITY SYSTEMS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16057	<b>ACCOUNT NO(S).</b> 692-4749-1605700	
<b>PROJECT DESCRIPTION</b> Provides funding for design and installation of fire alarm, fire safety, fire suppression, and security systems in City-owned structures, facilities, and buildings with primary emphasis on high citizen-use areas.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> The Operating Budget will increase in response to added need to fund annual inspection, monitoring, and maintenance programs.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 40,000	
Design									Cert. of Oblig. Issued 432,000	
Land/Right-of-Way									Current Funds 46,173	
Construction	368	200	200	200	200	200		1,368	CF/Interest 50,000	
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	368	200	200	200	200	200		1,368		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 568,173</b>	
Current Funds	96							96	<b>UNFUNDED \$ 800,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 1,368,173</b>	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	432	40						472		
Other										
<b>Unfunded</b>			200	200	200	200		800		
<b>TOTAL SOURCES</b>	528	40	200	200	200	200		1,368		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>PARKING LOT UPGRADES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16062	<b>ACCOUNT NO(S).</b> 692-4749-1606200		
<b>PROJECT DESCRIPTION</b> Continuation of an annual program to restore and maintain all City facilities parking lots in conditions necessary to support the needs of City employees, citizens, and visitors.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$      726,814		
Design	92							92			
Land/Right-of-Way											
Construction	380	250	250	250	250	250		1,630			
Equip. & Furnish.	5							5			
Other											
<b>TOTAL COSTS</b>	<b>477</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>		<b>1,727</b>			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      726,814</b>		
Current Funds									<b>UNFUNDED      \$      1,000,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      1,726,814</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	727							727	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>			250	250	250	250		1,000	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	<b>727</b>		<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>		<b>1,727</b>	<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>GARLAND ANIMAL SHELTER &amp; ADOPTION FACILITY</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 16068		<b>ACCOUNT NO(S).</b> 658-1429-1606819 692-1429-1606800	
<b>PROJECT DESCRIPTION</b> Construct a modern animal shelter and adoption facility to serve the Garland community needs. The proposed facility will meet or exceed current industry standards for humane animal care and will provide adequate space for current and future operations. The new animal shelter will have expanded adoption facilities including highly visible kennels to showcase and market selected animals, enhanced disease control utilizing pods that isolate kennel groups to prevent cross contamination, access controls to allow appropriate access for the public, volunteers and staff, a fully functional medical unit to provide humane care for animals, and outdoor runs to allow dogs & cats room to regularly exercise. The facility is intended to be a destination for pet lovers and residents who want to add a pet family member to their homes.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>2</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel 112,000 Operations 38,000 Capital _____ Total \$ <u>150,000</u>				A larger facility that houses more animals will require additional workforce hours to maintain. Our goal is to grow the current volunteer program as much as possible to minimize the impact on the operating budget. Other costs associated with providing care for more animals. It is anticipated that the Pet Adoption Center activities will be merged into the new shelter, which will result in cost savings on rent.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		53	737	207					997	2019 Bond Fund Uniss. \$ 11,500,000	
Land/Right-of-Way										2019 Bond Fund 500,000	
Construction			767	13,114					13,881		
Equip. & Furnish.				350					350		
Other			423	149					572		
<b>TOTAL COSTS</b>		<b>53</b>	<b>1,927</b>	<b>13,820</b>					<b>15,800</b>		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued		500							500		
GO's Unissued			1,480	10,020					11,500		
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>				3,800					3,800		
<b>TOTAL SOURCES</b>		<b>500</b>	<b>1,480</b>	<b>13,820</b>					<b>15,800</b>		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
Design										05/2019	12/2021
Land/Right-of-Way											
Construction										12/2020	12/2021
<b>TOTAL SCHEDULE</b>										<b>05/2019</b>	<b>12/2021</b>
										<b>TOTAL FUNDED</b> \$ <u>12,000,000</u>	
										<b>UNFUNDED</b> \$ <u>3,800,000</u>	
										<b>PROJECT TOTAL</b> \$ <u>15,800,000</u>	

<b>PROJECT TITLE</b> <b>STREET DEPARTMENT FACILITY RENOVATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 16105	<b>ACCOUNT NO(S).</b> 657-1429-1610519	
<b>PROJECT DESCRIPTION</b> Renovate the administration and operations facility for the Street Department and expand employee multi-department parking area, bringing the facility up to current industry standards.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2019 Bond Fund Uniss.      \$ 3,500,000	
Design		223	90	12				325		
Land/Right-of-Way										
Construction			2,731	32				2,763		
Equip. & Furnish.			243					243		
Other		101	60	8				169		
<b>TOTAL COSTS</b>		324	3,124	52				3,500		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 3,500,000</b>	
Current Funds									<b>UNFUNDED      \$ _____</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 3,500,000</b>	
GO's Unissued		324	3,124	52				3,500		
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>		324	3,124	52				3,500		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	01/2020	05/2022
								Land/Right-of-Way		
								Construction	04/2021	05/2022
<b>TOTAL SCHEDULE</b>								<b>01/2020</b>	<b>05/2022</b>	

<b>PROJECT TITLE</b> <b>TRANSPORTATION MAINTENANCE AND OPERATIONS FACILITY RENOVATION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Facilities Management				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 16106		<b>ACCOUNT NO(S).</b> 657-1429-1610619	
<b>PROJECT DESCRIPTION</b> Renovate and upgrade the existing Transportation Department signal operations, signs and markings maintenance facility to bring the facility up to current industry standards.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design			166	27	41	4			238	2019 Bond Fund Uniss. \$ 2,500,000	
Land/Right-of-Way											
Construction					1,957	12			1,969		
Equip. & Furnish.					173				173		
Other			46	52	18	4			120		
<b>TOTAL COSTS</b>			212	79	2,189	20			2,500		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										TOTAL FUNDED \$ 2,500,000	
GO's/Com. Paper Issued										UNFUNDED \$ _____	
GO's Unissued			212	79	2,189	20			2,500	PROJECT TOTAL \$ 2,500,000	
RB's/Com. Paper											
Certificates of Obligation										<b>PROJECT SCHEDULE</b>	
Other										<b>START</b>	<b>FINISH</b>
<b>Unfunded</b>										Design	01/2020 04/2023
<b>TOTAL SOURCES</b>			212	79	2,189	20			2,500	Land/Right-of-Way	
										Construction	03/2022 04/2023
										<b>TOTAL SCHEDULE</b>	01/2020 04/2023

<b>PROJECT TITLE</b> <b>CGTV - UPGRADES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Public & Media Relations				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 16082	<b>ACCOUNT NO(S).</b> 103-1178-1608200		
<b>PROJECT DESCRIPTION</b> Provide equipment upgrades for CGTV production and broadcast equipment; replace digital encoder with Swagit, our streaming provider, and attach 3 years of pre-paid service. Design and equip City Hall Studio, continue overhaul of meeting presentation AV and presentation systems, replace video editing and graphic work stations, provide equipment for remote studio at the Garland Police Department, and replace laptops in Work Session Room and Council Chamber. This project will utilize funding collected through the Public, Education, and Government (PEG) access fees to improve the operations of CGTV.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	PEG Fee	\$ 3,122,000	
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	2,348	430	344					3,122			
Other											
<b>TOTAL COSTS</b>	2,348	430	344					3,122			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>3,122,000</u>		
Current Funds									<b>UNFUNDED</b> \$ _____		
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b> \$ <u>3,122,000</u>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation									Design		
Other	3,122							3,122	Land/Right-of-Way		
<b>Unfunded</b>									Construction		
<b>TOTAL SOURCES</b>	3,122							3,122	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>FIREWHEEL GOLF PARK IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Firewheel Golf Park				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 36530	<b>ACCOUNT NO(S).</b> 256-4419-3653000	
<b>PROJECT DESCRIPTION</b> This project provides funding for Golf Park improvements. Improvements in 2020 include the continuation of addressing various creek erosion issues and silt buildup in several ponds.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Reimbursement \$ 204,213	
Design									Cert. of Oblig. Issued 903,991	
Land/Right-of-Way									Current Funds 122,246	
Construction	1,395	185	150	150	150	150		2,180	CF/Interest 350,000	
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	1,395	185	150	150	150	150		2,180		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 1,580,450</b>	
Current Funds	472							472	<b>UNFUNDED \$ 600,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 2,180,450</b>	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	904							904	<b>PROJECT SCHEDULE</b>	
Other	204							204	<b>START</b>	
<b>Unfunded</b>			150	150	150	150		600	<b>FINISH</b>	
<b>TOTAL SOURCES</b>	1,580		150	150	150	150		2,180	<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>FIREWHEEL GOLF PARK CART REPLACEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Firewheel Golf Park				<b>PROJECT STATUS</b> Ongoing Program			<b>PROJECT NO(S).</b> 36531	<b>ACCOUNT NO(S).</b> 256-4419-3653118				
<b>PROJECT DESCRIPTION</b> Future requests included for the replacement of golf carts at the Old/Lakes Courses in 2022 and the Bridges Course in 2023.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				In 2018, the Bridges Course purchased 110 golf carts with five-year warranties and new battery technology. The advanced technology carts have experienced a variety of minor issues, which are being addressed by the manufacturer. In 2019, Firewheel decided not to replace the Old/Lakes Courses carts with the five-year life cycle carts, opting for carts with three-year warranties.				
<b>FUNDING SOURCE(S)</b>												
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Short Term Tax Note	\$	375,000
Design										Cert. of Oblig. Issued		638,000
Land/Right-of-Way												
Construction												
Equip. & Furnish.		1,009			402	700			2,111			
Other												
<b>TOTAL COSTS</b>		1,009			402	700			2,111			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>1,013,000</u>		
Current Funds										UNFUNDED \$ <u>1,098,040</u>		
GO's/Com. Paper Issued										PROJECT TOTAL \$ <u>2,111,040</u>		
GO's Unissued												
RB's/Com. Paper										<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation		638							638	Design		
Other		375							375	Land/Right-of-Way		
<b>Unfunded</b>					398	700			1,098	Construction		
<b>TOTAL SOURCES</b>		1,013			398	700			2,111	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>INFRASTRUCTURE EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A	
<b>DEPARTMENT</b> Street Department				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 39811	<b>ACCOUNT NO(S).</b> 691-4699-3981100 692-4699-3981100	
<b>PROJECT DESCRIPTION</b> Provides funds for the regular replacement of equipment required to maintain and improve city bridges, intersections, and streets. In 2020, all of the Street Department's equipment requests were funded in the FY 2019-20 budget, so no equipment purchases are requested through the CIP.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$ 2,096,000	
Design										
Land/Right-of-Way										
Construction										
Equip. & Furnish.	2,096		500	500	500	500		4,096		
Other										
<b>TOTAL COSTS</b>	2,096		500	500	500	500		4,096		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>2,096,000</u> UNFUNDED          \$ <u>2,000,000</u> PROJECT TOTAL      \$ <u>4,096,000</u>	
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	2,096							2,096		
Other										
<b>Unfunded</b>			500	500	500	500		2,000		
<b>TOTAL SOURCES</b>	2,096		500	500	500	500		4,096		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>EQUIPMENT COVERED STRUCTURES/FACILITY PAVEMENT IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Street Department				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 39844		<b>ACCOUNT NO(S).</b> 692-4699-3984400		
<b>PROJECT DESCRIPTION</b> The 2019 CIP allocated \$500,000 that was projected to be spent on equipment to provide for the construction of concrete pads and covered structures to allow equipment to be stored out of the elements. The 2020 CIP request is to use the \$500,000 that was projected to be spent from the infrastructure equipment account to fund paving improvements, additional covered structures and lighting on the Street/Stormwater Department equipment storage yard.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions _____ Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b>								
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design										2020 Certificates of Obligation \$ 500,000		
Land/Right-of-Way										Cert. of Oblig. Issued 500,000		
Construction			1,000						1,000			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>			1,000						1,000			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds										TOTAL FUNDED \$ 1,000,000		
GO's/Com. Paper Issued										UNFUNDED \$ _____		
GO's Unissued										PROJECT TOTAL \$ 1,000,000		
RB's/Com. Paper												
Certificates of Obligation		500	500						1,000	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Other										Design		
<b>Unfunded</b>										Land/Right-of-Way		
<b>TOTAL SOURCES</b>		500	500						1,000	Construction	02/2020	12/2020
										<b>TOTAL SCHEDULE</b>	02/2020	12/2020



**GARLAND**

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**Miscellaneous Revenue Supported and Internal Service  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b><u>Environmental Waste Services - Delivery</u></b>											
21068	Replacement of Side-Load Residential Truck	196	INT, CO20, CO, UF	\$ 6,015	\$ 346	\$ 2,177	\$ 1,905	\$ 1,200	\$ 2,520	\$ 0	\$ 14,163
21069	Replacement of Recycling Trucks	197	CO20, CO, UF	1,797	1,037	363	381	800	420	0	4,798
21071	Replacement of Rear-Load Brush Trucks	198	CO20, CF, CO, UF	1,520	659	0	0	691	726	0	3,596
21075	Replacement of Commercial Front-Load Trucks	199	CO, UF	1,665	169	363	0	792	0	0	2,989
21078	Replacement of Knuckle Boom Trucks	200	CO20, CO, UF	906	413	217	456	479	251	0	2,722
21081	Replacement of Commercial Roll-Off Trucks	201	CO, UF	185	0	234	245	0	0	0	664
21085	Replacement of Front-Load Container Carriers	202	CO, UF	172	0	0	0	0	98	103	373
21086	Replacement of Bobcat Skid Loader	203	CO, UF	52	0	62	0	0	71	0	185
21074	Replacement of Brush Tractor Truck/Trailer	204	CO, UF	1,229	71	0	222	116	0	0	1,638
<b><u>Information Technology</u></b>											
23019	Network & Cabling Upgrades	205	INT, CF, CO, UF	1,356	164	0	0	0	0	0	1,520
23048	Telephone System Replacement	206	CO20, CO, UF	426	913	0	0	0	0	0	1,339
23049	EMIT Redundant Fiber Path and Fiber Replacement	207	CO20	0	388	0	0	0	0	0	388
<b><u>Stormwater Management</u></b>											
39819	Stormwater Maintenance Equipment	208	CO, UF	2,164	273	500	500	500	500	0	4,437
Total				<u>\$ 17,487</u>	<u>\$ 4,433</u>	<u>\$ 3,916</u>	<u>\$ 3,709</u>	<u>\$ 4,578</u>	<u>\$ 4,586</u>	<u>\$ 103</u>	<u>\$ 38,812</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 17,487	\$ 1,307	\$ 43	\$ 18	\$ 0	\$ 13	\$ 0	\$ 18,868
Total 2020 Certificate of Obligation				0	3,126	0	0	0	0	0	3,126
Total Unfunded				0	0	3,873	3,691	4,578	4,573	103	16,818
Total				<u>\$ 17,487</u>	<u>\$ 4,433</u>	<u>\$ 3,916</u>	<u>\$ 3,709</u>	<u>\$ 4,578</u>	<u>\$ 4,586</u>	<u>\$ 103</u>	<u>\$ 38,812</u>

**Miscellaneous Revenue Supported and Internal Service  
(Calendar Year 2020)**

(In 000's Dollars)

**DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
<b><u>Environmental Waste Services - Delivery</u></b>										
21068	Replacement of Side-Load Residential Truck	196	Appr.	\$ 236	\$ 2,177	\$ 1,905	\$ 1,200	\$ 2,520	\$ 0	\$ 8,038
21069	Replacement of Recycling Trucks	197	Appr.	1,032	363	381	800	420	0	2,996
21071	Replacement of Rear-Load Brush Trucks	198	Appr.	658	0	0	691	726	0	2,075
21075	Replacement of Commercial Front-Load Trucks	199	Appr.	0	363	0	792	0	0	1,155
21078	Replacement of Knuckle Boom Trucks	200	Appr.	399	217	456	479	251	0	1,802
21081	Replacement of Commercial Roll-Off Trucks	201	Appr.	0	217	245	0	0	0	462
21085	Replacement of Front-Load Container Carriers	202	Appr.	0	0	0	0	85	103	188
21086	Replacement of Bobcat Skid Loader	203	Appr.	0	61	0	0	71	0	132
21074	Replacement of Brush Tractor Truck/Trailer	204	Appr.	0	0	204	116	0	0	320
<b><u>Information Technology</u></b>										
23048	Telephone System Replacement	206	Appr.	413	0	0	0	0	0	413
23049	EMIT Redundant Fiber Path and Fiber Replacement	207	Appr.	388	0	0	0	0	0	388
<b><u>Stormwater Management</u></b>										
39819	Stormwater Maintenance Equipment	208	Appr.	0	475	500	500	500	0	1,975
Total				<u>\$ 3,126</u>	<u>\$ 3,873</u>	<u>\$ 3,691</u>	<u>\$ 4,578</u>	<u>\$ 4,573</u>	<u>\$ 103</u>	<u>\$ 19,944</u>
Total Approved				\$ 3,126	\$ 3,873	\$ 3,691	\$ 4,578	\$ 4,573	\$ 103	\$ 19,944
Total Unapproved				0	0	0	0	0	0	0
Total				<u>\$ 3,126</u>	<u>\$ 3,873</u>	<u>\$ 3,691</u>	<u>\$ 4,578</u>	<u>\$ 4,573</u>	<u>\$ 103</u>	<u>\$ 19,944</u>

<b>PROJECT TITLE</b> <b>REPLACEMENT OF SIDE-LOAD RESIDENTIAL TRUCK</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21068	<b>ACCOUNT NO(S).</b> 246-4319-2106800
<b>PROJECT DESCRIPTION</b> Funding is requested for the replacement of one Side-Load Refuse Truck from 2015 (#430-1427). This truck has exceeded its useful lives and is incurring excessive maintenance costs.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>	
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Interest \$ 80,000
Design									2020 Certificates of Obligation 236,000
Land/Right-of-Way									Cert. of Oblig. Issued 6,045,108
Construction									
Equip. & Furnish.	6,015	346	2,177	1,905	1,200	2,520		14,163	
Other									
<b>TOTAL COSTS</b>	6,015	346	2,177	1,905	1,200	2,520		14,163	
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 6,361,108
Current Funds	80							80	UNFUNDED \$ 7,802,000
GO's/Com. Paper Issued									PROJECT TOTAL \$ 14,163,108
GO's Unissued									
RB's/Com. Paper									
Certificates of Obligation	6,045	236						6,281	
Other									
<b>Unfunded</b>			2,177	1,905	1,200	2,520		7,802	
<b>TOTAL SOURCES</b>	6,125	236	2,177	1,905	1,200	2,520		14,163	<b>PROJECT SCHEDULE</b>
									<b>START</b>
									<b>FINISH</b>
									Design
									Land/Right-of-Way
									Construction
									<b>TOTAL SCHEDULE</b>
									(Ongoing
									Project)

<b>PROJECT TITLE</b> <b>REPLACEMENT OF RECYCLING TRUCKS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A	
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21069	<b>ACCOUNT NO(S).</b> 246-4319-2106900	
<b>PROJECT DESCRIPTION</b> Funding is requested for the replacement of two 2014 and one 2015 model Side-Load Recycling Collection Trucks (#430-1430, #430-0351, #430-0352). These trucks have exceeded their useful life and are incurring excessive maintenance costs.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 1,032,000	
Design									Cert. of Oblig. Issued 1,802,000	
Land/Right-of-Way										
Construction										
Equip. & Furnish.	1,797	1,037	363	381	800	420		4,798		
Other										
<b>TOTAL COSTS</b>	1,797	1,037	363	381	800	420		4,798		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 2,834,000	
Current Funds									UNFUNDED \$ 1,964,000	
GO's/Com. Paper Issued									PROJECT TOTAL \$ 4,798,000	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	1,802	1,032						2,834		
Other										
<b>Unfunded</b>			363	381	800	420		1,964		
<b>TOTAL SOURCES</b>	1,802	1,032	363	381	800	420		4,798		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing)	Project)

<b>PROJECT TITLE</b> <b>REPLACEMENT OF REAR-LOAD BRUSH TRUCKS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21071	<b>ACCOUNT NO(S).</b> 246-4319-2107100		
<b>PROJECT DESCRIPTION</b> Funding is requested for the replacement of two 2014 Rear-Load Brush & Bulky Goods Collection Trucks in 2020 (#430-0359 and #430-0360). These trucks will have exceeded their useful lives and be incurring excessive maintenance costs.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation                    \$    658,000		
Design									Cert. of Oblig. Issued            1,321,000		
Land/Right-of-Way									Current Funds                    200,000		
Construction											
Equip. & Furnish.	1,520	659			691	726		3,596			
Other											
<b>TOTAL COSTS</b>	1,520	659			691	726		3,596			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 2,179,000</b>		
Current Funds	200							200	<b>UNFUNDED        \$ 1,417,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$ 3,596,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	1,321	658						1,979	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>					691	726		1,417	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	1,521	658			691	726		3,596	<b>TOTAL SCHEDULE</b>		
									(Ongoing    Project)		

<b>PROJECT TITLE</b> <b>REPLACEMENT OF COMMERCIAL FRONT-LOAD TRUCKS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21075	<b>ACCOUNT NO(S).</b> 246-4319-2107500		
<b>PROJECT DESCRIPTION</b> Future funding is requested for the replacement of a Commercial Front-Load Truck in 2021 and 2023. 2020 includes final payment on the equipment ordered in 2019.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$ 1,834,170		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	1,665	169	363		792			2,989			
Other											
<b>TOTAL COSTS</b>	1,665	169	363		792			2,989			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ <u>1,834,170</u> UNFUNDED            \$ <u>1,155,000</u> PROJECT TOTAL      \$ <u>2,989,170</u>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	1,834							1,834	<b>PROJECT SCHEDULE</b>		
Other									Design		
<b>Unfunded</b>			363		792			1,155	Land/Right-of-Way		
<b>TOTAL SOURCES</b>	1,834		363		792			2,989	Construction		
									<b>TOTAL SCHEDULE</b>	(Ongoing    Project)	

<b>PROJECT TITLE</b> <b>REPLACEMENT OF KNUCKLE BOOM TRUCKS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A	
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21078	<b>ACCOUNT NO(S).</b> 246-4319-2107800	
<b>PROJECT DESCRIPTION</b> Funding is requested for the replacement of two 2015 Knuckle Boom Trucks (#430-1446 and #430-1447). These pieces of equipment are requiring significant maintenance costs in order to remain operational.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation \$ 399,000	
Design									Cert. of Oblig. Issued 919,804	
Land/Right-of-Way										
Construction										
Equip. & Furnish.	906	413	217	456	479	251		2,722		
Other										
<b>TOTAL COSTS</b>	906	413	217	456	479	251		2,722		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 1,318,804	
Current Funds									UNFUNDED \$ 1,403,000	
GO's/Com. Paper Issued									PROJECT TOTAL \$ 2,721,804	
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	920	399						1,319	<b>PROJECT SCHEDULE</b>	
Other									<b>START</b>	
<b>Unfunded</b>			217	456	479	251		1,403	<b>FINISH</b>	
<b>TOTAL SOURCES</b>	920	399	217	456	479	251		2,722	<b>TOTAL SCHEDULE</b>	
									(Ongoing Project)	

<b>PROJECT TITLE</b> <b>REPLACEMENT OF COMMERCIAL ROLL-OFF TRUCKS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21081	<b>ACCOUNT NO(S).</b> 246-4319-2108100		
<b>PROJECT DESCRIPTION</b> Future funding is requested for the replacement of Commercial Services Roll-Off Trucks in 2021 and 2022.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$      201,565		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	185		234	245				664			
Other											
<b>TOTAL COSTS</b>	185		234	245				664			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      201,565</b>		
Current Funds									<b>UNFUNDED      \$      462,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      663,565</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	202							202	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>			217	245				462	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	202		217	245				664	<b>TOTAL SCHEDULE</b>		
									(Ongoing      Project)		

<b>PROJECT TITLE</b> <b>REPLACEMENT OF FRONT-LOAD CONTAINER CARRIERS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21085	<b>ACCOUNT NO(S).</b> 246-4319-2108500		
<b>PROJECT DESCRIPTION</b> Future funding is requested for the replacement of Front-Load Container Carriers in 2024 and 2025.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$      185,000		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	172					98	103	373			
Other											
<b>TOTAL COSTS</b>	172					98	103	373			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      185,000</b>		
Current Funds									<b>UNFUNDED      \$      188,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      373,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	185							185	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>						85	103	188	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	185					85	103	373	<b>TOTAL SCHEDULE</b>		
									(Ongoing      Project)		

<b>PROJECT TITLE</b> <b>REPLACEMENT OF BOBCAT SKID LOADER</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21086	<b>ACCOUNT NO(S).</b> 246-4319-2108600		
<b>PROJECT DESCRIPTION</b> Future funding is requested for the replacement of a Bobcat Skid Loader in 2021 used to load recyclable commodities into compactors at the Drop-Off Recycling Center. The compactors loaded with commodities are transported by a vendor to a processing facility.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$      53,000		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	52		62			71		185			
Other											
<b>TOTAL COSTS</b>	52		62			71		185			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      53,000</b>		
Current Funds									<b>UNFUNDED      \$      132,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      185,000</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	53							53	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>			61			71		132	<b>FINISH</b>		
<b>TOTAL SOURCES</b>	53		61			71		185	<b>TOTAL SCHEDULE</b>		
									(Ongoing    Project)		

<b>PROJECT TITLE</b> <b>REPLACEMENT OF BRUSH TRACTOR TRUCK/TRAILER</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Delivery				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 21074	<b>ACCOUNT NO(S).</b> 246-4319-2107300 246-4319-2107400		
<b>PROJECT DESCRIPTION</b> Funding is requested for the replacement of one 2004 model Brush Trailer (#430-279). This equipment has exceeded its useful life and is incurring excessive maintenance costs.  Environmental Waste Services equipment is evaluated by the Fleet Services Department, and a equipment replacement schedule is updated each year for financial planning. The evaluation takes into consideration the age, mileage, maintenance costs, and operating effectiveness of each piece of equipment.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs.		<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued      \$ 1,318,010          <b>TOTAL FUNDED</b> \$ <u>1,318,010</u> <b>UNFUNDED</b> \$ <u>320,000</u> <b>PROJECT TOTAL</b> \$ <u>1,638,010</u>		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	1,229	71		222	116			1,638			
Other											
<b>TOTAL COSTS</b>	1,229	71		222	116			1,638			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation	1,318							1,318	Design		
Other									Land/Right-of-Way		
<b>Unfunded</b>				204	116			320	Construction		
<b>TOTAL SOURCES</b>	1,318			204	116			1,638	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)



<b>PROJECT TITLE</b> <b>TELEPHONE SYSTEM REPLACEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Information Technology				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 23048	<b>ACCOUNT NO(S).</b> 416-4599-2304817 416-4599-2304818	
<b>PROJECT DESCRIPTION</b> The core components of the existing Nortel CS1000 system were installed in 1988 by GTE. Avaya, Inc., acquired Nortel Enterprises in 2009 and has provided support for the Nortel CS1000 since that time. Avaya announced an "end of manufacturer support for hardware" date of June 1, 2018. Although parts availability is a minor concern, larger concerns surround the availability of supported hardware and software that integrate with the 30-year-old CS1000 (i.e., interactive voice response [IVR] used by Municipal Court, Customer Service, Water, and Building Inspection, and support for modern telephony protocols). Software support for the CS1000 is expected to be discontinued in 2021. IT proposes a proactive, multi-year approach to replacing the CS1000 system in which the City moves to the Avaya Aura Communications Manager in a methodical fashion that can be funded over a four-year period. This approach also allows the City to take advantage of \$600,000 in discounts to upgrade licenses associated with our current Nortel system.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations 30,000 Capital Total \$ <u>  30,000  </u>				Current ongoing annual maintenance will increase for the Avaya Communications Manager. This increase will be an incremental phase-in over the life of the project with a total \$30,000 increase realized at the conclusion of the upgrade.		
<b>FUNDING SOURCE(S)</b>								2020 Certificates of Obligation \$ 413,000 Cert. of Oblig. Issued 926,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design										
Land/Right-of-Way										
Construction										
Equip. & Furnish.	426	913						1,339		
Other										
<b>TOTAL COSTS</b>	426	913						1,339		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	926	413						1,339		
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	926	413						1,339		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	01/2017	12/2020
								TOTAL FUNDED	\$ 1,339,000	
								UNFUNDED	\$	
								PROJECT TOTAL	\$ 1,339,000	

<b>PROJECT TITLE</b> <b>EMIT REDUNDANT FIBER PATH AND FIBER REPLACEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Information Technology				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 23049	<b>ACCOUNT NO(S).</b> 416-4559-2304920		
<b>PROJECT DESCRIPTION</b> A redundant fiber path to the EMIT data center is requested to reduce the risk of significant system outages due to fiber damage or failure. Additionally, the fiber and conduit servicing Central Library and the facilities along Commerce Street have aged to the point where replacement is necessary to reduce the likelihood of significant service disruptions.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation                    \$    388,000		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.		388						388			
Other											
<b>TOTAL COSTS</b>		388						388			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$    388,000		
Current Funds									UNFUNDED                \$		
GO's/Com. Paper Issued									PROJECT TOTAL        \$    388,000		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation		388						388	<b>PROJECT SCHEDULE</b>		
Other									<b>START</b>		
<b>Unfunded</b>									<b>FINISH</b>		
<b>TOTAL SOURCES</b>		388						388	<b>TOTAL SCHEDULE</b>		
									01/2020		
									12/2020		

<b>PROJECT TITLE</b> <b>STORMWATER MAINTENANCE EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Stormwater Management				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 39819	<b>ACCOUNT NO(S).</b> 266-4699-3981900 692-4699-3981900		
<b>PROJECT DESCRIPTION</b> Provides funds for the regular replacement of equipment required to maintain natural and man-made drainageways. 2020 includes carryover for equipment approved for purchase in the 2019 CIP. All of the Stormwater Maintenance equipment requests were funded in the FY 2019-20 Operating Budget, so there are no requests for new equipment in the 2020 CIP.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Cert. of Oblig. Issued	\$ 54,000	
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.	2,164	273	500	500	500	500		4,437			
Other											
<b>TOTAL COSTS</b>	2,164	273	500	500	500	500		4,437			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 54,000		
Current Funds									UNFUNDED \$ 1,975,000		
GO's/Com. Paper Issued									PROJECT TOTAL \$ 2,029,000		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation	2,462							2,462	Design		
Other									Land/Right-of-Way		
<b>Unfunded</b>			475	500	500	500		1,975	Construction		
<b>TOTAL SOURCES</b>	2,462		475	500	500	500		4,437	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)



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**Landfill / Transfer Station  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Funding Source</b>	<b>Thru 12/31/19</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
17108	Landfill Entry Safety and Efficiency Improvements	212	CO20, CO, UF	\$ 0	\$ 371	\$ 0	\$ 714	\$ 0	\$ 0	\$ 0	\$ 1,085
17154	Replacement of Landfill Equipment	213	CO20, CF, CO, UF, OTHER	5,951	2,595	2,248	2,977	1,589	3,360	0	18,720
17155	Replacement of Transfer Station Equipment	214	CF, CO, UF	1,162	0	0	171	1,276	209	0	2,818
17166	Construction of Waste Cell No. 8	215	CF	243	2,908	0	0	0	0	0	3,151
17161	Hinton Landfill Gas Collection & Control Systems	216	CO20, CO	732	1,675	0	0	0	0	0	2,407
Total				<u>\$ 8,088</u>	<u>\$ 7,549</u>	<u>\$ 2,248</u>	<u>\$ 3,862</u>	<u>\$ 2,865</u>	<u>\$ 3,569</u>	<u>\$ 0</u>	<u>\$ 28,181</u>
Total Existing CO's/Current Funds/Interest/Other				\$ 8,088	\$ 3,376	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,464
Total 2020 Certificate of Obligation				0	4,173	0	0	0	0	0	4,173
Total Unfunded				0	0	2,248	3,862	2,865	3,569	0	12,544
Total				<u>\$ 8,088</u>	<u>\$ 7,549</u>	<u>\$ 2,248</u>	<u>\$ 3,862</u>	<u>\$ 2,865</u>	<u>\$ 3,569</u>	<u>\$ 0</u>	<u>\$ 28,181</u>

**Landfill / Transfer Station  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Project Status</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
17108	Landfill Entry Safety and Efficiency Improvements	212	Appr.	\$ 221	\$ 0	\$ 714	\$ 0	\$ 0	\$ 0	\$ 935
17154	Replacement of Landfill Equipment	213	Appr.	2,595	2,248	2,977	1,589	3,360	0	12,769
17155	Replacement of Transfer Station Equipment	214	Appr.	0	0	171	1,276	209	0	1,656
17161	Hinton Landfill Gas Collection & Control Systems	216	Appr.	1,357	0	0	0	0	0	1,357
Total				<u>\$ 4,173</u>	<u>\$ 2,248</u>	<u>\$ 3,862</u>	<u>\$ 2,865</u>	<u>\$ 3,569</u>	<u>\$ 0</u>	<u>\$ 16,717</u>
Total Approved				\$ 4,173	\$ 2,248	\$ 3,862	\$ 2,865	\$ 3,569	\$ 0	\$ 16,717
Total Unapproved				0	0	0	0	0	0	0
Total				<u>\$ 4,173</u>	<u>\$ 2,248</u>	<u>\$ 3,862</u>	<u>\$ 2,865</u>	<u>\$ 3,569</u>	<u>\$ 0</u>	<u>\$ 16,717</u>

<b>PROJECT TITLE</b> <b>LANDFILL ENTRY SAFETY AND EFFICIENCY IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Environmental Waste Services - Disposal				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 17108	<b>ACCOUNT NO(S).</b> 691-1609-1710800 691-1609-1710818	
<b>PROJECT DESCRIPTION</b> Funding is requested aimed at reducing the liability at the landfill scale house by improving the safety for the landfill customers. The project will also increase the efficiency of the operations which will further reduce wait times. The project will remodel the building by adding drive-up windows at the existing incoming and outgoing scales similar to what is used at restaurants. The project will also add a communication system that will eliminate the need for operators to exit their vehicles. This project will also add concrete roadway surfaces for a bypass lane and increased apron areas leaving the scale house.  This project also includes the Addition of Automated Scales Project approved in a previous CIP. This project will include improvements to the current scales as well as studying the utilization of a future, additional scale.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> New equipment will lower maintenance costs and improve efficiency.		
<b>FUNDING SOURCE(S)</b>								2020 Certificates of Obligation \$ 221,000 Cert. of Oblig. Issued 150,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design										
Land/Right-of-Way										
Construction		221		714				935		
Equip. & Furnish.		150						150		
Other										
<b>TOTAL COSTS</b>		371		714				1,085		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper										
Certificates of Obligation	150	221						371		
Other										
<b>Unfunded</b>				714				714		
<b>TOTAL SOURCES</b>	150	221		714				1,085		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								03/2018	12/2022	
								<b>TOTAL FUNDED</b>	\$ 371,000	
								<b>UNFUNDED</b>	\$ 714,000	
								<b>PROJECT TOTAL</b>	\$ 1,085,000	

<b>PROJECT TITLE</b> <b>REPLACEMENT OF LANDFILL EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Environmental Waste Services - Disposal				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 17154	<b>ACCOUNT NO(S).</b> 692-1609-1715400		
<b>PROJECT DESCRIPTION</b> Funding is requested to replace a Trash Compactor and a Track Loader. Both units are replacing equipment that are at the end of useful life. Additional funding is also requested for a Backhoe, a Wheel Loader, and a Miniature Excavator. They will be used for on-site work such as leachate seep repairs, daily road and slope maintenance, and drainage repairs.  Future years may be adjusted following the completion of the Fleet Utilization Study.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				New equipment will lower maintenance costs.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design										Landfill Sinking Fund	\$ 2,143,846
Land/Right-of-Way										Equipment Trade-In Rebate	377,000
Construction										2020 Certificates of Obligation	2,595,000
Equip. & Furnish.		5,951	2,595	2,248	2,977	1,589	3,360		18,720	Cert. of Oblig. Issued	3,430,000
Other											
<b>TOTAL COSTS</b>		5,951	2,595	2,248	2,977	1,589	3,360		18,720		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ <u>8,545,846</u>	
Current Funds		2,144							2,144	UNFUNDED \$ <u>10,174,000</u>	
GO's/Com. Paper Issued										PROJECT TOTAL \$ <u>18,719,846</u>	
GO's Unissued											
RB's/Com. Paper										<b>PROJECT SCHEDULE</b>	<b>START</b>
Certificates of Obligation		3,430	2,595						6,025	Design	
Other		377							377	Land/Right-of-Way	
<b>Unfunded</b>				2,248	2,977	1,589	3,360		10,174	Construction	
<b>TOTAL SOURCES</b>		5,951	2,595	2,248	2,977	1,589	3,360		18,720	<b>TOTAL SCHEDULE</b>	(Ongoing Project)



<b>PROJECT TITLE</b> <b>CONSTRUCTION OF WASTE CELL NO. 8</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Environmental Waste Services - Disposal				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 17166	<b>ACCOUNT NO(S).</b> 635-1609-1716600		
<b>PROJECT DESCRIPTION</b> The purpose of this project is to construct the next waste disposal cell (Cell #8) and the remaining portion of the levee for the Phase 1 area at the Hinton Landfill. Cell #8 is a 15-acre cell that consists of an underdrain, two feet of compacted clay liner, 60-mil geomembrane, drainage geocomposite, and two feet of protective cover soil. In addition, a leachate collection system sump, a stormwater channel, an access road, a truck pad, east channel sediment cleaning, and installation of Landfill gas probes PP-1 and PP-2 are included as part of this project.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> Ensure continued compliance with TCEQ requirements.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Landfill Sinking Fund      \$ 3,151,334		
Design	61							61			
Land/Right-of-Way											
Construction	172	2,908						3,080			
Equip. & Furnish.	10							10			
Other											
<b>TOTAL COSTS</b>	243	2,908						3,151			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$ 3,151,334		
Current Funds	3,151							3,151	UNFUNDED      \$ _____		
GO's/Com. Paper Issued									PROJECT TOTAL      \$ <u>3,151,334</u>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design		
<b>TOTAL SOURCES</b>	3,151							3,151	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									04/2019		
									06/2020		

<b>PROJECT TITLE</b> <b>HINTON LANDFILL GAS COLLECTION &amp; CONTROL SYSTEMS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b>		
<b>DEPARTMENT</b> Environmental Waste Services - Disposal				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 17161	<b>ACCOUNT NO(S).</b> 691-1609-1716900 692-1609-1716100		
<b>PROJECT DESCRIPTION</b> Funding is required for the continuation of installing 21 additional landfill gas wells at the Hinton Landfill Waste Cell #7 to ensure regulatory compliance with Texas Commission on Environmental Quality. The additional gas extraction wells have caused a drastic reduction in complaints from residents in adjacent properties by minimizing the emission of odor-causing landfill gas from the site. Additional funding is requested to expand and improve the GCCS at the landfill by re-drilling 24 wells that are no longer compliant with federal regulations. This is necessary because the landfill has recently become regulated under the EPA's New Source Performance Standards (NSPS) regulations, which regulate the amount of gas the landfill is permitted to emit into the atmosphere. The GCCS is the primary mechanism the landfill has to prevent emissions and it does not currently perform well enough to meet the NSPS standards. Last, 2020 project costs include a request to have an additional blower installed as a backup unit. This is necessary because the landfill has grown to create more gas than one blower can reasonably handle by itself. The flare is mandated by federal regulations to operate at all times. An additional blower must be installed to be used in case of routine maintenance or mechanical issue.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Reduce cost based on federal regulations. Additional wells will minimize emissions of odor-causing methane gas.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	2020 Certificates of Obligation                    \$ 1,357,000 Cert. of Oblig. Issued                    1,050,000		
Design											
Land/Right-of-Way											
Construction	732							732			
Equip. & Furnish.		1,675						1,675			
Other											
<b>TOTAL COSTS</b>	732	1,675						2,407			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>2,407,000</u> <b>UNFUNDED</b> \$ _____ <b>PROJECT TOTAL</b> \$ <u>2,407,000</u>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation	1,050	1,357						2,407	<b>PROJECT SCHEDULE</b> <b>START</b> <b>FINISH</b>		
Other									Design		
<b>Unfunded</b>									Land/Right-of-Way		
<b>TOTAL SOURCES</b>	1,050	1,357						2,407	Construction		
									<b>TOTAL SCHEDULE</b> 03/2017      12/2020		



**GARLAND**

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**Water**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**APPROVED PROJECTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Funding Source</b>	<b>Thru 12/31/19</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
30190	Transmission Mains (16-inch and Above)	221	CP, UF	\$ 4,476	\$ 5,276	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 0	\$ 19,752
30191	Distribution Lines (Up to 14-inch)	222	CP, RB, UF	6,651	6,475	3,000	3,000	3,000	3,000	0	25,126
30192	Relocation of Mains Prior to Paving	223	CP, RB, UF	4,002	7,820	4,500	4,500	4,500	4,500	0	29,822
30195	Reloc. of Mains Prior to Storm Sewer Inst.	224	RB, UF	12	263	125	125	125	125	0	775
30197	Water Pump Station Rehab	225	RB, UF	574	440	440	1,910	7,808	6,527	0	17,699
30205	Fire Hydrant Installation	226	INT, CP, RB, UF	228	415	400	400	400	400	0	2,243
30206	Water Service Installation	227	CP, UF	428	427	400	400	400	400	0	2,455
30207	Upgrade Undersized Water Mains	228	CP, RB, UF	929	2,679	750	750	750	750	0	6,608
30208	Water Distribution Line Replacement	229	CP, RB, UF	1,451	871	750	750	750	750	0	5,322
30213	Radio Read Water Meter Retrofit	230	CP, RB, UF, OTHER	986	3,776	3,000	2,505	500	500	0	11,267
30216	Country Club/Bobtown Water Trans. Mains	231	RB, UF	3,148	2,351	0	0	0	0	0	5,499
30235	Roan Road Water Transmission Main	232	RB	81	1,619	0	0	0	0	0	1,700
30236	Water Quality Assurance	233	RB, UF	329	111	300	300	300	300	0	1,640
30237	Water Pump Station Emerg. Generators	234	CF, CP, UF	195	4,715	2,950	1,850	350	350	0	10,410
30238	Field Operations Center	235	CP, UF	18	400	5,303	0	0	0	0	5,721
30241	Water Tower Corrosion Abatement	236	CP, UF	0	1,120	1,590	765	1,300	0	0	4,775
30242	Water Utility Equipment	237	CF	0	400	0	0	0	0	0	400
30243	Lavon Pump Station Ground Storage Tank Rehab	238	CP, UF	0	781	219	0	0	0	0	1,000
<b>Total</b>				<b>\$ 23,508</b>	<b>\$ 39,939</b>	<b>\$ 26,227</b>	<b>\$ 19,755</b>	<b>\$ 22,683</b>	<b>\$ 20,102</b>	<b>\$ 0</b>	<b>\$ 152,214</b>
Total Existing CO's/RB's/Current Funds/Interest				\$ 23,508	\$ 28,217	\$ 2,583	\$ 2,005	\$ 0	\$ 0	\$ 0	\$ 56,313
Total 2020 Revenue Bonds/Commercial Paper				0	11,722	0	0	0	0	0	11,722
Total Unfunded				0	0	23,644	17,750	22,683	20,102	0	84,179
<b>Total</b>				<b>\$ 23,508</b>	<b>\$ 39,939</b>	<b>\$ 26,227</b>	<b>\$ 19,755</b>	<b>\$ 22,683</b>	<b>\$ 20,102</b>	<b>\$ 0</b>	<b>\$ 152,214</b>

**Water  
 (Calendar Year 2020)  
 (In 000's Dollars)  
 UNAPPROVED PROJECTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Thru 12/31/19</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
30232	East Zone Water Tower	240	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,900	\$ 5,250	\$ 8,150	\$ 16,300
Total			<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 2,900</u>	<u>\$ 5,250</u>	<u>\$ 8,150</u>	<u>\$ 16,300</u>

**Water**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**DEBT ISSUANCE REQUIREMENTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Project Status</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
30190	Transmission Mains (16-inch and Above)	221	Appr.	\$ 1,000	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 0	\$ 11,000
30191	Distribution Lines (Up to 14-inch)	222	Appr.	3,000	3,000	3,000	3,000	3,000	0	15,000
30192	Relocation of Mains Prior to Paving	223	Appr.	2,000	4,500	4,500	4,500	4,500	0	20,000
30195	Reloc. of Mains Prior to Storm Sewer Inst.	224	Appr.	0	125	125	125	125	0	500
30197	Water Pump Station Rehab	225	Appr.	0	357	1,910	7,808	6,527	0	16,602
30205	Fire Hydrant Installation	226	Appr.	415	400	400	400	400	0	2,015
30206	Water Service Installation	227	Appr.	427	400	400	400	400	0	2,027
30207	Upgrade Undersized Water Mains	228	Appr.	750	750	750	750	750	0	3,750
30208	Water Distribution Line Replacement	229	Appr.	750	750	750	750	750	0	3,750
30213	Radio Read Water Meter Retrofit	230	Appr.	626	500	500	500	500	0	2,626
30232	East Zone Water Tower	240	Unappr.	0	0	0	2,900	5,250	8,150	16,300
30236	Water Quality Assurance	233	Appr.	0	300	300	300	300	0	1,200
30237	Water Pump Station Emerg. Generators	234	Appr.	685	2,950	1,850	350	350	0	6,185
30238	Field Operations Center	235	Appr.	168	5,303	0	0	0	0	5,471
30241	Water Tower Corrosion Abatement	236	Appr.	1,120	1,590	765	1,300	0	0	4,775
30243	Lavon Pump Station Ground Storage Tank Rehab	238	Appr.	781	219	0	0	0	0	1,000
<b>Total</b>				<b>\$ 11,722</b>	<b>\$ 23,644</b>	<b>\$ 17,750</b>	<b>\$ 25,583</b>	<b>\$ 25,352</b>	<b>\$ 8,150</b>	<b>\$ 112,201</b>
<b>Total Approved</b>				<b>\$ 11,722</b>	<b>\$ 23,644</b>	<b>\$ 17,750</b>	<b>\$ 22,683</b>	<b>\$ 20,102</b>	<b>\$ 0</b>	<b>\$ 95,901</b>
<b>Total Unapproved</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>2,900</b>	<b>5,250</b>	<b>8,150</b>	<b>16,300</b>
<b>Total</b>				<b>\$ 11,722</b>	<b>\$ 23,644</b>	<b>\$ 17,750</b>	<b>\$ 25,583</b>	<b>\$ 25,352</b>	<b>\$ 8,150</b>	<b>\$ 112,201</b>

<b>PROJECT TITLE</b> <b>TRANSMISSION MAINS (16-INCH AND ABOVE)</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30190	<b>ACCOUNT NO(S).</b> 220-4049-3019000	
<b>PROJECT DESCRIPTION</b> The installation of new water transmission mains and upgrades to existing water transmission mains include the costs for labor, outside contractors, and engineered designs. Water transmission mains to be replaced as part of the 2020 CIP include Miller Road from Hilltop Drive to Saturn Road and First Street from Miller to Southwood Drive. Funding is also included for the design of water line replacements on Bond Program projects, such as Naaman School Road and Holford Road.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Impact on the Operating Budget should be favorable due to decreased maintenance costs associated with new lines.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue \$ 9,751,640	
Design	1,742	150	375	375	375	375		3,392		
Land/Right-of-Way										
Construction	2,734	5,126	2,125	2,125	2,125	2,125		16,360		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	4,476	5,276	2,500	2,500	2,500	2,500		19,752		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 9,751,640	
Current Funds									UNFUNDED \$ 10,000,000	
GO's/Com. Paper Issued									PROJECT TOTAL \$ 19,751,640	
GO's Unissued										
RB's/Com. Paper	8,752	1,000						9,752	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>			2,500	2,500	2,500	2,500		10,000	Design	
<b>TOTAL SOURCES</b>	8,752	1,000	2,500	2,500	2,500	2,500		19,752	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>DISTRIBUTION LINES (UP TO 14-INCH)</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30191	<b>ACCOUNT NO(S).</b> 220-4049-3019100 227-4049-3019100		
<b>PROJECT DESCRIPTION</b> The replacement of water distribution lines that have deteriorated to substandard conditions includes the costs for labor, materials, outside contractors, and engineered drawings. Distribution lines to be replaced as part of the 2020 CIP include Ballinger Drive from Kingsley to the end, Bonita Drive from Kingsley to Axe, Noble Lane from Gallahad to Drawbridge, Victoria Drive from Edna Smith to Buckingham, Lake Shore Drive from Jonandrea to Jonandrea, Carroll Drive from Douglas to Glenbrook, Patricia Drive from West Way to Miller, Mayfield Avenue from Saturn to Centerville, and Cuero Drive from Henderson to Marguerita.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Impact on the Operating Budget should be favorable due to decreased maintenance costs associated with new lines.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.            \$    927,621		
Design	659	300	400	400	400	400		2,559	Commercial Paper Issue        12,198,577		
Land/Right-of-Way	3							3			
Construction	5,989	6,175	2,600	2,600	2,600	2,600		22,564			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	6,651	6,475	3,000	3,000	3,000	3,000		25,126			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED        \$ 13,126,198</b>		
Current Funds									<b>UNFUNDED            \$ 12,000,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL        \$ 25,126,198</b>		
GO's Unissued											
RB's/Com. Paper	10,126	3,000						13,126	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>			3,000	3,000	3,000	3,000		12,000	Design		
<b>TOTAL SOURCES</b>	10,126	3,000	3,000	3,000	3,000	3,000		25,126	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>RELOCATION OF MAINS PRIOR TO PAVING</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30192	<b>ACCOUNT NO(S).</b> 220--30192 220-4049-3019200	
<b>PROJECT DESCRIPTION</b> The relocations of water mains prior to paving are necessary to maintain adequate water service, avoid utility conflicts, and upgrade the water distribution system, and include the costs of labor, materials, outside contractors, and engineered drawings. The proposed water lines to be relocated in 2020 in conjunction with Street Department and Engineering Department projects are Field Knoll Drive from Dove Meadow to end, State Street/Main Street Alley from Sixth Street to Seventh Street, Main Street/Avenue A Alley from Seventh to Fifth, Middleglen Drive from Avalon to Villa Ridge, Daugherty Drive from Delano to First, Carroll Drive from Saturn to Lamesa, Woodmere Drive from Rollingridge to Heather Glen, Daytona Drive from Tampa to Bobtown, Hartford Drive from Nickens to Thistle, Arcady Drive from Celeste to end, Glenfield Drive from First to Cumberland, Glenbrook Drive from Carroll to Centerville, and Interstate 635 from Leon to Northwest Highway.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				New lines will have a favorable impact on the Operating Budget by reducing maintenance on replaced water mains.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 240,337	Commercial Paper Issue 11,581,476	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	383	500	500	500	500	500		2,883		
Land/Right-of-Way										
Construction	3,619	7,320	4,000	4,000	4,000	4,000		26,939		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	4,002	7,820	4,500	4,500	4,500	4,500		29,822		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	9,822	2,000						11,822		
Certificates of Obligation										
Other										
<b>Unfunded</b>			4,500	4,500	4,500	4,500		18,000		
<b>TOTAL SOURCES</b>	9,822	2,000	4,500	4,500	4,500	4,500		29,822		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>RELOC. OF MAINS PRIOR TO STORM SEWER INST.</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30195	<b>ACCOUNT NO(S).</b> 220-4049-3019500	
<b>PROJECT DESCRIPTION</b> Relocations of water mains and services are required when they conflict with the installation of storm sewer pipes to control flooding. Water line lowerings anticipated for 2020 are in the Meadowcreek Park neighborhood.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> A favorable impact on the Operating Budget is expected due to new or replacement lines requiring less maintenance.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 275,000	
Design										
Land/Right-of-Way										
Construction	12	263	125	125	125	125		775		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	12	263	125	125	125	125		775		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 275,000	
Current Funds									UNFUNDED \$ 500,000	
GO's/Com. Paper Issued									PROJECT TOTAL \$ 775,000	
GO's Unissued										
RB's/Com. Paper	275							275	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>			125	125	125	125		500	Design	
<b>TOTAL SOURCES</b>	275		125	125	125	125		775	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>WATER PUMP STATION REHAB</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30197		<b>ACCOUNT NO(S).</b> 220-4049-3019700 227-4049-3019700	
<b>PROJECT DESCRIPTION</b> This request provides Capital Improvement funds for Apollo, Northside, Wallace, Broadway, Lavon, and Firewheel pump stations. The objective is to enhance reliability and security features as well as extend the useful life of water pumping station infrastructure through time-phased replacement of equipment to maintain expected service levels and continually meet water quality requirements. Firewheel Pump Station performance is being evaluated through the Water Master Plan to determine if it is adequate for added water demands brought about by S.H. 190 Development. We anticipate the Water Master Plan will recommend further engineering assessment, rehabilitation design, and construction of pump station enhancements. Based on the evaluation, the design for projected rehabilitation for the Firewheel Pump Station will be in 2022 and construction will start in 2023.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Favorable impact is expected on the Operating Budget due to less power consumption resulting from more efficient pumps and motors and decreased water main flushing.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		82	40	40	1,300	1,200	20		2,682	Revenue Bonds Iss.      \$    592,945	
Land/Right-of-Way											
Construction		492	400	400	610	6,608	6,507		15,017		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		574	440	440	1,910	7,808	6,527		17,699		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										TOTAL FUNDED      \$    592,945	
GO's/Com. Paper Issued										UNFUNDED      \$    16,602,000	
GO's Unissued										PROJECT TOTAL      \$    17,194,945	
RB's/Com. Paper		1,097							1,097	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>START</b>	
Other										<b>FINISH</b>	
<b>Unfunded</b>				357	1,910	7,808	6,527		16,602	Design	
<b>TOTAL SOURCES</b>		1,097		357	1,910	7,808	6,527		17,699	Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing    Project)	

<b>PROJECT TITLE</b> <b>FIRE HYDRANT INSTALLATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30205	<b>ACCOUNT NO(S).</b> 220-4049-3020500 225-4049-3020500	
<b>PROJECT DESCRIPTION</b> This project provides for the installation of new fire hydrants on existing water lines at various locations to improve fire protection services.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>ADDITIONAL INFORMATION</b> Additional units may cause a slight increase in maintenance costs in the Operating Budget due to additional fire hydrants in the system.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 220,183	
Design									Interest 7,901	
Land/Right-of-Way									Commercial Paper Issue 415,000	
Construction	228	415	400	400	400	400		2,243		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	228	415	400	400	400	400		2,243		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 643,084</b>	
Current Funds	8							8	<b>UNFUNDED \$ 1,600,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 2,243,084</b>	
GO's Unissued										
RB's/Com. Paper	220	415						635	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>			400	400	400	400		1,600	Design	
<b>TOTAL SOURCES</b>	228	415	400	400	400	400		2,243	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>WATER SERVICE INSTALLATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30206	<b>ACCOUNT NO(S).</b> 220-4049-3020600 227-4049-3020600	
<b>PROJECT DESCRIPTION</b> This project funds the purchase of water meters, meter boxes, and related service line parts necessary for potable water supply service.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> The Operating Budget may experience a slight increase in maintenance costs due to an increased number of water meters in the system.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue      \$      855,337	
Design										
Land/Right-of-Way										
Construction	428	427	400	400	400	400		2,455		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	428	427	400	400	400	400		2,455		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED      \$      855,337	
Current Funds									UNFUNDED      \$      1,600,000	
GO's/Com. Paper Issued									PROJECT TOTAL      \$      2,455,337	
GO's Unissued										
RB's/Com. Paper	428	427						855	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>			400	400	400	400		1,600	Design	
<b>TOTAL SOURCES</b>	428	427	400	400	400	400		2,455	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>UPGRADE UNDERSIZED WATER MAINS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30207	<b>ACCOUNT NO(S).</b> 220-4049-3020700 227-4049-3020700	
<b>PROJECT DESCRIPTION</b> This project provides for the replacement of undersized water lines, 2-inch diameter or smaller, with new 8-inch PVC mains. Projects for the 2020 CIP are Nash Drive from Hillcrest to North Garland, First Street/Barger Street Alley from Avenue B to Avenue D, Brookside Drive from Nash to Meadowbrook, North Glenbrook Drive from State to Austin, North Ninth Street from State to Austin, Garland Road at Avenue D, Haskell Street from Main to Avenue A, and Avenue A from First to Third.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Replacing old lines will have a positive impact on the Operating Budget by reducing maintenance costs and water loss.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 228,289 Commercial Paper Issue 3,379,935		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	296	110	110	110	110	110		846		
Land/Right-of-Way										
Construction	633	2,569	640	640	640	640		5,762		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	929	2,679	750	750	750	750		6,608		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	2,858	750						3,608		
Certificates of Obligation										
Other										
<b>Unfunded</b>			750	750	750	750		3,000		
<b>TOTAL SOURCES</b>	2,858	750	750	750	750	750		6,608		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

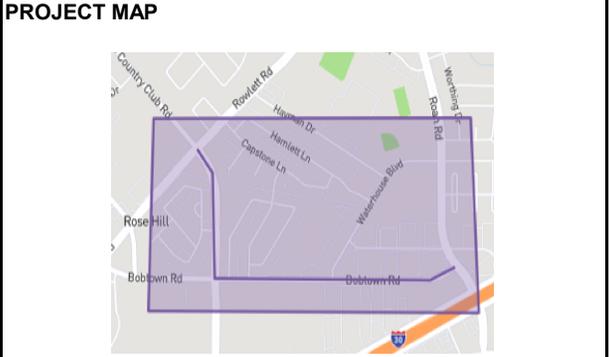
<b>PROJECT TITLE</b> <b>WATER DISTRIBUTION LINE REPLACEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30208	<b>ACCOUNT NO(S).</b> 220-4049-3020800	
<b>PROJECT DESCRIPTION</b> This project provides for the installation of short sections of new water mains, 6-inch diameter or larger, for repair purposes. Projects for the 2020 CIP are Mount Vernon Place from Colonel to end, Monticello Court from Colonel to end, Nona Street from Avenue D to end, Branch Hollow Drive from Middle Glen to end, Branch Hollow Circle from Branch Hollow to end, Hickory Trail from Cherrywood to Curtis, Meadowhill Drive from Shady Glen to Heather Glen, Sunset Drive from Twilight to Northlake, and Sunset Circle from Sunset to end.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Replacing water lines will have a positive impact on the Operating Budget by reducing maintenance costs and water loss.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss.           \$ 1,572,027 Commercial Paper Issue           750,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design										
Land/Right-of-Way										
Construction	1,451	871	750	750	750	750		5,322		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	1,451	871	750	750	750	750		5,322		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	1,572	750						2,322		
Certificates of Obligation										
Other										
<b>Unfunded</b>			750	750	750	750		3,000		
<b>TOTAL SOURCES</b>	1,572	750	750	750	750	750		5,322		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

<b>PROJECT TITLE</b> <b>RADIO READ WATER METER RETROFIT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30213	<b>ACCOUNT NO(S).</b> 220-4049-3021300 228-4049-3021300	
<b>PROJECT DESCRIPTION</b> This project provides for the phased replacement and upgrades to existing radio read water meters. There are over 69,000 active water meters being read on a monthly basis by the Customer Service Department. The meters with radio read end-point devices were installed starting in 2005 with a multi-year project ending in 2011. In 2020, the Water Department plans to change out approximately 12,000 meters using an outside contractor to upgrade the remaining end-point devices that are no longer functioning to the current standard.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				There may be a minor impact on the Operating Budget due to increased maintenance for radio read water meters.		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 1,136,138	
Design									Texas Water Development Board 7,504,650	
Land/Right-of-Way									Commercial Paper Issue 626,000	
Construction	986	3,776	3,000	2,505	500	500		11,267		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	986	3,776	3,000	2,505	500	500		11,267		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 9,266,788</b>	
Current Funds									<b>UNFUNDED \$ 2,000,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 11,266,788</b>	
GO's Unissued										
RB's/Com. Paper	1,136	626						1,762	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other	7,505							7,505	<b>FINISH</b>	
<b>Unfunded</b>			500	500	500	500		2,000	Design	
<b>TOTAL SOURCES</b>	8,641	626	500	500	500	500		11,267	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>COUNTRY CLUB/BOBTOWN WATER TRANS. MAINS</b>		*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3
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<b>DEPARTMENT</b> Water	<b>PROJECT STATUS</b> Continuing Project	<b>PROJECT NO(S).</b> 30216	<b>ACCOUNT NO(S).</b> 220--30216 220-4049-3021600
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**PROJECT DESCRIPTION**  
This project funds a new 24-inch main as recommended by the hydraulic water model to increase water flows to the I.H. 30 corridor. The water main will extend from Rowlett Road along Country Club to Bobtown and along Bobtown to Roan Road along with the Bobtown Road street replacement project. Previously, a 24-inch main was installed along the new Country Club Road from Wynn Joyce to Country Club.



<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>	Annual Cost/(Savings): Personnel Operations Capital Total \$ _____	<b>IMPACT EXPLANATION</b> This project should have a positive impact on the Operating Budget due to the new or replacement lines requiring less maintenance.
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**FUNDING SOURCE(S)**

*PROJECT COSTS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Design	452							452
Land/Right-of-Way								
Construction	2,696	2,351						5,047
Equip. & Furnish.								
Other								
<b>TOTAL COSTS</b>	3,148	2,351						5,499
*SOURCE OF FUNDS	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total
Current Funds								
GO's/Com. Paper Issued								
GO's Unissued								
RB's/Com. Paper	5,499							5,499
Certificates of Obligation								
Other								
<b>Unfunded</b>								
<b>TOTAL SOURCES</b>	5,499							5,499

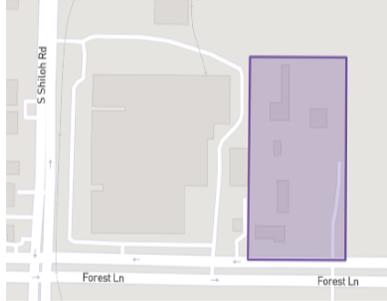
Revenue Bonds Iss.	\$ 5,299,305
<b>TOTAL FUNDED</b>	<b>\$ 5,299,305</b>
<b>UNFUNDED</b>	<b>\$ _____</b>
<b>PROJECT TOTAL</b>	<b>\$ 5,299,305</b>

PROJECT SCHEDULE	START	FINISH
Design	01/2014	11/2019
Land/Right-of-Way		
Construction	07/2016	12/2020
<b>TOTAL SCHEDULE</b>	<b>01/2014</b>	<b>12/2020</b>

<b>PROJECT TITLE</b> <b>ROAN ROAD WATER TRANSMISSION MAIN</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 3	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 30235	<b>ACCOUNT NO(S).</b> 220-4049-3023500	
<b>PROJECT DESCRIPTION</b> This project funds the installation of a 16-inch water line along Roan Road from Rowlett Road to Waterhouse Drive. Currently, the 16-inch water line on Roan Road ends at Rowlett Road and then begins again at Waterhouse Drive. Installing this section of 16-inch water line will increase the water volume available for the I.H. 30 catalyst area.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Minimal impact is anticipated on the Operating Budget due to the addition of a new water line.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.      \$ 1,700,237	
Design	81	138						219		
Land/Right-of-Way										
Construction		1,481						1,481		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	81	1,619						1,700		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>1,700,237</u>	
Current Funds									<b>UNFUNDED</b> \$ _____	
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b> \$ <u>1,700,237</u>	
GO's Unissued										
RB's/Com. Paper	1,700							1,700		
Certificates of Obligation										
Other										
<b>Unfunded</b>										
<b>TOTAL SOURCES</b>	1,700							1,700		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design	04/2017	12/2020
								Land/Right-of-Way		
								Construction	01/2020	12/2020
								<b>TOTAL SCHEDULE</b>	04/2017	12/2020

<b>PROJECT TITLE</b> <b>WATER QUALITY ASSURANCE</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 30236	<b>ACCOUNT NO(S).</b> 220-4049-3023600	
<b>PROJECT DESCRIPTION</b> This project provides Capital Improvement funds for needed water system infrastructure enhancements to meet water quality assurance requirements and includes Pump Station chloramine boosting system automation, Pump Station Storage Tank Mixers, and Automated System Flushing Units. Additional chloramine boosting location is anticipated for 2022-2023.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				A favorable impact on the Operating Budget is anticipated due to reduced labor costs incurred with flushing fire hydrants in association with increased water quality and better water conservation through less flushing.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 440,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	62		30	80	60	40		272		
Land/Right-of-Way										
Construction	267	111	270	183	173	260		1,264		
Equip. & Furnish.				37	67			104		
Other										
<b>TOTAL COSTS</b>	329	111	300	300	300	300		1,640		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	440							440		
Certificates of Obligation										
Other										
<b>Unfunded</b>			300	300	300	300		1,200		
<b>TOTAL SOURCES</b>	440		300	300	300	300		1,640		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

<b>PROJECT TITLE</b> <b>WATER PUMP STATION EMERG. GENERATORS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 30237	<b>ACCOUNT NO(S).</b> 220-4049-3023700 225-4049-3023700	
<b>PROJECT DESCRIPTION</b> This request provides for the replacement of the 25-year-old Wallace Pump Station generator and emergency power switchgear, along with evaluation of the Broadway, Firewheel, Apollo, and Northside emergency power generating systems. This project will increase operational efficiency and enhance service reliability of emergency water system backup power. Also includes participation in GP&L Emergency Response Services and 4CP Program. This project will also include the cost for replacing the radiators on the existing generators at both the Broadway Pump Station and Firewheel Pump Station.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				A favorable impact on the Operating Budget is anticipated due to fewer man-hours required to address ongoing service reliability issues.		
<b>FUNDING SOURCE(S)</b>								Water Transfer \$ 2,000,000 Commercial Paper Issue 2,910,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	195	100						295		
Land/Right-of-Way										
Construction		4,615	2,950	1,850	350	350		10,115		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	195	4,715	2,950	1,850	350	350		10,410		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds		2,000						2,000		
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	2,225	685						2,910		
Certificates of Obligation										
Other										
<b>Unfunded</b>			2,950	1,850	350	350		5,500		
<b>TOTAL SOURCES</b>	2,225	2,685	2,950	1,850	350	350		10,410		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>FIELD OPERATIONS CENTER</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 8		
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 30238	<b>ACCOUNT NO(S).</b> 220-4049-3023800		
<b>PROJECT DESCRIPTION</b> The two existing buildings currently in use were built in the 1950s and 1970s and have roof leaks and cracks in the walls due to possible foundation problems. The utility crews in the 1970s building are overcrowded, and the Managers are located separately in the 1950s building. The combined Water/Wastewater Managers and crews work in four separate buildings but need to be together for efficiency, training, communication, and work-related issues.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> This project should have a favorable impact on the Operating Budget due to maintenance costs (water, sewer, AC, heating, phone, computer networks, and cleaning) in one building being more efficient than those costs in two separate structures.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue	\$	418,000
Design	18	400	318					736			
Land/Right-of-Way											
Construction			4,122					4,122			
Equip. & Furnish.			341					341			
Other			522					522			
<b>TOTAL COSTS</b>	18	400	5,303					5,721			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b>	\$	<u>418,000</u>
Current Funds									<b>UNFUNDED</b>	\$	<u>5,303,000</u>
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b>	\$	<u>5,721,000</u>
GO's Unissued											
RB's/Com. Paper	250	168						418	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation									Design	06/2019	12/2021
Other									Land/Right-of-Way		
<b>Unfunded</b>			5,303					5,303	Construction	06/2021	12/2021
<b>TOTAL SOURCES</b>	250	168	5,303					5,721	<b>TOTAL SCHEDULE</b>	06/2019	12/2021

<b>PROJECT TITLE</b> <b>WATER TOWER CORROSION ABATEMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 30241	<b>ACCOUNT NO(S).</b> 220-4049-3024100		
<b>PROJECT DESCRIPTION</b> This request provides Capital Improvement funds for corrosion abatement of Lawler, Commerce, and Forest Lane elevated water storage tanks.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Favorable impact is expected due to less ongoing corrosion maintenance and abatement.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue      \$    1,120,000		
Design		80	40	55				175			
Land/Right-of-Way											
Construction		1,040	1,550	710	1,300			4,600			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		1,120	1,590	765	1,300			4,775			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    1,120,000</b>		
Current Funds									<b>UNFUNDED          \$    3,655,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$    4,775,000</b>		
GO's Unissued											
RB's/Com. Paper		1,120						1,120	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>			1,590	765	1,300			3,655	Design                    01/2020                    12/2022		
<b>TOTAL SOURCES</b>		1,120	1,590	765	1,300			4,775	Land/Right-of-Way		
									Construction            04/2020                    12/2023		
									<b>TOTAL SCHEDULE</b> 01/2020                    12/2023		

<b>PROJECT TITLE</b> <b>WATER UTILITY EQUIPMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 30242	<b>ACCOUNT NO(S).</b> 225-4049-3024200		
<b>PROJECT DESCRIPTION</b> Provide funds for the purchase of a vacuum truck. The vacuum truck will be used to excavate around franchise utilities in the repair, installation, and maintenance of water lines, services, and fire hydrants.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Water Transfer                    \$    400,000		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.		400						400			
Other											
<b>TOTAL COSTS</b>		400						400			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$    400,000</b>		
Current Funds		400						400	<b>UNFUNDED        \$                   </b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$    400,000</b>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design		
<b>TOTAL SOURCES</b>		400						400	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									04/2020		
									12/2020		

<b>PROJECT TITLE</b> <b>LAVON PUMP STATION GROUND STORAGE TANK REHAB</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 30243	<b>ACCOUNT NO(S).</b> 220-4049-3024300
<b>PROJECT DESCRIPTION</b> This request provides funds to rehabilitate the Lavon five million-gallon ground storage tank. The tank has been in continuous operation since 1961 and is beginning to deteriorate. This tank provides water to the Lavon Pump Station, which is capable of pumping to both the East and West Pressure Planes in the system. During the construction period, pumping capacity will be reduced.								<b>PROJECT MAP</b>	
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions _____ Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Completion of this project will have a favorable impact on the Operating Budget due to less ongoing maintenance cost in future years.				<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue      \$      781,000
Design		125						125	
Land/Right-of-Way									
Construction		656	219					875	
Equip. & Furnish.									
Other									
<b>TOTAL COSTS</b>		781	219					1,000	
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$      781,000</b>
Current Funds									<b>UNFUNDED      \$      219,000</b>
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$      1,000,000</b>
GO's Unissued									
RB's/Com. Paper		781						781	<b>PROJECT SCHEDULE</b>
Certificates of Obligation									<b>START</b>
Other									<b>FINISH</b>
<b>Unfunded</b>			219					219	Design      02/2020      04/2020
<b>TOTAL SOURCES</b>		781	219					1,000	Land/Right-of-Way
									Construction      04/2020      04/2021
									<b>TOTAL SCHEDULE</b> 02/2020      04/2021

## **Unapproved Submitted Projects**

<b>PROJECT TITLE</b> <b>EAST ZONE WATER TOWER</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A		
<b>DEPARTMENT</b> Water				<b>PROJECT STATUS</b> Unfunded Project				<b>PROJECT NO(S).</b> 30232	<b>ACCOUNT NO(S).</b> 220-4049-3023200		
<b>PROJECT DESCRIPTION</b> The purpose of this request is to fund the design and construction of one new elevated water storage tank and associated piping in the East Pressure Plane. The objectives are to continue to provide peak-hour pressures to the southern portion of the city and to enhance off-peak service and fire protection.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> Additional facility maintenance costs may have a minor impact on the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	\$ _____		
Design					650			650			
Land/Right-of-Way					500			500			
Construction					1,750	5,250	8,150	15,150			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>					2,900	5,250	8,150	16,300			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ _____		
Current Funds									<b>UNFUNDED</b> \$ <u>16,300,000</u>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL</b> \$ <u>16,300,000</u>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>					2,900	5,250	8,150	16,300			
<b>TOTAL SOURCES</b>					2,900	5,250	8,150	16,300			
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design	01/2023	12/2023	
								Land/Right-of-Way	01/2023	12/2023	
								Construction	04/2023	12/2025	
<b>TOTAL SCHEDULE</b>								01/2023	12/2025		



**GARLAND**

TEXAS MADE HERE

**Wastewater  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
32124	Infiltration Correction - Various	245	INT, CF, CP, RB, UF	\$ 2,323	\$ 3,481	\$ 1,700	\$ 1,700	\$ 1,700	\$ 1,700	\$ 0	\$ 12,604
32147	Sewer Collections Mains - Manholes	246	INT, CP, RB, UF	1,200	1,578	1,000	1,000	1,000	1,000	0	6,778
32148	Sanitary Sewer Taps - New or Relocations	247	CP, RB, UF	83	120	80	80	80	80	0	523
32149	Collection Mains	248	CP, RB, UF	3,613	6,026	2,500	2,500	2,500	2,500	0	19,639
32151	Sewer Lift Station Rehab	249	INT, RB, UF	182	100	100	100	100	150	0	732
32154	Cured-in-Place Pipe Main & Lateral Rehab	250	CP, RB, UF	2,335	1,850	1,000	1,000	1,000	1,000	0	8,185
32157	Relocation of Mains Prior to Paving	251	RB, UF	3,965	8,825	2,700	2,700	2,700	2,700	0	23,590
32161	Rowl-I - Campbell to Shiloh	252	INT, CO, CP, RB, UF	980	2,591	0	0	0	0	0	3,571
32174	Lift Station Abandonment	253	INT, CP, RB, UF	11	729	0	0	0	0	0	740
32181	Duck Creek Greenbelt Trail Extension	254	CF, RB, UF	56	1,434	0	0	0	0	0	1,490
32183	Duck Creek Interceptor Rehab	255	INT, CP, RB, UF	377	2,220	2,000	2,000	2,000	2,000	0	10,597
32184	Rowlett Interceptor Rehab	256	INT, CO, CP, RB, UF	2,077	1,308	2,000	2,000	2,000	2,000	0	11,385
32186	Walnut-I	257	RB, UF	0	425	1,150	2,500	0	0	0	4,075
32187	S.H. 190 Catalyst Area	258	RB, UF	149	486	0	0	0	0	0	635
32188	Field Operations Center	259	CP, RB, UF	18	432	5,303	0	0	0	0	5,753
32190	Rehab Sewer Collec. Mains in Dirt Alleys	260	CP, RB, UF	20	4,230	2,000	2,000	2,000	2,000	0	12,250
33028	Rowlett Creek WWTP Processes Imprvmts.	261	CP, RB, UF	3,232	10,413	1,900	6,450	2,115	5,400	41,000	70,510
33029	Rowlett Creek WWTP Replacements/Mods.	262	CF, CP, RB, UF	1,485	5,259	2,900	6,800	700	700	700	18,544
33032	Rowlett Creek Admin. Building Renovation	263	RB, UF	204	2,518	0	0	0	0	0	2,722
34027	Duck Creek WWTP Replacements/Mods.	264	INT, CF, RB, UF	1,068	4,252	3,100	2,750	2,400	1,200	1,200	15,970
34038	Duck Creek WWTP Processes Imprvmts.	265	CF, RB, UF	2,383	2,400	3,200	3,000	10,800	9,500	50,167	81,450
34040	Duck Creek WWTP Odor Control	266	CP, RB, UF	470	7,400	6,200	4,300	6,300	1,500	2,200	28,370
34041	Rowlett Creek WWTP Crane	267	CF	0	400	0	0	0	0	0	400
<b>Total</b>				<b>\$ 26,231</b>	<b>\$ 68,477</b>	<b>\$ 38,833</b>	<b>\$ 40,880</b>	<b>\$ 37,395</b>	<b>\$ 33,430</b>	<b>\$ 95,267</b>	<b>\$ 340,513</b>
Total Existing CO's/RB's/Current Funds/Interest				\$ 26,231	\$ 41,987	\$ 3,300	\$ 882	\$ 0	\$ 0	\$ 0	\$ 72,400
Total 2020 Revenue Bonds/Commercial Paper				0	26,490	0	0	0	0	0	26,490
Total Unfunded				0	0	35,533	39,998	37,395	33,430	95,267	241,623
<b>Total</b>				<b>\$ 26,231</b>	<b>\$ 68,477</b>	<b>\$ 38,833</b>	<b>\$ 40,880</b>	<b>\$ 37,395</b>	<b>\$ 33,430</b>	<b>\$ 95,267</b>	<b>\$ 340,513</b>

**Wastewater  
(Calendar Year 2020)  
(In 000's Dollars)  
UNAPPROVED PROJECTS**

Project Number	Project Title	Page	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
33030	Rowlett Creek Maint. Center Renovations	269	\$ 0	\$ 0	\$ 800	\$ 3,500	\$ 0	\$ 0	\$ 0	\$ 4,300
Total			\$ 0	\$ 0	\$ 800	\$ 3,500	\$ 0	\$ 0	\$ 0	\$ 4,300

**Wastewater  
(Calendar Year 2020)  
(In 000's Dollars)  
DEBT ISSUANCE REQUIREMENTS**

Project Number	Project Title	Page	Project Status	2020	2021	2022	2023	2024	2025 to Completion	Project Total
32124	Infiltration Correction - Various	245	Appr.	\$ 500	\$ 1,700	\$ 1,700	\$ 1,700	\$ 1,700	\$ 0	\$ 7,300
32147	Sewer Collections Mains - Manholes	246	Appr.	500	1,000	1,000	1,000	1,000	0	4,500
32148	Sanitary Sewer Taps - New or Relocations	247	Appr.	80	80	80	80	80	0	400
32149	Collection Mains	248	Appr.	3,500	2,500	2,500	2,500	2,500	0	13,500
32151	Sewer Lift Station Rehab	249	Appr.	0	0	39	100	150	0	289
32154	Cured-in-Place Pipe Main & Lateral Rehab	250	Appr.	1,000	1,000	1,000	1,000	1,000	0	5,000
32157	Relocation of Mains Prior to Paving	251	Appr.	0	2,700	2,700	2,700	2,700	0	10,800
32161	Rowl-I - Campbell to Shiloh	252	Appr.	1,600	0	0	0	0	0	1,600
32174	Lift Station Abandonment	253	Appr.	140	0	0	0	0	0	140
32183	Duck Creek Interceptor Rehab	255	Appr.	2,000	2,000	2,000	2,000	2,000	0	10,000
32184	Rowlett Interceptor Rehab	256	Appr.	1,200	2,000	2,000	2,000	2,000	0	9,200
32186	Walnut-I	257	Appr.	0	1,150	2,500	0	0	0	3,650
32188	Field Operations Center	259	Appr.	200	5,303	0	0	0	0	5,503
32190	Rehab Sewer Collec. Mains in Dirt Alleys	260	Appr.	2,300	2,000	2,000	2,000	2,000	0	10,300
33028	Rowlett Creek WWTP Processes Imprvmts.	261	Appr.	4,300	1,900	6,450	2,115	5,400	41,000	61,165
33029	Rowlett Creek WWTP Replacements/Mods.	262	Appr.	2,200	2,900	6,800	700	700	700	14,000
33030	Rowlett Creek Maint. Center Renovations	269	Unappr.	0	800	3,500	0	0	0	4,300
34027	Duck Creek WWTP Replacements/Mods.	264	Appr.	0	3,100	2,750	2,400	1,200	1,200	10,650
34038	Duck Creek WWTP Processes Imprvmts.	265	Appr.	0	0	2,179	10,800	9,500	50,167	72,646
34040	Duck Creek WWTP Odor Control	266	Appr.	6,970	6,200	4,300	6,300	1,500	2,200	27,470
Total				<u>\$ 26,490</u>	<u>\$ 36,333</u>	<u>\$ 43,498</u>	<u>\$ 37,395</u>	<u>\$ 33,430</u>	<u>\$ 95,267</u>	<u>\$ 272,413</u>
Total Approved				\$ 26,490	\$ 35,533	\$ 39,998	\$ 37,395	\$ 33,430	\$ 95,267	\$ 268,113
Total Unapproved				0	800	3,500	0	0	0	4,300
Total				<u>\$ 26,490</u>	<u>\$ 36,333</u>	<u>\$ 43,498</u>	<u>\$ 37,395</u>	<u>\$ 33,430</u>	<u>\$ 95,267</u>	<u>\$ 272,413</u>

<b>PROJECT TITLE</b> <b>INFILTRATION CORRECTION - VARIOUS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32124	<b>ACCOUNT NO(S).</b> 230-4149-3212400 234-4149-3212400	
<b>PROJECT DESCRIPTION</b> The purpose of this project is to provide for the systematic and ongoing correction of major sources of infiltration/inflow into the City's relatively old sanitary sewer system through rehabilitation or replacement of substandard mains identified through various means, including flow monitoring and closed circuit television cameras. The projects scheduled for 2020 are Noble Lane from Gallahad to Drawbridge, Victoria Drive from Edna Smith to Buckingham, Lake Shore Drive from Jonandrea to Jonandrea, and Carroll Drive from Douglas to Glenbrook.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 127,510	
Design	123	200	200	200	200	200		1,123	Interest 1,375,000	
Land/Right-of-Way									Commercial Paper Issue 500,000	
Construction	2,200	3,281	1,500	1,500	1,500	1,500		11,481	Current Funds 1,371,990	
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	2,323	3,481	1,700	1,700	1,700	1,700		12,604		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 3,374,500</b>	
Current Funds	1,747	1,000						2,747	<b>UNFUNDED \$ 6,800,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 10,174,500</b>	
GO's Unissued										
RB's/Com. Paper	2,557	500						3,057		
Certificates of Obligation										
Other										
<b>Unfunded</b>			1,700	1,700	1,700	1,700		6,800		
<b>TOTAL SOURCES</b>	4,304	1,500	1,700	1,700	1,700	1,700		12,604		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>SEWER COLLECTIONS MAINS - MANHOLES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32147	<b>ACCOUNT NO(S).</b> 230-4149-3214700 237-4149-3214700			
<b>PROJECT DESCRIPTION</b> This project provides for the replacement, repair, and/or addition of manholes that provide access to the sanitary sewer collection system throughout the city. Beginning at the Duck Creek Wastewater Treatment Plant, existing concrete manholes on the old 48-inch interceptor will be relined to extend the asset's useful life. The plan is to replace manholes where the sewer line is in the bottom of Duck Creek and Rowlett Creek.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 898,461	Commercial Paper Issue 1,480,000	CF/Interest 400,000
Design		31							31			
Land/Right-of-Way												
Construction		1,169	1,578	1,000	1,000	1,000	1,000		6,747			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>		1,200	1,578	1,000	1,000	1,000	1,000		6,778			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 2,778,461</b>		
Current Funds		400							400	<b>UNFUNDED \$ 4,000,000</b>		
GO's/Com. Paper Issued										<b>PROJECT TOTAL \$ 6,778,461</b>		
GO's Unissued												
RB's/Com. Paper		1,878	500						2,378	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation										Design		
Other										Land/Right-of-Way		
<b>Unfunded</b>				1,000	1,000	1,000	1,000		4,000	Construction		
<b>TOTAL SOURCES</b>		2,278	500	1,000	1,000	1,000	1,000		6,778	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>SANITARY SEWER TAPS - NEW OR RELOCATIONS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32148	<b>ACCOUNT NO(S).</b> 230-4149-3214800
<b>PROJECT DESCRIPTION</b> This project provides for the installation of new sewer taps for residential, commercial, or industrial users where no tap currently exists. It also provides for the relocation of existing taps where customers are unable to use the existing taps.								<b>PROJECT MAP</b>	
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>	
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 123,259
Design	31							31	Commercial Paper Issue 80,000
Land/Right-of-Way									
Construction	52	120	80	80	80	80		492	
Equip. & Furnish.									
Other									
<b>TOTAL COSTS</b>	83	120	80	80	80	80		523	
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 203,259</b>
Current Funds									<b>UNFUNDED \$ 320,000</b>
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 523,259</b>
GO's Unissued									
RB's/Com. Paper	123	80						203	<b>PROJECT SCHEDULE</b>
Certificates of Obligation									<b>START</b>
Other									<b>FINISH</b>
<b>Unfunded</b>			80	80	80	80		320	Design
<b>TOTAL SOURCES</b>	123	80	80	80	80	80		523	Land/Right-of-Way
									Construction
									<b>TOTAL SCHEDULE</b>
									(Ongoing
									Project)

<b>PROJECT TITLE</b> <b>COLLECTION MAINS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32149		<b>ACCOUNT NO(S).</b> 230-4149-3214900 237-4149-3214900		
<b>PROJECT DESCRIPTION</b> This project provides for the replacement of substandard sanitary sewer mains that have deteriorated beyond repair and includes the installation of new or expansion of existing sewer collection mains. The costs identified include labor, materials, outside contractors, engineering design, and all other expenses associated with sewer main installation/replacement. Projects identified for 2020 include the design and construction of Miller Road from Williams to Glenbrook, Keele Drive from Mayfield to Centerville, Patrica/Morningside Alley from Mockingbird to Miller, Morningside/Arrow Alley from West Way to Miller, Arrow/West Way Alley from West Way to Arrow, CeOra/West Way Alley from Arrow to end, Haskell Street from Main to Avenue A, Second Street from Main to Avenue A, Avenue A from First to Third, Ballinger Drive from Kingsley to the end, and Bonita Drive from Kingsley to Axe.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This project will have a minor positive impact on the Operating Budget. Replacement of deteriorated sewer lines will reduce the number of repeat service calls to an affected area.				<b>FUNDING SOURCE(S)</b>				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.            \$ 6,138,776		
Design		1,429	525	525	525	525	525		4,054	Commercial Paper Issue        3,500,000		
Land/Right-of-Way												
Construction		2,184	5,501	1,975	1,975	1,975	1,975		15,585			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>		3,613	6,026	2,500	2,500	2,500	2,500		19,639			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$ <u>9,638,776</u>		
Current Funds										UNFUNDED                \$ <u>10,000,000</u>		
GO's/Com. Paper Issued										PROJECT TOTAL            \$ <u>19,638,776</u>		
GO's Unissued												
RB's/Com. Paper		6,139	3,500						9,639	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation										Design		
Other										Land/Right-of-Way		
<b>Unfunded</b>				2,500	2,500	2,500	2,500		10,000	Construction		
<b>TOTAL SOURCES</b>		6,139	3,500	2,500	2,500	2,500	2,500		19,639	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>SEWER LIFT STATION REHAB</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All					
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32151		<b>ACCOUNT NO(S).</b> 230-4149-3215100 237-4149-3215100					
<b>PROJECT DESCRIPTION</b> The purpose of this project is to enhance the reliability and maintain/extend the useful life of sewer lift station infrastructure through time-phased equipment replacement at the Chaha, Windridge, Zion 1, Zion 2, Eastern Hills, Pepperwood, and Duck Creek Lift Stations. This project also includes installation of a fiber optic system for enhanced monitoring of all lift stations.								<b>PROJECT MAP</b>							
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> The annual time-phased replacement of infrastructure will provide for the continuous improvement of the overall reliability and operating efficiency of the sewer lift station systems.								<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.            \$    182,392					
Design										CF/Interest                            261,477					
Land/Right-of-Way															
Construction		182	100	100	100	100	150		732						
Equip. & Furnish.															
Other															
<b>TOTAL COSTS</b>		182	100	100	100	100	150		732						
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$    443,869					
Current Funds		261							261	UNFUNDED                 \$    289,000					
GO's/Com. Paper Issued										PROJECT TOTAL            \$    732,869					
GO's Unissued															
RB's/Com. Paper		182							182	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>			
Certificates of Obligation										Design					
Other										Land/Right-of-Way					
<b>Unfunded</b>					39	100	150		289	Construction					
<b>TOTAL SOURCES</b>		443			39	100	150		732	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)			

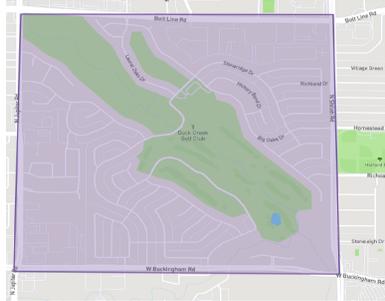
<b>PROJECT TITLE</b> <b>CURED-IN-PLACE PIPE MAIN &amp; LATERAL REHAB</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32154	<b>ACCOUNT NO(S).</b> 230-4149-3215400	
<b>PROJECT DESCRIPTION</b> This project provides for the rehabilitation of City mainline and for pipe ranging in size from 6-inch up to 30-inch in diameter. Relining and pipe bursting improves the flow characteristics and reduces infiltration.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> This project will have a positive impact on both Wastewater Treatment Plants and sanitary sewer collection mains. Reducing infiltration/inflow volume reduces the amount of rainwater to be treated, and maintenance costs may be reduced when existing sewer pipe becomes new pipe.		<b>FUNDING SOURCE(S)</b>
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.           \$ 3,185,243	
Design	2,335							2,335	Commercial Paper Issue       1,000,000	
Land/Right-of-Way										
Construction		1,850	1,000	1,000	1,000	1,000		5,850		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	2,335	1,850	1,000	1,000	1,000	1,000		8,185		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED       \$ 4,185,243</b>	
Current Funds									<b>UNFUNDED         \$ 4,000,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL     \$ 8,185,243</b>	
GO's Unissued										
RB's/Com. Paper	3,185	1,000						4,185	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>			1,000	1,000	1,000	1,000		4,000	Design	
<b>TOTAL SOURCES</b>	3,185	1,000	1,000	1,000	1,000	1,000		8,185	Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>RELOCATION OF MAINS PRIOR TO PAVING</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32157	<b>ACCOUNT NO(S).</b> 230-4149-3215700		
<b>PROJECT DESCRIPTION</b> The relocations of wastewater mains prior to paving are necessary to maintain adequate water service, avoid utility conflicts, and upgrade the wastewater collection system, and includes the costs of labor, materials, outside contractors, and engineered drawings. The proposed water lines to be relocated in 2020 in conjunction with Street Department and Engineering Department projects are Field Knoll Drive from Dove Meadow to end, State Street/Main Street Alley from Sixth Street to Seventh Street, Main Street/Avenue A Alley from Seventh to Fifth, Middleglen Drive from Avalon to Villa Ridge, Daugherty Drive from Delano to First, Carroll Drive from Saturn to Lamesa, Daytona Drive from Tampa to Bobtown, Hartford Drive from Nickens to Thistle, Arcady Drive from Linda to end, Glenbrook Drive from Carroll to Centerville, Interstate 635 from Leon to Northwest Highway, Bobtown Road from Country Club to Waterhouse, Waterhouse Boulevard from Bobtown to Hayman, and the Kingsbridge Drainage Channel from Glenbrook to North Garland.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This project will have a positive impact on the Operating Budget due to reduced maintenance on the new lines.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.                    \$ 12,790,066		
Design	264	100	700	700	700	700		3,164			
Land/Right-of-Way											
Construction	3,701	8,725	2,000	2,000	2,000	2,000		20,426			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	3,965	8,825	2,700	2,700	2,700	2,700		23,590			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 12,790,066</b>		
Current Funds									<b>UNFUNDED        \$ 10,800,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$ 23,590,066</b>		
GO's Unissued											
RB's/Com. Paper	12,790							12,790	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>			2,700	2,700	2,700	2,700		10,800	Design		
<b>TOTAL SOURCES</b>	12,790		2,700	2,700	2,700	2,700		23,590	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>ROWL-I - CAMPBELL TO SHILOH</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1		
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 32161		<b>ACCOUNT NO(S).</b> 230-4149-3216100 236-4149-3216100		
<b>PROJECT DESCRIPTION</b> This project is for the replacement of two aerial sewer crossings at Highway 78 and Rowlett Creek. These aerials could be damaged by debris in the creek, especially during heavy rain events, and need to be redesigned to help prevent any future sewer spills into Rowlett Creek.								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				This pipeline is vital to the collection system, and this project will have a positive impact on the Operating Budget by locating sources of inflow/infiltration where pipe/manholes need to be rehabilitated and by extending the asset's useful life.				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design		5	100						105	Revenue Bonds Iss.	\$ 430,754	
Land/Right-of-Way										Cert. of Oblig. Issued	270,000	
Construction		975	2,491						3,466	Commercial Paper Issue	1,950,000	
Equip. & Furnish.										CF/Interest	920,000	
Other												
<b>TOTAL COSTS</b>		980	2,591						3,571			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 3,570,754</b>		
Current Funds		920							920	<b>UNFUNDED \$ _____</b>		
GO's/Com. Paper Issued										<b>PROJECT TOTAL \$ 3,570,754</b>		
GO's Unissued												
RB's/Com. Paper		781	1,600						2,381	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation		270							270	Design	03/2019	03/2020
Other										Land/Right-of-Way		
<b>Unfunded</b>										Construction	04/2020	12/2020
<b>TOTAL SOURCES</b>		1,971	1,600						3,571	<b>TOTAL SCHEDULE</b>	03/2014	12/2020

<b>PROJECT TITLE</b> <b>LIFT STATION ABANDONMENT</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32174	<b>ACCOUNT NO(S).</b> 230-4149-3217400		
<b>PROJECT DESCRIPTION</b> This project provides for design and construction costs required to abandon the Eastern Hills Lift Station, reestablish gravity sewer flow, and provide sewer interceptor for Eastern Hills Golf Course property development.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This project will have a positive impact on the Operating Budget by eliminating operations and maintenance costs associated with lift station operations.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.            \$      50,000		
Design	11							11	Commercial Paper Issue      140,000		
Land/Right-of-Way									CF/Interest                      549,544		
Construction		729						729			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	11	729						740			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    739,544</b>		
Current Funds	550							550	<b>UNFUNDED            \$                   </b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$    739,544</b>		
GO's Unissued											
RB's/Com. Paper	50	140						190	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design		
									Land/Right-of-Way		
									Construction		
<b>TOTAL SOURCES</b>	600	140						740	<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

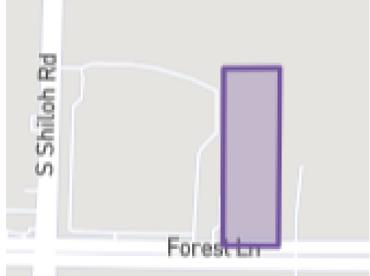
<b>PROJECT TITLE</b> <b>DUCK CREEK GREENBELT TRAIL EXTENSION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 3 and 4		
<b>DEPARTMENT</b> Parks, Recreation & Cultural Arts				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 32181		<b>ACCOUNT NO(S).</b> 230-2499-3218100 235-2499-3218100		
<b>PROJECT DESCRIPTION</b> Excavation for the Duck Creek Sanitary Sewer Interceptor project caused disruptions to portions of City of Garland park land. Restoration of that park land includes extension of a hike and bike trail east of the I.H. 30 corridor and Belt Line Road area that will provide access for Garland residents to parks, natural areas, and an elementary school along the Duck Creek interceptor line south of Guthrie Road. Two of the three easements have been acquired, with acquisition of the final remaining pedestrian and access easement underway. This segment of concrete trail in the Duck Creek Corridor will link with the existing trail in Arnold and Carol Ablon Park. This project is managed by the Parks, Recreation & Cultural Arts Department.								<b>PROJECT MAP</b> 				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> This project may impact the 2019-20 Operating Budget with the addition of trimming, edging, and litter pickup along approximately one-half mile of concrete trail.								
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design		56	194						250	Revenue Bonds Iss.	\$ 36,026	
Land/Right-of-Way										Current Funds	1,454,000	
Construction			1,240						1,240			
Equip. & Furnish.												
Other												
<b>TOTAL COSTS</b>		56	1,434						1,490			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED</b> \$ <u>1,490,026</u>		
Current Funds		1,454							1,454	<b>UNFUNDED</b> \$ _____		
GO's/Com. Paper Issued										<b>PROJECT TOTAL</b> \$ <u>1,490,026</u>		
GO's Unissued												
RB's/Com. Paper		36							36	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation										Design	04/2008	04/2020
Other										Land/Right-of-Way		
<b>Unfunded</b>										Construction	05/2019	04/2020
<b>TOTAL SOURCES</b>		1,490							1,490	<b>TOTAL SCHEDULE</b>	04/2008	04/2020

<b>PROJECT TITLE</b> <b>DUCK CREEK INTERCEPTOR REHAB</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32183		<b>ACCOUNT NO(S).</b> 230-4149-3218300 237-4149-3218300	
<b>PROJECT DESCRIPTION</b> A comprehensive engineering study of old 48-inch concrete pipe through closed circuit television, sonar, and laser technology identified defects in manholes and pipe. This project will coordinate the rehabilitation of existing manholes of the interceptor to the Duck Creek Wastewater Treatment Plant through a proactive rehabilitation plan over the course of several years and is expected to restore the interceptor and extend the useful life of the asset. In 2020, a section of the wastewater outfall main will be relined starting near Belt Line and Jupiter heading generally southeast to Buckingham following along and in Duck Creek.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> A failure of the pipe would have a significant environmental impact. This project will have a positive impact by reducing the inflow/infiltration of rainwater into the Duck Creek WWTP.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 497,445	
Design		377							377	Commercial Paper Issue 2,000,000	
Land/Right-of-Way										CF/Interest 100,000	
Construction			2,220	2,000	2,000	2,000	2,000		10,220		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>		377	2,220	2,000	2,000	2,000	2,000		10,597		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 2,597,445	
Current Funds		100							100	UNFUNDED \$ 8,000,000	
GO's/Com. Paper Issued										PROJECT TOTAL \$ 10,597,445	
GO's Unissued											
RB's/Com. Paper		497	2,000						2,497	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>START</b>	
Other										<b>FINISH</b>	
<b>Unfunded</b>				2,000	2,000	2,000	2,000		8,000	Design	
<b>TOTAL SOURCES</b>		597	2,000	2,000	2,000	2,000	2,000		10,597	Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing Project)	

<b>PROJECT TITLE</b> <b>ROWLETT INTERCEPTOR REHAB</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 1 & 2	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32184		<b>ACCOUNT NO(S).</b> 230-4149-3218400 236-4149-3218400	
<b>PROJECT DESCRIPTION</b> A condition assessment of the 48-inch interceptor from the George Bush Tollway to the Rowlett Creek Wastewater Treatment Plant was completed in 2011, revealing deterioration of concrete pipe and manholes caused by hydrogen sulfide gas. A proactive rehabilitation plan expected to last several years is anticipated to restore the interceptor and extend the useful life of the asset. In 2020, a section of the wastewater outfall main will be relined starting near Firewheel Parkway heading generally north for approximately 2,300 feet.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				A failure of the pipe would have significant environmental impact. This project will have a positive impact by reducing the inflow/infiltration of rainwater into the Rowlett Creek WWTP.			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		2,077							2,077	Revenue Bonds Iss.	\$ 2,141,734
Land/Right-of-Way										Cert. of Oblig. Issued	8,266
Construction			1,308	2,000	2,000	2,000	2,000		9,308	Commercial Paper Issue	1,200,000
Equip. & Furnish.										CF/Interest	35,035
Other											
<b>TOTAL COSTS</b>		2,077	1,308	2,000	2,000	2,000	2,000		11,385	<b>TOTAL FUNDED</b>	<b>\$ 3,385,035</b>
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>UNFUNDED</b>	<b>\$ 8,000,000</b>
Current Funds		35							35	<b>PROJECT TOTAL</b>	<b>\$ 11,385,035</b>
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper		2,142	1,200						3,342	<b>PROJECT SCHEDULE</b>	<b>START</b>
Certificates of Obligation		8							8	Design	<b>FINISH</b>
Other										Land/Right-of-Way	
<b>Unfunded</b>				2,000	2,000	2,000	2,000		8,000	Construction	
<b>TOTAL SOURCES</b>		2,185	1,200	2,000	2,000	2,000	2,000		11,385	<b>TOTAL SCHEDULE</b>	(Ongoing Project)

<b>PROJECT TITLE</b> <b>WALNUT-I</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 6 and 8	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 32186		<b>ACCOUNT NO(S).</b> 230-4149-3218600	
<b>PROJECT DESCRIPTION</b> An existing 18-inch sanitary sewer interceptor follows the Keen Branch Drainage Creek from Yale/Classic to Duck Creek past Garrett Metal Detectors on State Street, and an Engineering Drainage CIP project scheduled for 2020 provides for construction improvements in the creek channel.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				The location of this pipe in the creek bed limits access and prevents routine maintenance from being performed. Increasing age and deterioration of the pipe may eventually allow rainwater to enter the system and increase costs at the treatment plants.			
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 425,038			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design			425	150					575		
Land/Right-of-Way											
Construction				1,000	2,500				3,500		
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>			425	1,150	2,500				4,075		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper		425							425		
Certificates of Obligation											
Other											
<b>Unfunded</b>				1,150	2,500				3,650		
<b>TOTAL SOURCES</b>		425		1,150	2,500				4,075		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		03/2018	01/2021
								Land/Right-of-Way			
								Construction		05/2021	12/2022
<b>TOTAL SCHEDULE</b>										03/2018	12/2022
								<b>TOTAL FUNDED</b>		\$ 425,038	
								<b>UNFUNDED</b>		\$ 3,650,000	
								<b>PROJECT TOTAL</b>		\$ 4,075,038	

<b>PROJECT TITLE</b> <b>S.H. 190 CATALYST AREA</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 1		
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 32187	<b>ACCOUNT NO(S).</b> 230-4149-3218700		
<b>PROJECT DESCRIPTION</b> This project identifies pipe restrictions and increases the capacity of the sanitary sewer system in the S.H. 190 Catalyst Area west of North Garland Road and north of the President George Bush Turnpike.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This project will have a positive impact on the Operating Budget due to the increased capacity of the existing sanitary sewer lines and the new sanitary sewer lines.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.                    \$    635,446		
Design	149	86						235			
Land/Right-of-Way											
Construction		400						400			
Equip. & Furnish.											
Other											
<b>TOTAL COSTS</b>	149	486						635			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$    635,446</b>		
Current Funds									<b>UNFUNDED        \$                   </b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$    635,446</b>		
GO's Unissued											
RB's/Com. Paper	635							635	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design                    06/2016            08/2020		
<b>TOTAL SOURCES</b>	635							635	Land/Right-of-Way		
									Construction            10/2018            12/2020		
									<b>TOTAL SCHEDULE</b> 06/2016            12/2020		

<b>PROJECT TITLE</b> <b>FIELD OPERATIONS CENTER</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 8	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 32188		<b>ACCOUNT NO(S).</b> 230-4149-3218800	
<b>PROJECT DESCRIPTION</b> The two existing buildings currently in use were built in the 1950s and 1970s and have roof leaks and cracks in the walls due to possible foundation problems. The utility crews in the 1970s building are overcrowded, and the Managers are located separately in the 1950s building. The combined Water/Wastewater Managers and crews work in four separate buildings but need to be together for efficiency, training, communication, and work-related issues.								<b>PROJECT MAP</b> 			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u> Annual Cost/(Savings): Personnel _____ Operations _____ Capital _____ Total \$ _____				<b>IMPACT EXPLANATION</b> This project should have a favorable impact on the Operating Budget due to maintenance costs (water, sewer, AC, heating, phone, computer networks, and cleaning) in one building being more efficient than those costs in four separate structures.							
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>	
Design		18	432	318					768	Revenue Bonds Iss. \$ 250,000	
Land/Right-of-Way										Commercial Paper Issue 200,000	
Construction				4,122					4,122		
Equip. & Furnish.				341					341		
Other				522					522		
<b>TOTAL COSTS</b>		18	432	5,303					5,753		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds											
GO's/Com. Paper Issued											
GO's Unissued											
RB's/Com. Paper		250	200						450		
Certificates of Obligation											
Other											
<b>Unfunded</b>				5,303					5,303		
<b>TOTAL SOURCES</b>		250	200	5,303					5,753		
								<b>PROJECT SCHEDULE</b>		<b>START</b>	<b>FINISH</b>
								Design		06/2019	12/2021
								Land/Right-of-Way			
								Construction		06/2020	09/2021
<b>TOTAL SCHEDULE</b>										06/2019	12/2021
								<b>TOTAL FUNDED</b>		\$ 450,000	
								<b>UNFUNDED</b>		\$ 5,303,000	
								<b>PROJECT TOTAL</b>		\$ 5,753,000	

<b>PROJECT TITLE</b> <b>REHAB SEWER COLLEC. MAINS IN DIRT ALLEYS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Wastewater Collection				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 32190	<b>ACCOUNT NO(S).</b> 230-4149-3219000	
<b>PROJECT DESCRIPTION</b> Sewer mains made of clay and among the oldest in the city that lay under dirt alleys are primary sources of stoppages, protruding taps that block closed circuit television cameras from displaying images between manholes, and are more difficult for crews to access in wet weather. The following locations have been identified by employees as those that are visited repeatedly and are targeted for rehabilitation/replacement: Cedar/Cedar Circle, Parkway/South Fifth from Cedar to Edgefield, Westchester/Sherwood from Miller to Sherwood, Redell/Ann from Clinton to Walnut, Larry/Old Orchard from Kingsley to Parkmont, Randolph/Cranford from Lamesa to end, Austin/State from First to end, Susan/Cherrywood from Curtis to Dairy, Tensley/Dairy from Susan to High Meadow, Beverly/LaVista from Dairy to Cutis, Rilla/Parking Lot from Broadway to Keen, Ancilla/Place 1 from Glenville to Plano, Danville/Concord from Glenville to Plano, Fordham/Danville from Glenville to Plano, and Lawler/Hunington from Glenville to Plano.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				This project will have a positive impact on the Operating Budget. Crews will not repeatedly spend time and resources removing stoppages. Replacing old clay pipe and taps, installing City cleanouts, and replacing brick manholes in the existing ditch allow cost-saving and avoid engineer design costs.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 1,950,000 Commercial Paper Issue 2,300,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	20	200	200	200	200	200		1,020		
Land/Right-of-Way										
Construction		4,030	1,800	1,800	1,800	1,800		11,230		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	20	4,230	2,000	2,000	2,000	2,000		12,250		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	1,950	2,300						4,250		
Certificates of Obligation										
Other										
<b>Unfunded</b>			2,000	2,000	2,000	2,000		8,000		
<b>TOTAL SOURCES</b>	1,950	2,300	2,000	2,000	2,000	2,000		12,250		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing	Project)	

<b>PROJECT TITLE</b> <b>ROWLETT CREEK WWTP PROCESSES IMPRVMTS.</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Rowlett Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 33028	<b>ACCOUNT NO(S).</b> 230-4149-3302800 237-4149-3302800	
<b>PROJECT DESCRIPTION</b> This project provides for improvements to monitoring control systems (SCADA), odor control, plant structures, and process improvements. Design work to replace the existing sand filters with cloth filters began in 2019, and construction will start in 2020 and end in 2021. Primary Clarifiers 1 and 2 will be rehabbed in 2020. The preliminary design for UV Disinfection will be performed in 2023. In 2024, major process improvements for the reduction in nutrient discharges, as mandated by the EPA/TCEQ, will begin.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> Annual Operating Budget cost growth should be limited to inflation only because the proposed improvements should increase the overall reliability, safety, energy conservation, operating efficiency, and maintenance characteristics of the City's existing wastewater treatment infrastructure.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 1,659,770 Commercial Paper Issue 11,985,000		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	116	310	600	250	500	800	41,000	43,576		
Land/Right-of-Way										
Construction	2,886	10,003	1,200	6,100	1,515	4,500		26,204		
Equip. & Furnish.	230	100	100	100	100	100		730		
Other										
<b>TOTAL COSTS</b>	3,232	10,413	1,900	6,450	2,115	5,400	41,000	70,510		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds										
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	9,345	4,300						13,645		
Certificates of Obligation										
Other										
<b>Unfunded</b>			1,900	6,450	2,115	5,400	41,000	56,865		
<b>TOTAL SOURCES</b>	9,345	4,300	1,900	6,450	2,115	5,400	41,000	70,510		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>ROWLETT CREEK WWTP REPLACEMENTS/MODS.</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Rowlett Creek - Wastewater Treatment					<b>PROJECT STATUS</b> Ongoing Program			<b>PROJECT NO(S).</b> 33029		<b>ACCOUNT NO(S).</b> 230-4149-3302900 235-4149-3302900	
<b>PROJECT DESCRIPTION</b> The objective of this program is to enhance reliability and extend the useful life of the City's existing wastewater treatment infrastructure through the time-phased replacement, rehabilitation, and disposal of facilities, systems, and equipment incapable of providing required levels of service due to either normal wear-and-tear, deterioration by physical or organic elements, new production or service demands, or obsolescence following continuing state-of-the-art advancements in the industry's technology. In 2019, the design was completed and construction started on an additional final lift pump and the updating of the electrical gear for the Rowlett Creek Lift Station Electrical Building and will be completed in 2020. Also in 2020, a 30-year old Raw Water Lift Pump is due for replacement as well as the start of Trickle Filter Improvements. In 2021, the design and construction of the secondary clarifier mechanisms and the design of the aeration blower replacements will commence. In 2022, the aeration blowers will be replaced.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Annual Operating Budget cost growth should be limited to inflation only because the proposed improvements should increase the overall reliability, safety, energy conservation, operating efficiency, and maintenance characteristics of the City's existing wastewater treatment infrastructure.			
<b>FUNDING SOURCE(S)</b>											
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 192,884	
Design		330	300	700	100	100	100	100	1,730	Commercial Paper Issue 6,403,537	
Land/Right-of-Way										Current Funds 147,823	
Construction		1,155	4,659	2,100	6,600	500	500	500	16,014		
Equip. & Furnish.											
Other			300	100	100	100	100	100	800		
<b>TOTAL COSTS</b>		1,485	5,259	2,900	6,800	700	700	700	18,544		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 6,744,244	
Current Funds		148							148	UNFUNDED \$ 11,800,000	
GO's/Com. Paper Issued										PROJECT TOTAL \$ 18,544,244	
GO's Unissued											
RB's/Com. Paper		4,396	2,200						6,596	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>START</b>	
Other										<b>FINISH</b>	
<b>Unfunded</b>				2,900	6,800	700	700	700	11,800	Design	
<b>TOTAL SOURCES</b>		4,544	2,200	2,900	6,800	700	700	700	18,544	Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing	
										Project)	

<b>PROJECT TITLE</b> <b>ROWLETT CREEK ADMIN. BUILDING RENOVATION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2	
<b>DEPARTMENT</b> Rowlett Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 33032	<b>ACCOUNT NO(S).</b> 230-4229-3303200 237-4229-3303200	
<b>PROJECT DESCRIPTION</b> The current Administration Building is over 25 years old, and the storage area does not meet the current needs of the Industrial Pretreatment staff. This new renovation will provide more functionality for the Administrative and Pretreatment staff while addressing storage needs and modernization of aging infrastructure. In addition, the project includes a cost increase from \$1.3M to \$2.6M due to the need for new roofing, replacement of exterior windows, and site work needed to improve drainage around the building and prevent water from entering the building at multiple locations as is currently experienced during heavy rains.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss.           \$ 2,722,399	
Design	204							204		
Land/Right-of-Way										
Construction		2,177						2,177		
Equip. & Furnish.		106						106		
Other		235						235		
<b>TOTAL COSTS</b>	204	2,518						2,722		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED   \$ 2,722,399</b>	
Current Funds									<b>UNFUNDED       \$ _____</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL   \$ 2,722,399</b>	
GO's Unissued										
RB's/Com. Paper	2,722							2,722	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation									<b>START</b>	
Other									<b>FINISH</b>	
<b>Unfunded</b>									Design           08/2018   11/2019	
<b>TOTAL SOURCES</b>	2,722							2,722	Land/Right-of-Way	
									Construction   11/2019   05/2020	
									<b>TOTAL SCHEDULE</b> 08/2018   07/2020	

<b>PROJECT TITLE</b> <b>DUCK CREEK WWTP REPLACEMENTS/MODS.</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A	
<b>DEPARTMENT</b> Duck Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 34027	<b>ACCOUNT NO(S).</b> 230-4239-3402700 235-4239-3402700	
<b>PROJECT DESCRIPTION</b> The objective of this program is to enhance reliability and extend the useful life of the City's existing wastewater treatment infrastructure through the time-phased replacement, rehabilitation, and disposal of facilities, systems, and equipment incapable of providing required levels of service due to either normal wear-and-tear, deterioration by physical or organic elements, new production or service demands, or obsolescence following continuing state-of-the-art advancements in the industry's technology. In 2020, the backup generator project design will be completed and construction will start. Construction will finish in 2021. The replacement mechanisms for secondary clarifiers one through four will be in design in 2021 and replaced in 2022.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Annual Operating Budget cost growth should be limited to inflation only because the proposed improvements should increase the overall reliability, safety, energy conservation, operating efficiency, and maintenance characteristics of the City's existing wastewater treatment infrastructure.		
<b>FUNDING SOURCE(S)</b>								Revenue Bonds Iss. \$ 2,836,481 Interest 111,355 Current Funds 2,158,417		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Design	418	400	400	250	100	100	100	1,768		
Land/Right-of-Way										
Construction	216	3,552	2,500	2,400	2,200	1,000	1,000	12,868		
Equip. & Furnish.	434	300	200	100	100	100	100	1,334		
Other										
<b>TOTAL COSTS</b>	1,068	4,252	3,100	2,750	2,400	1,200	1,200	15,970		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	2,484							2,484		
GO's/Com. Paper Issued										
GO's Unissued										
RB's/Com. Paper	2,836							2,836		
Certificates of Obligation										
Other										
<b>Unfunded</b>			3,100	2,750	2,400	1,200	1,200	10,650		
<b>TOTAL SOURCES</b>	5,320		3,100	2,750	2,400	1,200	1,200	15,970		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing		Project)

<b>PROJECT TITLE</b> <b>DUCK CREEK WWTP PROCESSES IMRPVMTS.</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> N/A	
<b>DEPARTMENT</b> Duck Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 34038	<b>ACCOUNT NO(S).</b> 230-4239-3403800 235-4239-3403800	
<b>PROJECT DESCRIPTION</b> This project provides for improvements to monitoring control systems (SCADA), additional generator capacity, plant structures, and process improvements. In 2020, Trickling Filter Media replacement will commence with the replacement of one filter per year. Also in 2020, the preliminary evaluation for additional wet weather storage will start. The design will start in 2021 and construction will commence in 2023 for the wet weather storage facility. In 2023, design will begin for the conversion from Dual Media Filters to Cloth Filter Media. In 2024, the construction for the new filters will begin. In 2024, the preliminary design for UV Disinfection and major process improvements for the reduction in nutrient discharges, as mandated by the EPA/TCEQ, will begin.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>FUNDING SOURCE(S)</b>		
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 1,088,614	
Design	127	250	800	600	1,500	1,600	1,600	6,477	Current Funds 397,664	
Land/Right-of-Way										
Construction	1,889	2,000	2,100	2,100	9,000	7,600	48,567	73,256		
Equip. & Furnish.	367	150	300	300	300	300		1,717		
Other										
<b>TOTAL COSTS</b>	<b>2,383</b>	<b>2,400</b>	<b>3,200</b>	<b>3,000</b>	<b>10,800</b>	<b>9,500</b>	<b>50,167</b>	<b>81,450</b>		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 1,486,278</b>	
Current Funds	398							398	<b>UNFUNDED \$ 72,646,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 74,132,278</b>	
GO's Unissued										
RB's/Com. Paper	8,406							8,406		
Certificates of Obligation										
Other										
<b>Unfunded</b>				2,179	10,800	9,500	50,167	72,646		
<b>TOTAL SOURCES</b>	<b>8,804</b>			<b>2,179</b>	<b>10,800</b>	<b>9,500</b>	<b>50,167</b>	<b>81,450</b>		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>DUCK CREEK WWTP ODOR CONTROL</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Duck Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 34040	<b>ACCOUNT NO(S).</b> 230-4229-3404000	
<b>PROJECT DESCRIPTION</b> This project is in response to the Notice of Violation (NOV) that the Texas Commission on Environmental Quality (TCEQ) issued to the City of Garland on February 6, 2018. It provides for the prevention of nuisance odors from processes occurring at the Duck Creek Wastewater Treatment Plant from interfering with the normal use and enjoyment of property near the plant. In 2019, the design for the initial phase began. This phase will improve the aeration basins, add odor control devices to the sludge holding tanks, influent diversion box, and preliminary splitter box. Construction will begin in 2020 and last 20 months. In 2021, design of odor controls for the primary treatment area and headworks will start with construction to begin in 2022. In 2023, design for odor control improvements of the equalization basin. In 2024, the construction on the odor control improvements for the equalization basis will begin and is estimated to be completed in 2025.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				Operating Budget fund requirements will increase due to the added electrical power demand of the odor control units and maintenance costs.		
<b>*PROJECT COSTS</b>								<b>FUNDING SOURCE(S)</b>		
	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total	Revenue Bonds Iss. \$ 900,000	
Design	470	700	1,200	300	600	200	200	3,670	Commercial Paper Issue 6,970,000	
Land/Right-of-Way										
Construction		6,700	5,000	4,000	5,700	1,300	2,000	24,700		
Equip. & Furnish.										
Other										
<b>TOTAL COSTS</b>	470	7,400	6,200	4,300	6,300	1,500	2,200	28,370		
<b>*SOURCE OF FUNDS</b>										
	Thru 12-2019	2020	2021	2022	2023	2024	2025 to completion	Total	TOTAL FUNDED \$ <u>7,870,000</u>	
Current Funds									UNFUNDED \$ <u>20,500,000</u>	
GO's/Com. Paper Issued									PROJECT TOTAL \$ <u>28,370,000</u>	
GO's Unissued										
RB's/Com. Paper	900	6,970						7,870		
Certificates of Obligation										
Other										
<b>Unfunded</b>			6,200	4,300	6,300	1,500	2,200	20,500		
<b>TOTAL SOURCES</b>	900	6,970	6,200	4,300	6,300	1,500	2,200	28,370		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
<b>TOTAL SCHEDULE</b>								(Ongoing	Project)	

<b>PROJECT TITLE</b> <b>ROWLETT CREEK WWTP CRANE</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2		
<b>DEPARTMENT</b> Rowlett Creek - Wastewater Treatment				<b>PROJECT STATUS</b> New Project				<b>PROJECT NO(S).</b> 34041	<b>ACCOUNT NO(S).</b> 235-4229-3404100		
<b>PROJECT DESCRIPTION</b> This project is to purchase a 30-ton crane for use at the Rowlett Creek WWTP. The crane will be used for the removal and installation of pumps, sluice gates, valves, and motors from various plant process units.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> This will reduce crane rental cost.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Wastewater Transfer      \$    400,000		
Design											
Land/Right-of-Way											
Construction											
Equip. & Furnish.		400						400			
Other											
<b>TOTAL COSTS</b>		400						400			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$    400,000</b>		
Current Funds		400						400	<b>UNFUNDED      \$                   </b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$    400,000</b>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design		
<b>TOTAL SOURCES</b>		400						400	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									01/2020		
									12/2020		

## **Unapproved Submitted Projects**

<b>PROJECT TITLE</b> <b>ROWLETT CREEK MAINT. CENTER RENOVATIONS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> 2		
<b>DEPARTMENT</b> Rowlett Creek - Wastewater Treatment				<b>PROJECT STATUS</b> Unfunded Project				<b>PROJECT NO(S).</b> 33030	<b>ACCOUNT NO(S).</b> 230-4229-3303000		
<b>PROJECT DESCRIPTION</b> The current Maintenance housing area is 20 years old and has outlived its useful life. A new building will provide more functionality for Maintenance staff while addressing the need for additional capacity and modernization of aging infrastructure.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b>				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	\$ _____		
Design			300	100				400			
Land/Right-of-Way											
Construction			500	3,000				3,500			
Equip. & Furnish.				400				400			
Other											
<b>TOTAL COSTS</b>			800	3,500				4,300			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ _____		
Current Funds									UNFUNDED \$ <u>4,300,000</u>		
GO's/Com. Paper Issued									PROJECT TOTAL \$ <u>4,300,000</u>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>			800	3,500				4,300	<b>PROJECT SCHEDULE</b>		
<b>TOTAL SOURCES</b>			800	3,500				4,300	<b>START</b>		
									<b>FINISH</b>		
									Design 03/2021 12/2022		
									Land/Right-of-Way		
									Construction 09/2021 12/2022		
									<b>TOTAL SCHEDULE</b> 03/2021 12/2022		

**Electric  
(Calendar Year 2020)  
(In 000's Dollars)  
APPROVED PROJECTS**

Project Number	Project Title	Page	Funding Source	Thru 12/31/19	2020	2021	2022	2023	2024	2025 to Completion	Project Total
31240	Residential Construction	272	CF, UF	\$ 260	\$ 868	\$ 833	\$ 873	\$ 915	\$ 959	\$ 0	\$ 4,708
31223	Communications Upgrades/Improvements	273	CF, UF	1,184	450	100	50	50	50	0	1,884
31320	Commercial and Industrial Construction	274	CF, CP, UF	979	2,558	700	700	700	700	0	6,337
31387	Transmission Lines	275	INT, CF, CP, RB, UF	20,326	29,620	14,251	920	920	920	0	66,957
31460	Street and Thoroughfare Lighting	276	CF, UF	1,485	3,554	3,555	2,599	690	722	0	12,605
31491	Relocation of Facilities	277	CF, UF	407	1,950	1,400	1,150	900	900	0	6,707
31532	Distribution Lines - Overhead	278	CF, CP, UF	3,030	7,282	5,921	6,215	6,524	6,849	0	35,821
31551	Production	279	CF	780	3,421	0	0	0	0	0	4,201
31624	Distribution Lines - Underground	280	CF, CP, UF	6,113	6,276	4,843	4,941	5,045	5,154	0	32,372
31717	Substations Upgrades	281	CF, CP, UF	20,138	42,127	12,656	1,021	524	420	0	76,886
31875	Various Improvements	282	CF, CP, RB, UF	255	438	3,400	3,300	3,200	0	0	10,593
Total				<u>\$ 54,957</u>	<u>\$ 98,544</u>	<u>\$ 47,659</u>	<u>\$ 21,769</u>	<u>\$ 19,468</u>	<u>\$ 16,674</u>	<u>\$ 0</u>	<u>\$ 259,071</u>
Total Existing CO's/RB's/Current Funds/Interest				\$ 54,957	\$ 44,835	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 99,792
Total 2020 Revenue Bonds/Commercial Paper				0	53,709	0	0	0	0	0	53,709
Total Unfunded				0	0	47,659	21,769	19,468	16,674	0	105,570
Total				<u>\$ 54,957</u>	<u>\$ 98,544</u>	<u>\$ 47,659</u>	<u>\$ 21,769</u>	<u>\$ 19,468</u>	<u>\$ 16,674</u>	<u>\$ 0</u>	<u>\$ 259,071</u>

**Electric**  
**(Calendar Year 2020)**  
**(In 000's Dollars)**  
**DEBT ISSUANCE REQUIREMENTS**

<b>Project Number</b>	<b>Project Title</b>	<b>Page</b>	<b>Project Status</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to Completion</b>	<b>Project Total</b>
31240	Residential Construction	272	Appr.	\$ 0	\$ 833	\$ 873	\$ 915	\$ 959	\$ 0	\$ 3,580
31223	Communications Upgrades/Improvements	273	Appr.	0	100	50	50	50	0	250
31320	Commercial and Industrial Construction	274	Appr.	105	700	700	700	700	0	2,905
31387	Transmission Lines	275	Appr.	13,989	14,251	920	920	920	0	31,000
31460	Street and Thoroughfare Lighting	276	Appr.	0	3,555	2,599	690	722	0	7,566
31491	Relocation of Facilities	277	Appr.	0	1,400	1,150	900	900	0	4,350
31532	Distribution Lines - Overhead	278	Appr.	4,314	5,921	6,215	6,524	6,849	0	29,823
31624	Distribution Lines - Underground	280	Appr.	2,345	4,843	4,941	5,045	5,154	0	22,328
31717	Substations Upgrades	281	Appr.	32,956	12,656	1,021	524	420	0	47,577
31875	Various Improvements	282	Appr.	0	3,400	3,300	3,200	0	0	9,900
<b>Total</b>				<b>\$ 53,709</b>	<b>\$ 47,659</b>	<b>\$ 21,769</b>	<b>\$ 19,468</b>	<b>\$ 16,674</b>	<b>\$ 0</b>	<b>\$ 159,279</b>
Total Approved				\$ 53,709	\$ 47,659	\$ 21,769	\$ 19,468	\$ 16,674	\$ 0	\$ 159,279
Total Unapproved				0	0	0	0	0	0	0
<b>Total</b>				<b>\$ 53,709</b>	<b>\$ 47,659</b>	<b>\$ 21,769</b>	<b>\$ 19,468</b>	<b>\$ 16,674</b>	<b>\$ 0</b>	<b>\$ 159,279</b>

<b>PROJECT TITLE</b> <b>RESIDENTIAL CONSTRUCTION</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Ongoing Program				<b>PROJECT NO(S).</b> 31240		<b>ACCOUNT NO(S).</b> 215-3291-3124001	
<b>PROJECT DESCRIPTION</b> The Residential Construction Program provides for the construction of new residential facilities and for the replacement of overhead and underground residential services as needed due to system aging and failures. This program also includes the installation of new ERT meters.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	GP&L Transfer                    \$    868,000	
Design		203	30	30	30	30	30		353	Current Funds                    259,719	
Land/Right-of-Way											
Construction		57	455	401	421	442	464		2,240		
Equip. & Furnish.			383	402	422	443	465		2,115		
Other											
<b>TOTAL COSTS</b>		260	868	833	873	915	959		4,708		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED            \$ <u>1,127,719</u>	
Current Funds		260	868						1,128	UNFUNDED                \$ <u>3,580,000</u>	
GO's/Com. Paper Issued										PROJECT TOTAL            \$ <u>4,707,719</u>	
GO's Unissued											
RB's/Com. Paper										<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>START</b>	<b>FINISH</b>
Other										Design	
<b>Unfunded</b>				833	873	915	959		3,580	Land/Right-of-Way	
<b>TOTAL SOURCES</b>		260	868	833	873	915	959		4,708	Construction	
<b>TOTAL SCHEDULE</b>										(Ongoing	Project)

<b>PROJECT TITLE</b> <b>COMMUNICATIONS UPGRADES/IMPROVEMENTS</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Electric Energy Operations				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31223	<b>ACCOUNT NO(S).</b> 210-3699-3122301 210-3699-3129601	
<b>PROJECT DESCRIPTION</b> The Communications Upgrades/Improvements Program includes funding for software, hardware, and equipment upgrades to the GP&L system needed to meet ERCOT and regulatory requirements and to enhance overall system reliability and performance. Funding for 2020 includes cyber security intrusion protection software and hardware.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	GP&L Transfer \$ 200,000	
Design									Current Funds 1,434,391	
Land/Right-of-Way										
Construction	1,184							1,184		
Equip. & Furnish.		450	100	50	50	50		700		
Other										
<b>TOTAL COSTS</b>	1,184	450	100	50	50	50		1,884		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	1,434	200						1,634	TOTAL FUNDED \$ 1,634,391	
GO's/Com. Paper Issued									UNFUNDED \$ 250,000	
GO's Unissued									PROJECT TOTAL \$ 1,884,391	
RB's/Com. Paper										
Certificates of Obligation										
Other										
<b>Unfunded</b>			100	50	50	50		250		
<b>TOTAL SOURCES</b>	1,434	200	100	50	50	50		1,884		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>COMMERCIAL AND INDUSTRIAL CONSTRUCTION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31320	<b>ACCOUNT NO(S).</b> 210-3599-3132001 210-3599-3132401	
<b>PROJECT DESCRIPTION</b> The Commercial and Industrial Construction Program provides construction of aerial and underground electrical distribution facilities as necessary to provide electrical service to existing and new commercial and industrial customers. Proposed projects for 2020 include multi-use complexes, new businesses, and apartment complexes throughout the City. In particular, this program consists of projects for new business growth located around the S.H. 190 corridor, Garland Marketplace Apartments, Firewheel Lofts, and several small commercial properties.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				These projects will not impact the Operating Budget.		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue \$ 1,793,091	
Design	225	581	175	175	175	175		1,506	GP&L Transfer 601,000	
Land/Right-of-Way									Current Funds 1,143,479	
Construction	754	874	263	263	263	263		2,680		
Equip. & Furnish.		873	262	262	262	262		1,921		
Other		230						230		
<b>TOTAL COSTS</b>	979	2,558	700	700	700	700		6,337		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 3,537,570</b>	
Current Funds	1,143	601						1,744	<b>UNFUNDED \$ 2,800,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 6,337,570</b>	
GO's Unissued										
RB's/Com. Paper	1,688	105						1,793		
Certificates of Obligation										
Other										
<b>Unfunded</b>			700	700	700	700		2,800		
<b>TOTAL SOURCES</b>	2,831	706	700	700	700	700		6,337		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								Design		
								Land/Right-of-Way		
								Construction		
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>TRANSMISSION LINES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Electric Transmission				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31387	<b>ACCOUNT NO(S).</b> 210-3599-3138701 210-3599-3138901	
<b>PROJECT DESCRIPTION</b> The 2020 Transmission Lines Program includes funding to erect a new line in West Texas (Nevill Switch to Greasewood) and rebuild the Apollo to Lookout line. The program will also include supporting the rebuild of Apollo Substation by relocating circuits at the station. Partial line rebuilds will take place over Lake Lavon and Lake Ray Hubbard, which will consist of: Olinger-Ben Davis; Olinger-Wylie 1; Olinger-Wylie 2; Olinger-Wylie 3 over Lake Lavon; and, Miller-Wynn Joyce and Ben Davis-Wynn Joyce over Lake Hubbard. In addition, funding is requested for the replacement of a high reach bucket truck.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 480,387	
Design	1,656	1,998	200	200	200	200		4,454	Interest 3,000	
Land/Right-of-Way	907	520						1,427	Commercial Paper Issue 43,339,552	
Construction	17,763	15,444	12,377	300	300	300		46,484	GP&L Transfer 1,920,000	
Equip. & Furnish.		11,658	1,674	420	420	420		14,592	Current Funds 4,202,816	
Other										
<b>TOTAL COSTS</b>	20,326	29,620	14,251	920	920	920		66,957		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>		
Current Funds	4,206	1,920						6,126	TOTAL FUNDED \$ 49,945,755	
GO's/Com. Paper Issued									UNFUNDED \$ 17,011,000	
GO's Unissued									PROJECT TOTAL \$ 66,956,755	
RB's/Com. Paper	29,831	13,989						43,820		
Certificates of Obligation									<b>PROJECT SCHEDULE</b>	
Other									<b>START</b>	
<b>Unfunded</b>			14,251	920	920	920		17,011	<b>FINISH</b>	
<b>TOTAL SOURCES</b>	34,037	15,909	14,251	920	920	920		66,957	<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>STREET AND THOROUGHFARE LIGHTING</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31460	<b>ACCOUNT NO(S).</b> 210-3299-3146201 210-3299-3146301		
<b>PROJECT DESCRIPTION</b> The Street Lighting Program provides for the construction and relocation of street light circuits throughout the city as necessary to provide lighting for new and improved streets. Funding for the 2020 CIP incorporates the continued LED Streetlight Conversion project to convert existing residential and thoroughfare street lighting to LED-type lighting as well as pole change-outs. This program also includes the installation of a streetlight management control system in conjunction with the LED Streetlight Conversion project.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	GP&L Transfer                    \$ 2,552,000		
Design	284	813	889	649	172	180		2,987	Current Funds                    2,487,463		
Land/Right-of-Way											
Construction	1,201	1,222	1,333	975	259	271		5,261			
Equip. & Furnish.		1,220	1,333	975	259	271		4,058			
Other		299						299			
<b>TOTAL COSTS</b>	<b>1,485</b>	<b>3,554</b>	<b>3,555</b>	<b>2,599</b>	<b>690</b>	<b>722</b>		<b>12,605</b>			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED            \$ 5,039,463</b>		
Current Funds	2,487	2,552						5,039	<b>UNFUNDED                \$ 7,566,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL            \$ 12,605,463</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>			3,555	2,599	690	722		7,566			
<b>TOTAL SOURCES</b>	<b>2,487</b>	<b>2,552</b>	<b>3,555</b>	<b>2,599</b>	<b>690</b>	<b>722</b>		<b>12,605</b>	<b>PROJECT SCHEDULE</b>		
									<b>START</b>		
									<b>FINISH</b>		
									Design		
									Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>RELOCATION OF FACILITIES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31491	<b>ACCOUNT NO(S).</b> 215-3293-3149101 215-3299-3149301		
<b>PROJECT DESCRIPTION</b> Funds for the Relocation Program are used to relocate GP&L facilities as required for City street projects and utility needs. Anticipated and ongoing relocations for 2020 include street work on median and thoroughfare and various other side street projects. The program also includes the relocation of electrical distribution facilities along Glenbrook and Saturn Road and in the English and Sussex area.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact    Personnel # of Positions <u>  0  </u> Operations Capital Total            \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Current Funds                    \$ 2,356,725		
Design	211	300	350	287	225	225		1,598			
Land/Right-of-Way	50							50			
Construction	146	825	525	432	338	338		2,604			
Equip. & Furnish.		825	525	431	337	337		2,455			
Other											
<b>TOTAL COSTS</b>	407	1,950	1,400	1,150	900	900		6,707			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 2,356,725</b>		
Current Funds	2,357							2,357	<b>UNFUNDED        \$ 4,350,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$ 6,706,725</b>		
GO's Unissued											
RB's/Com. Paper											
Certificates of Obligation											
Other											
<b>Unfunded</b>			1,400	1,150	900	900		4,350			
<b>TOTAL SOURCES</b>	2,357		1,400	1,150	900	900		6,707			
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>	
								Design			
								Land/Right-of-Way			
								Construction			
								<b>TOTAL SCHEDULE</b>	(Ongoing	Project)	

<b>PROJECT TITLE</b> <b>DISTRIBUTION LINES - OVERHEAD</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31532	<b>ACCOUNT NO(S).</b> 210-3299-3153201 215-3299-3153201		
<b>PROJECT DESCRIPTION</b> The Distribution Lines - Overhead Program is for the construction of overhead feeder lines, lateral lines, and the installation of transformers where necessary to meet load growth due to residential, commercial, or industrial expansion within the GP&L service area, as well as replacements due to age and/or failures affecting system reliability. Funding for 2020 will be used to upgrade single-phase laterals identified from faults that occurred on the system. Several projects will consist of replacing wood poles with steel poles in feeder lines for system reliability. In addition, a power factor correction will be performed on five identified feeders to improve the efficiency of the system.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact   Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue      \$ 8,316,012		
Design	389							389	GP&L Transfer                      708,000		
Land/Right-of-Way									Current Funds                      1,287,500		
Construction	2,641	798						3,439			
Equip. & Furnish.		6,484	5,921	6,215	6,524	6,849		31,993			
Other											
<b>TOTAL COSTS</b>	<b>3,030</b>	<b>7,282</b>	<b>5,921</b>	<b>6,215</b>	<b>6,524</b>	<b>6,849</b>		<b>35,821</b>			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED      \$ 10,311,512</b>		
Current Funds	1,288	708						1,996	<b>UNFUNDED          \$ 25,509,000</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL      \$ 35,820,512</b>		
GO's Unissued											
RB's/Com. Paper	4,002	4,314						8,316	<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>			5,921	6,215	6,524	6,849		25,509	Design		
<b>TOTAL SOURCES</b>	<b>5,290</b>	<b>5,022</b>	<b>5,921</b>	<b>6,215</b>	<b>6,524</b>	<b>6,849</b>		<b>35,821</b>	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>PRODUCTION</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All		
<b>DEPARTMENT</b> Olinger Plant Production				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31551	<b>ACCOUNT NO(S).</b> 215-3299-3160001 215-3299-3160101		
<b>PROJECT DESCRIPTION</b> The Production Program provides funding for generation plant reliability improvements. The 2020 program includes funding for the replacement of: the Olinger Power Station fire pump; the damaged stand-alone controller for the emissions management equipment on Olinger Unit 1; contactors and handles on the motor control center on Olinger Unit 1; water treatment equipment for both the Olinger and Spencer Power Stations; and, the office trailer at the Lewisville Hydro Station. Funding is also included for the addition of redundant O2 transducers on Olinger Units 1, 2, and 3 and upgrades to fire suppression systems at the Olinger and Spencer Plants.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact      Annual Cost/(Savings): <input type="checkbox"/> Will Not Impact   Personnel # of Positions <u>  0  </u> Operations Capital Total                    \$ _____				<b>IMPACT EXPLANATION</b> These projects will not impact the Operating Budget.				<b>FUNDING SOURCE(S)</b>			
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	GP&L Transfer                    \$ 3,301,000		
Design	780	365						1,145	Current Funds                    899,720		
Land/Right-of-Way											
Construction		935						935			
Equip. & Furnish.		2,121						2,121			
Other											
<b>TOTAL COSTS</b>	780	3,421						4,201			
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED    \$ 4,200,720</b>		
Current Funds	900	3,301						4,201	<b>UNFUNDED        \$ _____</b>		
GO's/Com. Paper Issued									<b>PROJECT TOTAL    \$ 4,200,720</b>		
GO's Unissued											
RB's/Com. Paper									<b>PROJECT SCHEDULE</b>		
Certificates of Obligation									<b>START</b>		
Other									<b>FINISH</b>		
<b>Unfunded</b>									Design		
<b>TOTAL SOURCES</b>	900	3,301						4,201	Land/Right-of-Way		
									Construction		
									<b>TOTAL SCHEDULE</b>		
									(Ongoing		
									Project)		

<b>PROJECT TITLE</b> <b>DISTRIBUTION LINES - UNDERGROUND</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Distribution				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31624	<b>ACCOUNT NO(S).</b> 210-3299-3162401 210-3299-3162501	
<b>PROJECT DESCRIPTION</b> The Distribution Lines - Underground Program includes funding for the replacement of primary underground cable and the construction of new underground distribution primary in locations where overhead construction is prohibited. Projects for 2020 include: underground construction in North Garland to support new commercial load and the installation of subdivisions consisting of – Lyoncrest 3, Hidden Oaks, Hyde Park, and Striker Marquis townhomes. Also included is the installation of two (2) new feeders from the upgraded Apollo Substation. In addition, this program will include replacement of faulted/aging cable and electrical equipment.								<b>PROJECT MAP</b>		
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				These projects will not impact the Operating Budget.		
<b>FUNDING SOURCE(S)</b>										
<b>*PROJECT COSTS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Commercial Paper Issue \$ 8,246,553	
Design	3,726							3,726	GP&L Transfer 873,000	
Land/Right-of-Way									Current Funds 3,268,579	
Construction	2,387	3,219	2,048	2,146	2,250	2,359		14,409		
Equip. & Furnish.		3,057	2,795	2,795	2,795	2,795		14,237		
Other										
<b>TOTAL COSTS</b>	6,113	6,276	4,843	4,941	5,045	5,154		32,372		
<b>*SOURCE OF FUNDS</b>	<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>TOTAL FUNDED \$ 12,388,132</b>	
Current Funds	3,269	873						4,142	<b>UNFUNDED \$ 19,983,000</b>	
GO's/Com. Paper Issued									<b>PROJECT TOTAL \$ 32,371,132</b>	
GO's Unissued										
RB's/Com. Paper	5,902	2,345						8,247		
Certificates of Obligation									<b>PROJECT SCHEDULE</b>	
Other									<b>START</b>	
<b>Unfunded</b>			4,843	4,941	5,045	5,154		19,983	<b>FINISH</b>	
<b>TOTAL SOURCES</b>	9,171	3,218	4,843	4,941	5,045	5,154		32,372	Design	
									Land/Right-of-Way	
									Construction	
									<b>TOTAL SCHEDULE</b>	
									(Ongoing	
									Project)	

<b>PROJECT TITLE</b> <b>SUBSTATIONS UPGRADES</b>								*Amounts in 000's \$	<b>COUNCIL DISTRICT(S)</b> All			
<b>DEPARTMENT</b> Substations				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31717		<b>ACCOUNT NO(S).</b> 210-3799-3171001 210-3799-3174401		
<b>PROJECT DESCRIPTION</b> The 2020 Substations CIP Program includes funding for Phase 2 of the Apollo Substation rebuild, upgrades to the Ben Davis Substation for flood mitigation and site security, and the addition of the new Nevill Switch in west Texas. Additionally, this budget provides funding for an autotransformer at the McCree Substation, dynamic voltage support at the Lookout Substation, and the upgrading of relays to comply with upcoming NERC regulatory standards. The Substations CIP Program includes funding for the continued conversion of the transmission system from 69kV to 138kV with Newman being the next station to be converted.								<b>PROJECT MAP</b>				
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>  0  </u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				These projects will not impact the Operating Budget.				
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	<b>FUNDING SOURCE(S)</b>		
Design		11,574	2,606	1,040	40	40	40		15,340	Commercial Paper Issue	\$ 62,038,334	
Land/Right-of-Way			250	75					325	Current Funds	227,000	
Construction		8,564	18,139	7,364	673	174	140		35,054			
Equip. & Furnish.			19,433	4,177	308	310	240		24,468			
Other			1,699						1,699			
<b>TOTAL COSTS</b>		20,138	42,127	12,656	1,021	524	420		76,886			
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>			
Current Funds		227							227	TOTAL FUNDED \$ 62,265,334		
GO's/Com. Paper Issued										UNFUNDED \$ 14,621,000		
GO's Unissued										PROJECT TOTAL \$ 76,886,334		
RB's/Com. Paper		29,082	32,956						62,038	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
Certificates of Obligation										Design		
Other										Land/Right-of-Way		
<b>Unfunded</b>				12,656	1,021	524	420		14,621	Construction		
<b>TOTAL SOURCES</b>		29,309	32,956	12,656	1,021	524	420		76,886	<b>TOTAL SCHEDULE</b>	(Ongoing	Project)

<b>PROJECT TITLE</b> <b>VARIOUS IMPROVEMENTS</b>								*Amounts in 000's \$		<b>COUNCIL DISTRICT(S)</b> All	
<b>DEPARTMENT</b> Substations				<b>PROJECT STATUS</b> Continuing Project				<b>PROJECT NO(S).</b> 31875		<b>ACCOUNT NO(S).</b> 210-3299-3189801 210-3299-3189901	
<b>PROJECT DESCRIPTION</b> The Various Improvements Program includes funding for minor projects associated with GP&L. Funding for 2020 includes the replacement of aging meter test boards in the Distribution Metering group, upgrades to the Distribution bay parking area, and funding for testing and analyzing equipment associated with West Texas operations.								<b>PROJECT MAP</b>			
<b>IMPACT ON OPERATING BUDGET</b> <input type="checkbox"/> Will Impact <input type="checkbox"/> Will Not Impact # of Positions <u>0</u>				<b>IMPACT EXPLANATION</b> Annual Cost/(Savings): Personnel Operations Capital Total \$ _____				<b>IMPACT EXPLANATION</b> No impact to Operating Budget. The new modular building will replace two modular buildings currently in place.			
<b>FUNDING SOURCE(S)</b>											
<b>*PROJECT COSTS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	Revenue Bonds Iss. \$ 12,626	
Design		52							52	Commercial Paper Issue 39,446	
Land/Right-of-Way										GP&L Transfer 302,000	
Construction		203	75						278	Current Funds 339,498	
Equip. & Furnish.			363	3,400	3,300	3,200			10,263		
Other											
<b>TOTAL COSTS</b>		255	438	3,400	3,300	3,200			10,593		
<b>*SOURCE OF FUNDS</b>		<b>Thru 12-2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025 to completion</b>	<b>Total</b>	TOTAL FUNDED \$ 693,570	
Current Funds		339	302						641	UNFUNDED \$ 9,900,000	
GO's/Com. Paper Issued										PROJECT TOTAL \$ 10,593,570	
GO's Unissued											
RB's/Com. Paper		52							52	<b>PROJECT SCHEDULE</b>	
Certificates of Obligation										<b>START</b>	
Other										<b>FINISH</b>	
<b>Unfunded</b>				3,400	3,300	3,200			9,900	Design	
<b>TOTAL SOURCES</b>		391	302	3,400	3,300	3,200			10,593	Land/Right-of-Way	
										Construction	
										<b>TOTAL SCHEDULE</b>	
										(Ongoing Project)	



# GARLAND

TEXAS MADE HERE

# **Appendix A**

**Ordinance Adopting 2020 CIP  
(Ordinance No. 7129)**



**GARLAND**

TEXAS MADE HERE

**ORDINANCE NO. 7129**

**AN ORDINANCE OF THE CITY OF GARLAND, TEXAS, APPROVING AND ADOPTING THE CAPITAL IMPROVEMENT PROGRAM FOR 2020, PROVIDING BUDGETARY APPROPRIATIONS FOR THE VARIOUS CAPITAL FUNDS OF THE CITY, AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, on February 4, 2020, the City Manager submitted a proposed Capital Improvement Program (CIP) for the City for 2020; and

**WHEREAS**, such CIP includes anticipated receipts and proposed projects and planned expenditures for each of the various capital improvement funds of the City; and

**WHEREAS**, the proposed CIP was made available for public inspection in the City's public libraries and the City Secretary's Office as well as on the City's website; and

**WHEREAS**, public hearings were held on the proposed CIP on February 18, 2020, and March 3, 2020, at which time all interested persons were given an opportunity to be heard for or against the estimates or any item therein; and

**WHEREAS**, upon full consideration of the matter, the City Council made such changes to the proposed CIP which in their judgment were warranted and in the best interests of the residents of the City of Garland;

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GARLAND, TEXAS:**

**Section 1**

That the Capital Improvement Program for 2020, as submitted by the City Manager and adjusted by the City Council, containing estimates of resources and proposed expenditures for each planned project, is hereby approved and adopted as follows:

A. Park Project Appropriations	\$ 23,935,000
B. Street/Transportation Project Appropriations	53,763,000
C. Drainage Project Appropriations	13,769,000

D. Library	2,981,000
Project Appropriations	
E. Public Safety	\$ 10,129,000
Project Appropriations	
F. Economic Development	11,302,000
Project Appropriations	
G. Municipal Facilities and Miscellaneous	7,209,000
Project Appropriations	
H. Landfill/Transfer Station	7,549,000
Project Appropriations	
I. Environmental Waste Services	2,695,000
Project Appropriations	
J. Stormwater Management	273,000
Project Appropriations	
K. Internal Services	1,465,000
Project Appropriations	
L. Water	39,939,000
Project Appropriations	
M. Wastewater	68,477,000
Project Appropriations	
N. Electric	98,544,000
Project Appropriations	

**Section 2**

That this Ordinance shall be and become effective immediately upon and after its adoption and approval.

**PASSED AND APPROVED** this 3<sup>rd</sup> day of March, 2020.

**CITY OF GARLAND, TEXAS**

  
\_\_\_\_\_  
Mayor

**ATTEST:**

  
\_\_\_\_\_  
City Secretary





**GARLAND**

TEXAS MADE HERE

# **Appendix B**

## **2019 CIP Amendments**

**Ordinance No. 7060**

**Ordinance No. 7066**

**Ordinance No. 7091**



**GARLAND**

TEXAS MADE HERE

## ORDINANCE NO. 7060

**AN ORDINANCE AUTHORIZING AN AMENDMENT TO THE 2019 CAPITAL IMPROVEMENT PROGRAM (2019 CIP AMENDMENT NO. 1), PROVIDING FOR THE SUPPLEMENTAL APPROPRIATION OF FUNDS IN THE GARLAND ANIMAL SHELTER & ADOPTION FACILITY PROJECT, POLICE EVIDENCE AND PROPERTY FACILITY PROJECT, SPORTS FIELD LIGHTING AT WITNERS PARK PROJECT, TRAIL DEVELOPMENT PROGRAM, RELOCATE FIRE STATION NO. 6 PROJECT, RELOCATE FIRE STATION NO. 1 PROJECT, WALNUT CREEK LIBRARY BRANCH PROJECT, AQUATICS PACKAGE PROGRAM, AND RICK ODEN PARK IMPROVEMENTS PROJECT; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council approved the 2019 Capital Improvement Program and appropriated the necessary funds for the improvements of the City; and

**WHEREAS**, the City Charter provides that the City Council may approve any amendments and supplements to the CIP Budget as deemed necessary; and

**WHEREAS**, Council has reviewed and concurred with a Policy Report that establishes the need for changes to appropriate funds for the Garland Animal Shelter & Adoption Facility Project, Police Evidence and Property Facility Project, Sports Field Lighting at Winters Park Project, Trail Development Program, Relocate Fire Station No. 6 Project, Relocate Fire Station No. 1 Project, Walnut Creek Library Branch Project, Aquatics Package Program, and Rick Oden Park Improvements Project;

**THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GARLAND, TEXAS, THAT:**

### **Section 1**

The City Council of the City of Garland, Texas, hereby authorizes and approves an amendment to the 2019 Capital Improvement Program in the amount of \$5,990,000 for design, land acquisitions, and the development of master plans.

### **Section 2**

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (A), adjusting appropriations of \$650,000 for the design of the Sports Field Lighting at Winters Park, development of a master plan for the Trail Development Program, development of a master plan for the Aquatics Package program, and development of a master plan for the Rick Oden Park Improvements project.

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (D), adjusting appropriations of \$1,000,000 for the identification and acquisition of land for the Walnut Creek Library Branch.

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (E), adjusting appropriations of \$3,840,000 for the design of the Police Evidence and Property Facility, the identification and acquisition of land for the Relocation of Fire Station No. 6, and the identification and acquisition of land for the Relocation of Fire Station No. 1.

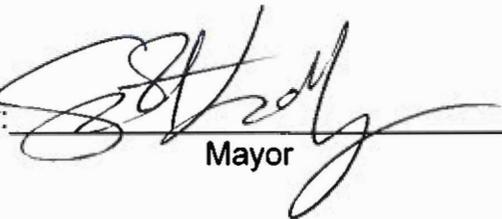
The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, adding Section 1 (O), with initial appropriation of \$500,000 for the design of the Garland Animal Shelter & Adoption Center.

### Section 3

This ordinance shall be and become effective immediately upon and after its adoption and approval.

**PASSED AND APPROVED** this the 15<sup>th</sup> day of May, 2019.

THE CITY OF GARLAND, TEXAS

By:   
Mayor

ATTEST:

  
City Secretary

## ORDINANCE NO. 7066

**AN ORDINANCE AUTHORIZING AN AMENDMENT TO THE 2019 CAPITAL IMPROVEMENT PROGRAM (2019 CIP AMENDMENT NO. 2), PROVIDING FOR THE SUPPLEMENTAL APPROPRIATION OF FUNDS IN THE NEW COMMERCIAL FRONT-LOADER TRUCKS PROJECT, AND THE WHEEL WASH INSTALLATION PROJECT; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council approved the 2019 Capital Improvement Program and appropriated the necessary funds for the improvements of the City; and

**WHEREAS**, the City Charter provides that the City Council may approve any amendments and supplements to the CIP Budget as deemed necessary; and

**WHEREAS**, Council has reviewed and concurred with a Policy Report that establishes the need for changes to appropriations in the New Commercial Front-Loader Trucks Project, and Wheel Wash Installation Project;

**THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GARLAND, TEXAS, THAT:**

### **Section 1**

The City Council of the City of Garland, Texas, hereby authorizes and approves an amendment to the 2019 Capital Improvement Program in the amount of \$546,502 for two commercial front-loader trucks and a street sweeper.

### **Section 2**

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (H), adjusting appropriations of \$44,300 for the purchase of a street sweeper for daily use at Hinton Landfill in lieu of a wheel wash.

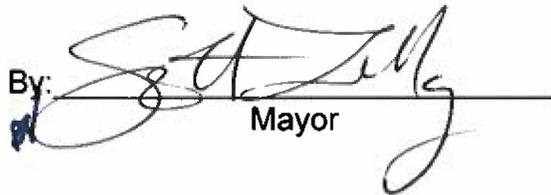
The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (I), adjusting appropriations of \$502,202 for the purchase of two commercial front-loader trucks for EWS-Delivery.

**Section 3**

This ordinance shall be and become effective immediately upon and after its adoption and approval.

**PASSED AND APPROVED** this the 4<sup>th</sup> day of June, 2019.

**THE CITY OF GARLAND, TEXAS**

By:   
Mayor

**ATTEST:**

  
City Secretary



## **ORDINANCE NO. 7091**

**AN ORDINANCE AUTHORIZING AN AMENDMENT TO THE 2019 CAPITAL IMPROVEMENT PROGRAM (2019 CIP AMENDMENT NO. 3), PROVIDING FOR THE SUPPLEMENTAL APPROPRIATION OF FUNDS IN THE STORMWATER MAINTENANCE EQUIPMENT PROJECT, NEW LANDFILL ROLL-OFF TRUCK PROJECT, REPLACEMENT OF COMMERCIAL FRONT-LOAD TRUCKS PROJECT, DOG PARK PROJECT, CENTRAL PARK – SPORTS FIELD / PARK RENOVATION PROJECT, WINTERS PARK – SPORTS FIELD LIGHTING PROJECT, CONSTRUCTION OF WASTE CELL NO. 8 PROJECT, AND TRAIL DEVELOPMENT – MASTER PLAN PROJECT; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council approved the 2019 Capital Improvement Program and appropriated the necessary funds for the improvements of the City; and

**WHEREAS**, the City Charter provides that the City Council may approve any amendments and supplements to the CIP Budget as deemed necessary; and

**WHEREAS**, Council has reviewed and concurred with a Policy Report that establishes the need for changes to appropriations in the Stormwater Maintenance Equipment Project, New Landfill Roll-Off Truck Project, Replacement of Commercial Front-Load Trucks Project, Dog Park Project, Central Park – Sports Field / Park Renovation Project, Winters Park – Sports Field Lighting Project, Construction of Waste Cell No. 8 Project, and Trail Development – Master Plan Project;

**THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GARLAND, TEXAS, THAT:**

### **Section 1**

The City Council of the City of Garland, Texas, hereby authorizes and approves an amendment to the 2019 Capital Improvement Program in the amount of \$3,631,549 for two replacement dump trucks, one new roll-off truck, one replacement commercial front-load truck, Central Park restroom building, Winters Park sports field lighting, Dog Park construction, construction of Hinton Landfill Waste Cell No. 8, and the trails and bikeways master plan.

**Section 2**

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (A), adjusting appropriations of \$2,872,112 for the construction of the Dog Park, installation of a Central Park restroom building, Winters Park sports lighting, and a trails and bikeways master plan for Parks.

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (H), adjusting appropriations of \$200,999 for the purchase of a new roll-off truck and the construction of Waste Cell No. 8 for the Landfill.

The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (I), adjusting appropriations of \$277,170 for the replacement of one commercial front-loader truck for EWS – Delivery.

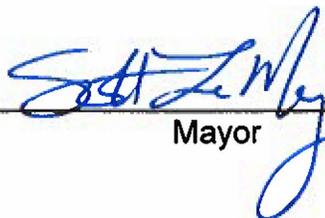
The City Council of the City of Garland, Texas, hereby amends Ordinance No. 7043, Section 1 (J), adjusting appropriations of \$281,268 for the purchase of two replacement dump trucks for Stormwater Management.

**Section 3**

This ordinance shall be and become effective immediately upon and after its adoption and approval.

**PASSED AND APPROVED** this the 8<sup>th</sup> day of October, 2019.

**THE CITY OF GARLAND, TEXAS**

By:   
Mayor

**ATTEST:**

  
City Secretary



# **Appendix C**

## **Capital Improvement Bond Referendums by Proposition**



**GARLAND**

TEXAS MADE HERE

## **CAPITAL IMPROVEMENT BOND REFERENDUMS BY PROPOSITION**

### **GENERAL OBLIGATION CAPITAL IMPROVEMENT PROGRAM**

***Voted and Approved May 4, 2019***

#### Proposition A

The issuance of \$122,250,000 General Obligation Bonds for Street Improvements, including:

- Bottleneck Improvements
- Operational and Safety Improvements
- Traffic Signal Equipment Modernization
- Traffic Control System
- Emergency Services Signal Equipment
- New Sidewalk and/or ADA Route Program and/or Sidewalk Participation
- New Traffic Signal Installations
- Railroad Crossing Improvements
- Paving of Unimproved Alleys
- Catalyst Area Improvements
- Naaman School Road (Brand Road to S.H. 78)
- Holford Road Segment A (PGBT to City Limits)
- Holford Road Segment B (Naaman Forest Boulevard to PGBT)
- Shiloh Road Segment A (Kingsley Road to Miller Road)
- Lyons Road Segment A (I.H. 30 to Guthrie Road)
- Leon Road (South Garland Avenue to McCree Street)
- Holford Road Segment C (Arapaho Road to Naaman Forest Boulevard)

#### Proposition B

The issuance of \$51,350,000 General Obligation Bonds for Public Safety Facilities and Improvements, including:

- Fire Stations No. 1, 6, and 7
- Police Evidence and Property Facility
- Simunitions Training Facility and Shooting Range Improvements
- Police Station Security Improvements

Proposition C

The issuance of \$47,350,000 General Obligation Bonds for Storm Drainage Projects, including:

- Drainage Improvements (Prior to Street Replacement)
- Drainage Participation Program
- Local Flooding Program
- Flood-Prone Properties Fund
- Country Club Park Estates Drainage Improvements
- Lakewood Addition Drainage Improvements
- Western Heights No. 4 Drainage Improvements
- Montclair No. 2 and No. 3 Drainage Improvements
- Saturn Springs Estates Drainage Improvements
- Garvon West Industrial Park Drainage Improvements

Proposition D

The issuance of \$117,750,000 General Obligation Bonds for Parks and Recreation Facilities and Improvements, including:

- Sports Field/Parks Renovation
- Sports Field Lighting at Winters Park Soccer Complex
- Park System Parking and Park Roads
- Playground Replacement
- Trail Development Program
- Aquatics Package
- Catalyst Area Improvements
- Holford Recreation Center
- Audubon Recreation Center
- Hollabaugh Recreation Center
- Garland Senior Activity Center
- Rick Oden Park Improvements

Proposition E

The issuance of \$21,000,000 General Obligation Bonds for Libraries Facilities and Improvements, including:

- Walnut Creek Branch Library
- Modernize/Upgrade North, South and Central Garland Branch Libraries

Proposition F

The issuance of \$46,000,000 General Obligation Bonds for Economic Development, including:

Economic Development and Redevelopment Programs  
Neighborhood Vitality Program  
Land Acquisition and Parcel Assemblage Program

Proposition G

The issuance of \$6,000,000 General Obligation Bonds for Municipal Facilities Improvements, including:

Street Department Facility – Renovation  
Transportation Maintenance and Operations Facility – Renovation

Proposition H

The issuance of \$12,000,000 General Obligation Bonds for the Garland Animal Shelter and Adoption Facility.

***Voted and Approved May 15, 2004***

Proposition No. 1

The issuance of \$113,370,000 General Obligation Bonds for Street Improvements, including:

Country Club Road - Walnut Street to Commerce Street  
LBJ Service Roads - Kingsley Road to La Prada Drive  
Northwest Highway - Centerville Road to La Prada Drive  
Shiloh Road - I.H. 635 to Kingsley Road  
Oates Road - Broadway Boulevard to Rosehill Road  
Brand Road - S.H. 190 to Muirfield Drive  
Naaman School Road - S.H. 78 to Pleasant Valley Road  
Naaman Forest Boulevard - Ranger Drive to Brand Road/S.H. 190  
Pleasant Valley Road - Northeast Parkway to Richfield Drive  
Fifth Street - Miller Road to Avenue D  
Walnut Street - Barnes Drive to Shiloh Road  
Walnut Street - First Street to Country Club Road  
Walnut Street - Jupiter Road to Barnes Drive  
Walnut Street - Shiloh Road to North Garland Avenue  
Dairy Road - East Celeste Drive to Broadway Boulevard  
Bobtown Road - Waterhouse Drive to Rowlett Road  
Callejo Road - Botello Road to Campbell Road  
Chaha Road - I.H. 30 to Zion Road  
Chaha Road - I.H. 30 to Lake Ray Hubbard Parkway

Proposition No. 2

The issuance of \$28,000,000 General Obligation Bonds for Drainage Projects, including:

- University Drive Channel
- Classic Drive/Yale Drive
- Garland Heights/Freeman Heights
- Parkmont Drive
- Undesignated Areas Requiring Local Flooding Mitigation and Drainage Improvements

Proposition No. 3

The issuance of \$21,680,000 General Obligation Bonds for Parks and Recreation Facilities and Improvements, including:

- Audubon Recreation Center Expansion
- Bradfield Recreation Center Renovation
- Gale Fields Recreation Center
- Granger Annex
- Surf & Swim Expansion
- Bradfield, Wynne, & Holford Pool Facilities
- Carter Softball Tournament Facility
- Central Park Ballfield #5
- Norman Groves Ballfield
- Audubon Soccer Athletic Field Lighting
- Tuckerville Park Sports Field
- Audubon Picnic Area
- Gatewood Picnic Pavilion
- Rowlett Creek Greenbelt
- Windsurf Bay Park
- Undesignated Park Land Acquisition and Miscellaneous Playground Improvements
- Centralized Irrigation/Lighting Control System Improvements
- Skating/Skateboard Facilities

Proposition No. 4

The issuance of \$9,400,000 General Obligation Bonds for Library Facilities.

Proposition No. 5

The issuance of \$12,950,000 General Obligation Bonds for Public Safety Facilities, including:

- Fire Stations No. 1, 3, 5, and 7
- Fire Training Facilities
- Police Shooting Range

Proposition No. 6

The issuance of \$11,180,000 General Obligation Bonds for Municipal Improvements, including:

Downtown Gateway Facilities  
Downtown Plaza  
Forest/Jupiter Streetscape  
Transportation Corridors at First Street/Broadway Boulevard, Walnut Street,  
South Garland Avenue, Kingsley Road, and Northwest Highway  
Neighborhood Vitality Projects

Proposition No. 7

The issuance of \$3,420,000 General Obligation Bonds for Economic Development Land Acquisition.

Proposition No. 8

The issuance of \$23,745,000 General Obligation Bonds for the Acquisition of Land for Parking Facilities and for Public Infrastructure Improvements in the Proposed Harbor Point Project for Use by Bass Pro Shop or Other Commercial Entities.

***Voted and Approved May 3, 1997***

Proposition No. 1

The issuance of \$67,970,000 General Obligation Bonds for Street Improvements.

Proposition No. 2

The issuance of \$4,240,000 General Obligation Bonds for Extension of Northeast Parkway from its Existing Connection with S.H. 190 to S.H. 78, Such Issuance being Contingent upon Initiation of Mall Construction as Evidenced by a Building Permit and Dedication of Right-of-Way.

Proposition No. 3

The issuance of \$10,570,000 General Obligation Bonds for Drainage Projects.

Proposition No. 4

The issuance of \$5,890,000 General Obligation Bonds for Library Materials and Facilities.

Proposition No. 5

The issuance of \$12,370,000 General Obligation Bonds for Parks & Recreation Facilities and Improvements.

Proposition No. 6

The issuance of \$3,440,000 General Obligation Bonds for Additions to Cultural Arts Facilities.

Proposition No. 7

The issuance of \$19,890,000 General Obligation Bonds for Public Safety Facilities.

Proposition No. 8

The issuance of \$1,710,000 General Obligation Bonds for Municipal Facilities.

# **Appendix D**

## **Summary of Programs**



**GARLAND**

TEXAS MADE HERE

**SUMMARY OF PROGRAMS**  
(In 000's Dollars)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025 to Completion</u>	<u>Total Request</u>
<b><u>PARK</u></b>							
Prior Approved G.O./C.P.	\$3,353	\$5	\$235	\$0	\$0	\$0	\$3,593
New Debt G.O./C.P.	8,867	22,191	36,538	32,042	15,681	6,897	122,216
New Debt C.O.	2,037	0	0	0	0	0	2,037
Other Sources	9,678	75	97	0	0	0	9,850
Unfunded	0	200	1,835	1,053	0	0	3,088
	<u>\$23,935</u>	<u>\$22,471</u>	<u>\$38,705</u>	<u>\$33,095</u>	<u>\$15,681</u>	<u>\$6,897</u>	<u>\$140,784</u>
<b><u>STREET/TRANSPORTATION</u></b>							
Prior Approved G.O./C.P.	\$10,878	\$190	\$0	\$0	\$0	\$0	\$11,068
New Debt G.O./C.P.	17,992	27,375	41,758	26,376	10,080	33,972	157,553
New Debt C.O.	0	0	0	0	0	0	0
Other Sources	24,893	7,667	1,540	9,375	9,375	0	52,850
Unfunded	0	347	100	41	149	10,654	11,291
	<u>\$53,763</u>	<u>\$35,579</u>	<u>\$43,398</u>	<u>\$35,792</u>	<u>\$19,604</u>	<u>\$44,626</u>	<u>\$232,762</u>
<b><u>DRAINAGE</u></b>							
Prior Approved G.O./C.P.	\$2,386	\$0	\$0	\$0	\$0	\$0	\$2,386
New Debt G.O./C.P.	5,954	11,504	12,075	7,220	15,347	2,111	54,211
New Debt C.O.	2,580	0	0	0	0	0	2,580
Other Sources	2,849	0	0	0	0	0	2,849
Unfunded	0	950	500	500	0	0	1,950
	<u>\$13,769</u>	<u>\$12,454</u>	<u>\$12,575</u>	<u>\$7,720</u>	<u>\$15,347</u>	<u>\$2,111</u>	<u>\$63,976</u>

**SUMMARY OF PROGRAMS**  
(In 000's Dollars)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025 to Completion</u>	<u>Total Request</u>
<b><u>LIBRARY</u></b>							
Prior Approved G.O./C.P.	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
New Debt G.O./C.P.	715	722	6,832	2,868	3,856	5,007	20,000
New Debt C.O.	0	0	0	0	0	0	0
Other Sources	1,266	80	0	0	1,895	0	3,241
Unfunded	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,078</u>	<u>0</u>	<u>1,078</u>
	<u>\$2,981</u>	<u>\$802</u>	<u>\$6,832</u>	<u>\$2,868</u>	<u>\$6,829</u>	<u>\$5,007</u>	<u>\$25,319</u>
<b><u>PUBLIC SAFETY</u></b>							
Prior Approved G.O./C.P.	\$3,840	\$0	\$0	\$0	\$0	\$0	\$3,840
New Debt G.O./C.P.	2,327	13,415	15,136	5,086	7,984	4,587	48,535
New Debt C.O.	3,962	0	0	0	0	0	3,962
Unfunded	<u>0</u>	<u>3,985</u>	<u>2,110</u>	<u>4,280</u>	<u>1,123</u>	<u>26,659</u>	<u>38,157</u>
	<u>\$10,129</u>	<u>\$17,400</u>	<u>\$17,246</u>	<u>\$9,366</u>	<u>\$9,107</u>	<u>\$31,246</u>	<u>\$94,494</u>
<b><u>ECONOMIC DEVELOPMENT</u></b>							
Prior Approved G.O./C.P.	\$1,377	\$0	\$302	\$111	\$0	\$0	\$1,790
New Debt G.O./C.P.	5,360	11,919	19,549	13,096	7,182	15,265	72,371
New Debt C.O.	2,000	0	0	0	0	0	2,000
Other Sources	2,565	296	0	0	0	0	2,861
Unfunded	<u>0</u>	<u>671</u>	<u>328</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>999</u>
	<u>\$11,302</u>	<u>\$12,886</u>	<u>\$20,179</u>	<u>\$13,207</u>	<u>\$7,182</u>	<u>\$15,265</u>	<u>\$80,021</u>

**SUMMARY OF PROGRAMS**  
(In 000's Dollars)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025 to Completion</u>	<u>Total Request</u>
<b><u>MUNICIPAL FACILITIES &amp; MISC. TAX SUPPORTED</u></b>							
Prior Approved G.O./C.P.	\$447	\$0	\$0	\$0	\$0	\$0	\$447
New Debt G.O./C.P.	2,016	13,223	2,241	20	0	0	17,500
New Debt C.O.	606	0	0	0	0	0	606
Other Sources	4,140	344	4	0	0	0	4,488
Unfunded	<u>0</u>	<u>6,050</u>	<u>2,448</u>	<u>2,750</u>	<u>2,050</u>	<u>0</u>	<u>13,298</u>
	<u>\$7,209</u>	<u>\$19,617</u>	<u>\$4,693</u>	<u>\$2,770</u>	<u>\$2,050</u>	<u>\$0</u>	<u>\$36,339</u>
<b><u>LANDFILL/TRANSFER STATION</u></b>							
New Debt C.O.	\$4,173	\$0	\$0	\$0	\$0	\$0	\$4,173
Other Sources	3,376	0	0	0	0	0	3,376
Unfunded	<u>0</u>	<u>2,248</u>	<u>3,862</u>	<u>2,865</u>	<u>3,569</u>	<u>0</u>	<u>12,544</u>
	<u>\$7,549</u>	<u>\$2,248</u>	<u>\$3,862</u>	<u>\$2,865</u>	<u>\$3,569</u>	<u>\$0</u>	<u>\$20,093</u>
<b><u>TOTAL GENERAL FUND</u></b>							
Prior Approved G.O./C.P.	\$23,281	\$195	\$537	\$111	\$0	\$0	\$24,124
New Debt G.O./C.P.	43,231	100,349	134,129	86,708	60,130	67,839	492,386
New Debt C.O.	15,358	0	0	0	0	0	15,358
Other Sources	<u>48,767</u>	<u>8,462</u>	<u>1,641</u>	<u>9,375</u>	<u>11,270</u>	<u>0</u>	<u>79,515</u>
Total Funded Projects	\$130,637	\$109,006	\$136,307	\$96,194	\$71,400	\$67,839	\$611,383
Unfunded	<u>0</u>	<u>14,451</u>	<u>11,183</u>	<u>11,489</u>	<u>7,969</u>	<u>37,313</u>	<u>82,405</u>
TOTAL	<u>\$130,637</u>	<u>\$123,457</u>	<u>\$147,490</u>	<u>\$107,683</u>	<u>\$79,369</u>	<u>\$105,152</u>	<u>\$693,788</u>

**SUMMARY OF PROGRAMS**  
(In 000's Dollars)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025 to Completion</u>	<u>Total Request</u>
<b><u>INFORMATION TECHNOLOGY</u></b>							
New Debt C.O.	\$801	\$0	\$0	\$0	\$0	\$0	\$801
Other Sources	664	0	0	0	0	0	664
Unfunded	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	<u>\$1,465</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,465</u>
<b><u>TOTAL INTERNAL SERVICE</u></b>							
New Debt C.O.	\$801	\$0	\$0	\$0	\$0	\$0	\$801
Other Sources	664	0	0	0	0	0	664
Total Funded Projects	<u>\$1,465</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,465</u>
Unfunded	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	<u><u>\$1,465</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$1,465</u></u>
<b><u>EWS GROUP - DELIVERY</u></b>							
New Debt C.O.	\$2,325	\$0	\$0	\$0	\$0	\$0	\$2,325
Other Sources	370	18	18	0	13	0	419
Unfunded	<u>0</u>	<u>3,398</u>	<u>3,191</u>	<u>4,078</u>	<u>4,073</u>	<u>103</u>	<u>14,843</u>
	<u>\$2,695</u>	<u>\$3,416</u>	<u>\$3,209</u>	<u>\$4,078</u>	<u>\$4,086</u>	<u>\$103</u>	<u>\$17,587</u>
<b><u>STORMWATER MANAGEMENT</u></b>							
New Debt C.O.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Sources	273	25	0	0	0	0	298
Unfunded	<u>0</u>	<u>475</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>0</u>	<u>1,975</u>
	<u>\$273</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$0</u>	<u>\$2,273</u>

**SUMMARY OF PROGRAMS**  
(In 000's Dollars)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025 to Completion</u>	<u>Total Request</u>
<b><u>WATER</u></b>							
New Debt C.P.	\$11,722	\$0	\$0	\$0	\$0	\$0	\$11,722
Prior Approved C.P.	22,817	83	0	0	0	0	22,900
Other Sources	5,400	2,500	2,005	0	0	0	9,905
Unfunded	<u>0</u>	<u>23,644</u>	<u>17,750</u>	<u>25,583</u>	<u>25,352</u>	<u>8,150</u>	<u>100,479</u>
	<u>\$39,939</u>	<u>\$26,227</u>	<u>\$19,755</u>	<u>\$25,583</u>	<u>\$25,352</u>	<u>\$8,150</u>	<u>\$145,006</u>
<b><u>WASTEWATER</u></b>							
New Debt C.P.	\$26,490	\$0	\$0	\$0	\$0	\$0	\$26,490
Prior Approved C.P.	34,320	3,200	821	0	0	0	38,341
Other Sources	7,667	100	61	0	0	0	7,828
Unfunded	<u>0</u>	<u>36,333</u>	<u>43,498</u>	<u>37,395</u>	<u>33,430</u>	<u>95,267</u>	<u>245,923</u>
	<u>\$68,477</u>	<u>\$39,633</u>	<u>\$44,380</u>	<u>\$37,395</u>	<u>\$33,430</u>	<u>\$95,267</u>	<u>\$318,582</u>
<b><u>ELECTRIC</u></b>							
New Debt C.P.	\$53,709	\$0	\$0	\$0	\$0	\$0	\$53,709
Prior Approved C.P.	29,940	0	0	0	0	0	29,940
Other Sources	14,895	0	0	0	0	0	14,895
Unfunded	<u>0</u>	<u>47,659</u>	<u>21,769</u>	<u>19,468</u>	<u>16,674</u>	<u>0</u>	<u>105,570</u>
	<u>\$98,544</u>	<u>\$47,659</u>	<u>\$21,769</u>	<u>\$19,468</u>	<u>\$16,674</u>	<u>\$0</u>	<u>\$204,114</u>
<b><u>TOTAL UTILITY FUNDS</u></b>							
New Debt C.P.	\$91,921	\$0	\$0	\$0	\$0	\$0	\$91,921
Prior Approved C.P.	87,077	3,283	821	0	0	0	91,181
New Debt C.O.	2,325	0	0	0	0	0	2,325
Other Sources	<u>28,605</u>	<u>2,643</u>	<u>2,084</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>33,345</u>
Total Funded Projects	\$209,928	\$5,926	\$2,905	\$0	\$13	\$0	\$218,772
Unfunded	<u>0</u>	<u>111,509</u>	<u>86,708</u>	<u>87,024</u>	<u>80,029</u>	<u>103,520</u>	<u>468,790</u>
TOTAL	<u>\$209,928</u>	<u>\$117,435</u>	<u>\$89,613</u>	<u>\$87,024</u>	<u>\$80,042</u>	<u>\$103,520</u>	<u>\$687,562</u>

Other sources may include existing Certificates of Obligation, Revenue Bonds, Grants, Contributions, Construction Reserves, Interest Earnings, or other known source.



**GARLAND**

TEXAS MADE HERE

# **Appendix E**

## **CIP Fund Allocation**



**GARLAND**

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**CIP FUND ALLOCATION  
BY PROGRAM  
2020**

	<u>Existing Funding</u>	<u>Percent</u>	<u>Continuation Funding</u>	<u>Percent</u>	<u>New Funding</u>	<u>Percent</u>	<u>Total Project</u>
Park	\$12,971	54.2%	\$8,727	36.5%	\$2,237	9.3%	\$23,935
Street/Transportation	23,514	43.7%	27,090	50.4%	3,159	5.9%	53,763
Drainage	5,235	38.0%	4,985	36.2%	3,549	25.8%	13,769
Library	2,266	76.0%	0	0.0%	715	24.0%	2,981
Public Safety	3,840	37.9%	1,785	17.6%	4,504	44.5%	10,129
Economic Development	3,021	26.7%	3,329	29.5%	4,952	43.8%	11,302
Landfill/Transfer Station	3,376	44.7%	750	9.9%	3,423	45.4%	7,549
Facilities & Misc. Tax Supp.	4,587	63.6%	1,586	22.0%	1,036	14.4%	7,209
<b>Total</b>	<b>\$58,810</b>	<b>45.0%</b>	<b>\$48,252</b>	<b>36.9%</b>	<b>\$23,575</b>	<b>18.0%</b>	<b>\$130,637</b>
Internal Service	\$664	45.3%	\$413	28.2%	\$388	26.5%	\$1,465
EWS Group - Delivery	370	13.7%	0	0.0%	2,325	86.3%	2,695
Stormwater Management	273	100.0%	0	0.0%	0	0.0%	273
Water	25,817	64.6%	11,821	29.6%	2,301	5.8%	39,939
Wastewater	40,587	59.3%	27,490	40.1%	400	0.6%	68,477
Electric	33,510	34.0%	65,034	66.0%	0	0.0%	98,544
<b>Total</b>	<b>\$101,221</b>	<b>47.9%</b>	<b>\$104,758</b>	<b>49.6%</b>	<b>\$5,414</b>	<b>2.6%</b>	<b>\$211,393</b>
<b>Grand Total</b>	<b>\$160,031</b>	<b>46.8%</b>	<b>\$153,010</b>	<b>44.7%</b>	<b>\$28,989</b>	<b>8.5%</b>	<b>\$342,030</b>

**CIP FUND ALLOCATION  
BY PROJECT  
2020**

	<u>Page</u>	<u>Existing Funding</u>	<u>Continuation Funding</u>	<u>New Project Funding</u>	<u>Project Total</u>
<b><u>Park</u></b>					
18320		\$1,422,000			\$1,422,000
18325		117,000	\$2,046,000		2,163,000
18327			120,000		120,000
18329			300,000		300,000
18330		961,000	710,000		1,671,000
18334		86,000			86,000
18335			425,000		425,000
18337		651,000	10,000		661,000
18347		873,000			873,000
18351		567,000			567,000
18353		179,000	60,000		239,000
18354		274,000	1,327,000		1,601,000
18358		42,000	483,000		525,000
18361		878,000			878,000
18363				\$676,000	676,000
18364				416,000	416,000
18365				635,000	635,000
18370		37,000	170,000		207,000
18385		1,789,000	628,000		2,417,000
18430		156,000	1,374,000		1,530,000
18475		3,390,000	427,000		3,817,000
18515				510,000	510,000
18560		1,549,000	647,000		2,196,000
		<b>Total Park</b>	<b>\$12,971,000</b>	<b>\$8,727,000</b>	<b>\$23,935,000</b>
<b><u>Street/Transportation</u></b>					
14200		\$325,000			\$325,000
14255		18,000	\$1,489,000		1,507,000
14261		2,571,000			2,571,000
14264				\$500,000	500,000
14266			600,000		600,000
14272		2,720,000			2,720,000
14273		50,000			50,000
14288		4,936,000	10,500,000		15,436,000
14292		2,747,000			2,747,000
14301		100,000			100,000
14302		114,000	4,287,000		4,401,000
14303		818,000	32,000		850,000
14309		370,000			370,000
14315				311,000	311,000
14317				595,000	595,000
14319				1,127,000	1,127,000
14314		246,000	945,000		1,191,000
14316		414,000			414,000
14320		941,000			941,000
14390		205,000	45,000		250,000
14425				348,000	348,000
14460				278,000	278,000
15596		160,000	3,199,000		3,359,000
15751		62,000	438,000		500,000
14500		50,000	3,271,000		3,321,000
14525		276,000	150,000		426,000
14560		1,779,000	688,000		2,467,000
14600		995,000	900,000		1,895,000
14625		80,000			80,000
14650		131,000	250,000		381,000
14700		304,000	296,000		600,000
39818		3,102,000			3,102,000
		<b>Total Street/Transportation</b>	<b>\$27,090,000</b>	<b>\$3,159,000</b>	<b>\$53,763,000</b>

**CIP FUND ALLOCATION  
BY PROJECT  
2020**

	<u>Page</u>	<u>Existing Funding</u>	<u>Continuation Funding</u>	<u>New Project Funding</u>	<u>Project Total</u>
<b><u>Drainage</u></b>					
14244	Classic and Yale	\$286,000	\$1,369,000		\$1,655,000
14245	Garland Heights / Freeman			\$550,000	550,000
14246	Parkmont Drive	738,000			738,000
14248	Bridge and Drainage Infrastructure Remediation	904,000	2,280,000		3,184,000
14495	Drainage Maintenance Program			300,000	300,000
14745	Country Club Park Estates Drainage Imps.			361,000	361,000
14746	Garvon West Industrial Drainage Improvements			1,023,000	1,023,000
14747	Lakewood Addition Drainage Improvements			163,000	163,000
14748	Western Heights No. 4 Drainage Improvements			50,000	50,000
14749	Saturn Springs Estates Drainage Improvements			469,000	469,000
14750	Montclair No. 2 & No. 3 Drainage Improvements			175,000	175,000
14751	Drainage Imps. Prior to Street Replacement			69,000	69,000
14800	Drainage Participation Program	1,207,000	170,000		1,377,000
14850	Local Flooding Program	2,100,000	1,166,000		3,266,000
14900	Flood-Prone Properties Fund			389,000	389,000
	<b>Total Drainage</b>	<u>\$5,235,000</u>	<u>\$4,985,000</u>	<u>\$3,549,000</u>	<u>\$13,769,000</u>
<b><u>Library</u></b>					
19581	Facilities Upgrades	\$138,000			138,000
19588	Relocate/Expand Walnut Creek Branch Library	1,000,000		\$457,000	1,457,000
19560	Mod./Upgrade of Garland Branch Libraries			258,000	258,000
19584	Central Library Life and Safety Upgrades A & B	1,128,000			1,128,000
	<b>Total Library</b>	<u>\$2,266,000</u>	<u>\$0</u>	<u>\$715,000</u>	<u>\$2,981,000</u>
<b><u>Public Safety</u></b>					
13026	Police Evidence and Property Facility	\$1,200,000	\$522,000		\$1,722,000
13028	Police Station Security Improvements			\$145,000	145,000
12058	Replace Fire Apparatus		396,000		396,000
12099	Rebuild/Relocate Fire Station No. 7			793,000	793,000
12101	Relocate Fire Station No. 1	1,320,000	81,000		1,401,000
12104	Relocate Fire Station No. 6	1,320,000	786,000		2,106,000
12107	Ambulance Replacement			1,238,000	1,238,000
12108	Emergency Response Safety Equipment			2,328,000	2,328,000
	<b>Total Public Safety</b>	<u>\$3,840,000</u>	<u>\$1,785,000</u>	<u>\$4,504,000</u>	<u>\$10,129,000</u>
<b><u>Economic Development</u></b>					
10046	Land/Property Acquisition	\$297,000	\$675,000		\$972,000
10510	Downtown Infrastructure & Intersection Imps.	82,000	\$350,000		432,000
10027	Downtown Streetscapes & Redevelopment	583,000	260,000		843,000
10043	Downtown Square Design & Construction	262,000	244,000		506,000
10049	Commercial Corridor Revitalization		100,000		100,000
10511	Rosehill Road Power Lines			\$1,100,000	1,100,000
10512	Downtown Parking Lots			246,000	246,000
10220	Neighborhood Vitality Program	1,115,000	800,000		1,915,000
10509	Rosehill Streetscape & Public Improvements	627,000	900,000		1,527,000
10515	Economic Development & Redevelopment			1,722,000	1,722,000
10800	Land Acquisition and Parcel Assemblage			1,884,000	1,884,000
10127	Walnut Pedestrian Corridor	55,000			55,000
	<b>Total Economic Development</b>	<u>\$3,021,000</u>	<u>\$3,329,000</u>	<u>\$4,952,000</u>	<u>\$11,302,000</u>

**CIP FUND ALLOCATION  
BY PROJECT  
2020**

	<u>Page</u>	<u>Existing Funding</u>	<u>Continuation Funding</u>	<u>New Project Funding</u>	<u>Project Total</u>
<b><u>Municipal Facilities and Miscellaneous Tax Supported</u></b>					
Public & Media Relations					
16082 CGTV - Upgrades		\$430,000			\$430,000
Firewheel					
36530 Firewheel Golf Park Improvements		185,000			185,000
Street					
39844 Equipment Covered Structures/Pavement Imps.		500,000		\$500,000	1,000,000
Facilities Management					
16037 HVAC Replacement/Upgrade		350,000			350,000
16038 Roof Replacement		1,905,000	\$26,000		1,931,000
16039 Facilities Upgrades		360,000	40,000		400,000
16057 Fire Alarm, Fire Safety and Security Systems		160,000	40,000		200,000
16062 Parking Lot Upgrades		250,000			250,000
16068 Garland Animal Shelter & Adoption Facility		447,000	1,480,000		1,927,000
16105 Street Department Facility Renovation				324,000	324,000
16106 Transportation Maint. & Ops. Facility Renovation				212,000	212,000
<b>Total Mun. Fac. and Misc. Tax Supported</b>		<u>\$4,587,000</u>	<u>\$1,586,000</u>	<u>\$1,036,000</u>	<u>\$7,209,000</u>
<b><u>Miscellaneous Revenue Supported and Internal Service</u></b>					
EWS Group - Delivery					
21068 Replacement of Side-Load Residential Trucks		\$110,000		\$236,000	\$346,000
21069 Replacement of Recycling Truck		5,000		1,032,000	1,037,000
21071 Replacement of Rear-Load Brush Trucks		1,000		658,000	659,000
21075 Replacement of Commercial Front-Load Truck		169,000			169,000
21078 Replacement of Knuckle Boom Trucks		14,000		399,000	413,000
21074 Replacement of Brush Tractor Trucks/Trailers		71,000			71,000
Information Technology					
23019 Network & Cabling Upgrades		164,000			164,000
23048 Telephone System Replacement		500,000	\$413,000		913,000
23049 EMIT Redundant Fiber Path & Fiber Replacement				388,000	388,000
Stormwater Management					
39819 Stormwater Maintenance Equipment		273,000			273,000
<b>Total Misc. Rev. Supported and Internal Service</b>		<u>\$1,307,000</u>	<u>\$413,000</u>	<u>\$2,713,000</u>	<u>\$4,433,000</u>
<b><u>Landfill/Transfer Station</u></b>					
17108 Landfill Entry Safety and Efficiency Improvements		\$150,000		\$221,000	\$371,000
17154 Replacement of Landfill Equipment				2,595,000	2,595,000
17166 Construction of Waste Cell No. 8		2,908,000			2,908,000
17161 Hinton Landfill Gas Collection & Control Systems		318,000	\$750,000	607,000	1,675,000
<b>Total Landfill/Transfer Station</b>		<u>\$3,376,000</u>	<u>\$750,000</u>	<u>\$3,423,000</u>	<u>\$7,549,000</u>

**CIP FUND ALLOCATION  
BY PROJECT  
2020**

	<u>Page</u>	<u>Existing Funding</u>	<u>Continuation Funding</u>	<u>New Project Funding</u>	<u>Project Total</u>
<b><u>Water</u></b>					
30190		\$4,276,000	\$1,000,000		\$5,276,000
30191		3,475,000	3,000,000		6,475,000
30192		5,820,000	2,000,000		7,820,000
30195		263,000			263,000
30197		440,000			440,000
30205			415,000		415,000
30206			427,000		427,000
30207		1,929,000	750,000		2,679,000
30208		121,000	750,000		871,000
30213		3,150,000	626,000		3,776,000
30216		2,351,000			2,351,000
30235		1,619,000			1,619,000
30236		111,000			111,000
30237		2,030,000	2,685,000		4,715,000
30238		232,000	168,000		400,000
30241				\$1,120,000	1,120,000
30242				400,000	400,000
30243				781,000	781,000
		<b>Total Water</b>	<b>\$11,821,000</b>	<b>\$2,301,000</b>	<b>\$39,939,000</b>
<b><u>Wastewater</u></b>					
Wastewater Collection					
32124		\$1,981,000	\$1,500,000		\$3,481,000
32147		1,078,000	500,000		1,578,000
32148		40,000	80,000		120,000
32149		2,526,000	3,500,000		6,026,000
32151		100,000			100,000
32154		850,000	1,000,000		1,850,000
32157		8,825,000			8,825,000
32161		991,000	1,600,000		2,591,000
32174		589,000	140,000		729,000
32181		1,434,000			1,434,000
32183		220,000	2,000,000		2,220,000
32184		108,000	1,200,000		1,308,000
32186		425,000			425,000
32187		486,000			486,000
32188		232,000	200,000		432,000
32190		1,930,000	2,300,000		4,230,000
Wastewater Treatment					
33028		6,113,000	4,300,000		10,413,000
33029		3,059,000	2,200,000		5,259,000
33032		2,518,000			2,518,000
34027		4,252,000			4,252,000
34038		2,400,000			2,400,000
34040		430,000	6,970,000		7,400,000
34041				\$400,000	400,000
		<b>Total Wastewater</b>	<b>\$27,490,000</b>	<b>\$400,000</b>	<b>\$68,477,000</b>

**CIP FUND ALLOCATION  
BY PROJECT  
2020**

	<u>Page</u>	<u>Existing Funding</u>	<u>Continuation Funding</u>	<u>New Project Funding</u>	<u>Project Total</u>
<b><u>Electric</u></b>					
31240 Residential Construction			\$868,000		\$868,000
31223 Communications Upgrades/Improvements		\$250,000	200,000		450,000
31320 Commercial and Industrial Construction		1,852,000	706,000		2,558,000
31387 Transmission Lines		13,711,000	15,909,000		29,620,000
31460 Street and Thoroughfare Lighting		1,002,000	2,552,000		3,554,000
31491 Relocation of Facilities		1,950,000			1,950,000
31532 Distribution Lines - Overhead		2,260,000	5,022,000		7,282,000
31551 Production		120,000	3,301,000		3,421,000
31624 Distribution Lines - Underground		3,058,000	3,218,000		6,276,000
31717 Substations Upgrades		9,171,000	32,956,000		42,127,000
31875 Various Improvements		136,000	302,000		438,000
<b>Total Electric</b>		<u>\$33,510,000</u>	<u>\$65,034,000</u>	<u>\$0</u>	<u>\$98,544,000</u>
<b>Total</b>		<u>\$160,031,000</u>	<u>\$153,010,000</u>	<u>\$28,989,000</u>	<u>\$342,030,000</u>

# **Appendix F**

## **2019 Bond Projects with Multiple Funding Sources**



**GARLAND**

TEXAS MADE HERE

**2019 Bond Projects with Funding from Multiple Programs or Propositions  
(In 000's Dollars)**

**Parks, Recreation & Cultural Arts**

<u>Page No.</u>	<u>FUNDING REQUIRED</u>	<u>Estimates as of 2020</u>
	<b>Rick Oden Park Improvements</b>	
74	Rick Oden Park Improvements	\$ 10,000
80	Playground Replacement Program	253
82	Park System Parking and Park Roads Program	1,706
84	Trail Development Program	1,008
81	Sports Field/Park Renovation Program	1,450
64	Skating/Skateboard Facility	2,000
	<b>Sub-Total Rick Oden Park Improvements</b>	<b>\$ 16,417</b>
	<b>Surf &amp; Swim Regional Aquatic Facility Improvements</b>	
79	Surf & Swim Facility Improvements	\$ 12,664
82	Park System Parking and Park Roads Program	1,171
	<b>Sub-Total Surf &amp; Swim Regional Aquatic Facility</b>	<b>\$ 13,835</b>
	<b>Holford Recreation Center Improvements</b>	
78	Holford Recreation Center Improvements	24,000
79	Holford Neighborhood Aquatic Center Improvements	4,868
82	Park System Parking and Park Roads Program	512
81	Sports Field/Park Renovation Program	1,244
	<b>Sub-Total Holford Recreation Center</b>	<b>\$ 30,624</b>
	<b>Hollabaugh Recreation Center Improvements</b>	
76	Hollabaugh Recreation Center Improvements	7,940
82	Park System Parking and Park Roads Program	585
	<b>Sub-Total Hollabaugh Recreation Center</b>	<b>\$ 8,525</b>
	<b>Total Improvements</b>	<b>\$ 69,401</b>
	<b><u>FUNDING SOURCES</u></b>	
	2019 Bond Funds	\$ 64,988
	2004 Bond Funds	2,455
	Certificates of Obligation / Current Funds	1,958
	<b>Total Funding Sources</b>	<b>\$ 69,401</b>

**2019 Bond Projects with Funding from Multiple Programs or Propositions  
(In 000's Dollars)**

**Economic Development**

<u>Page No.</u>	<u>FUNDING REQUIRED</u>	<u>Estimates as of 2020</u>
	<b>Downtown Redevelopment, Phase 3</b>	
168	Downtown Square Design & Construction	\$ 6,413
165	Downtown Infrastructure & Intersection Improvements	8,096
166	Downtown Streetscapes & Redevelopment	4,640
167	Downtown Gateways	800
	<b>Total Downtown Redevelopment, Phase 3</b>	<b><u>\$ 19,949</u></b>
	 <b><u>FUNDING SOURCES</u></b>	
	2019 Bond Funds	\$ 13,254
	2004 Bond Funds	6,600
	Certificates of Obligation / Current Funds	95
	<b>Total Funding Sources</b>	<b><u>\$ 19,949</u></b>

# **Appendix G**

## **2019 Bond Implementation Schedule**



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# **Appendix H**

## **Maps**



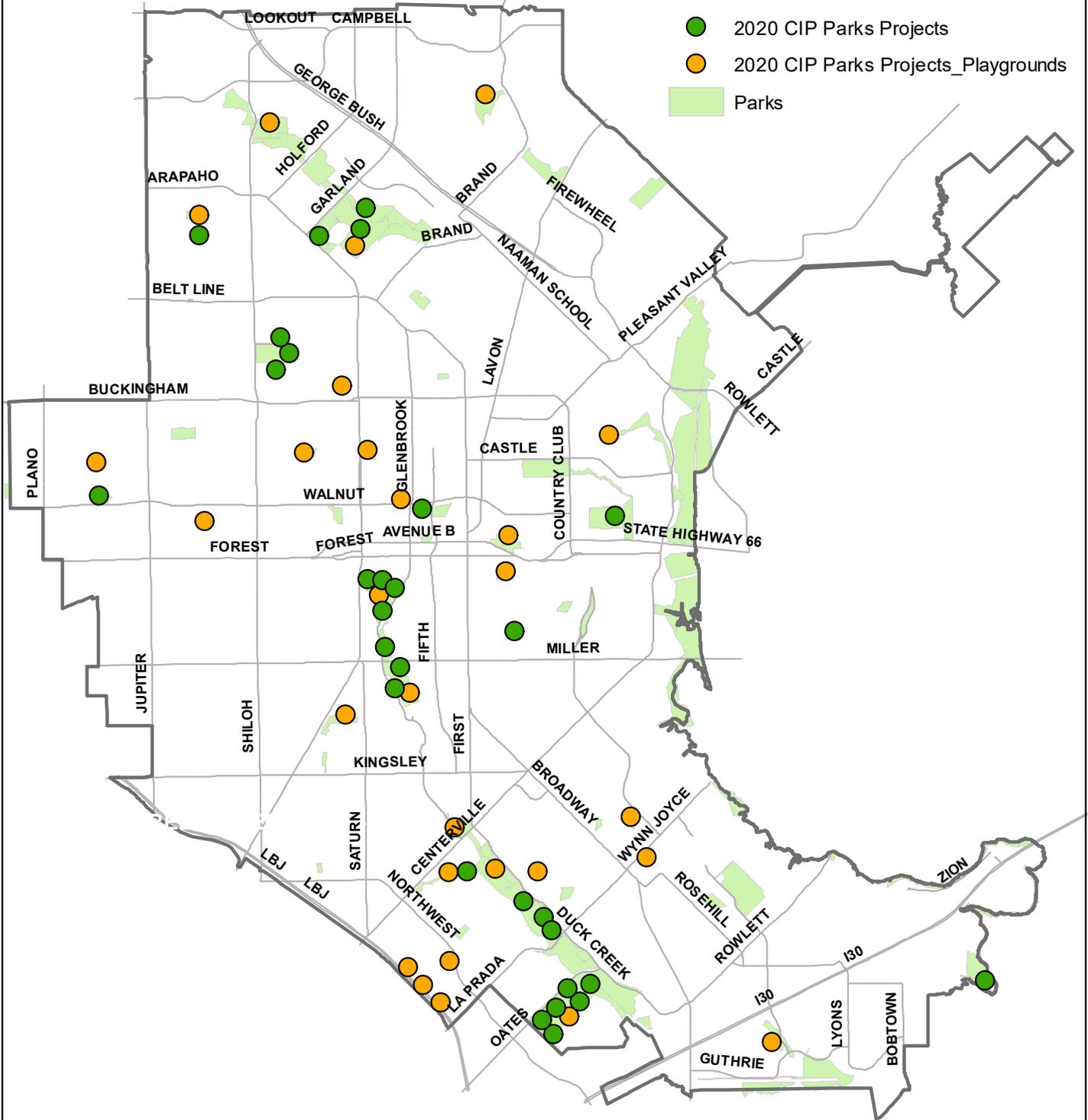
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# 2020 CAPITAL IMPROVEMENT PROGRAM

## Legend

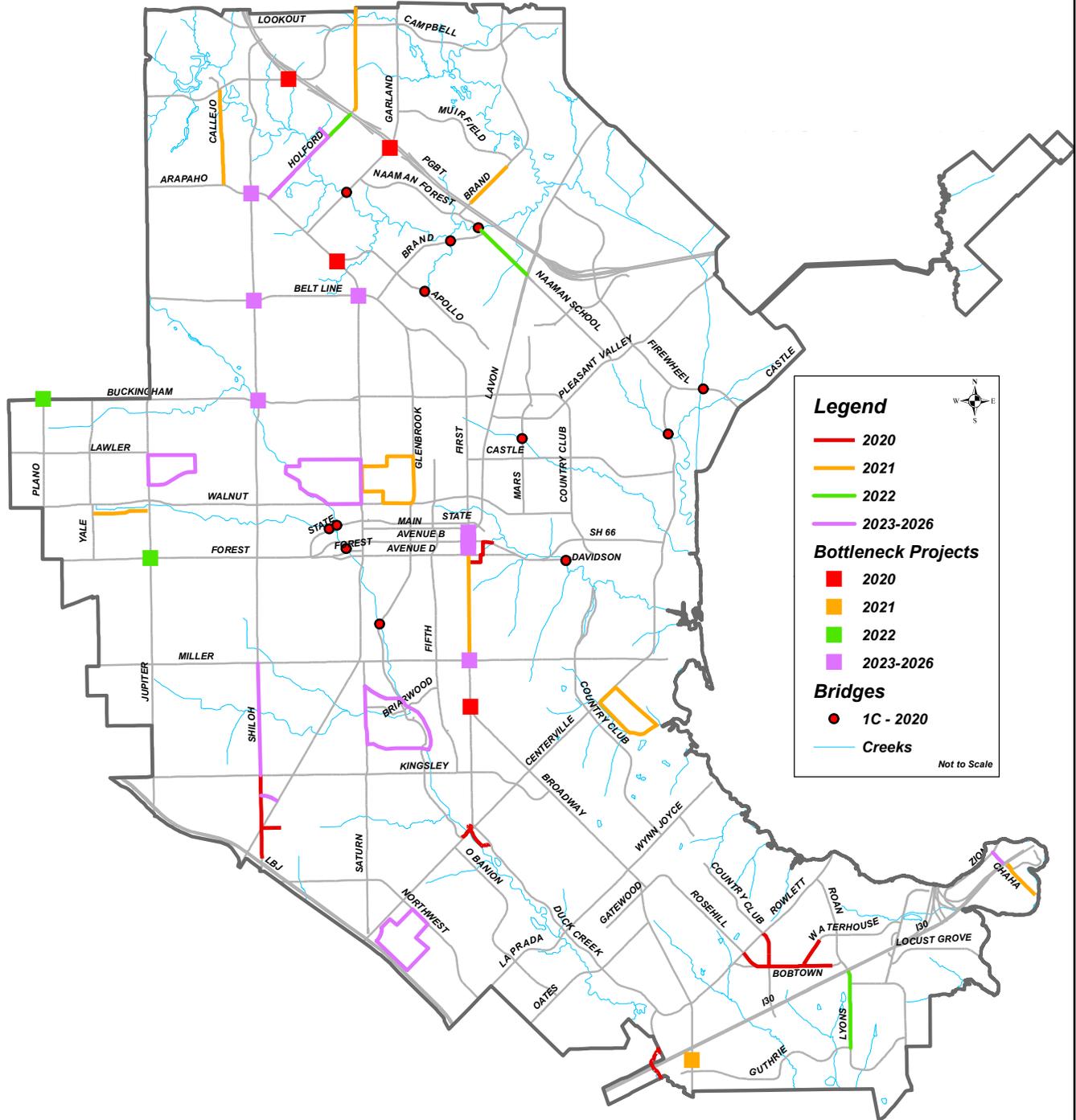
- 2020 CIP Parks Projects
- 2020 CIP Parks Projects\_Playgrounds
- Parks



PARK IMPROVEMENT PROJECTS

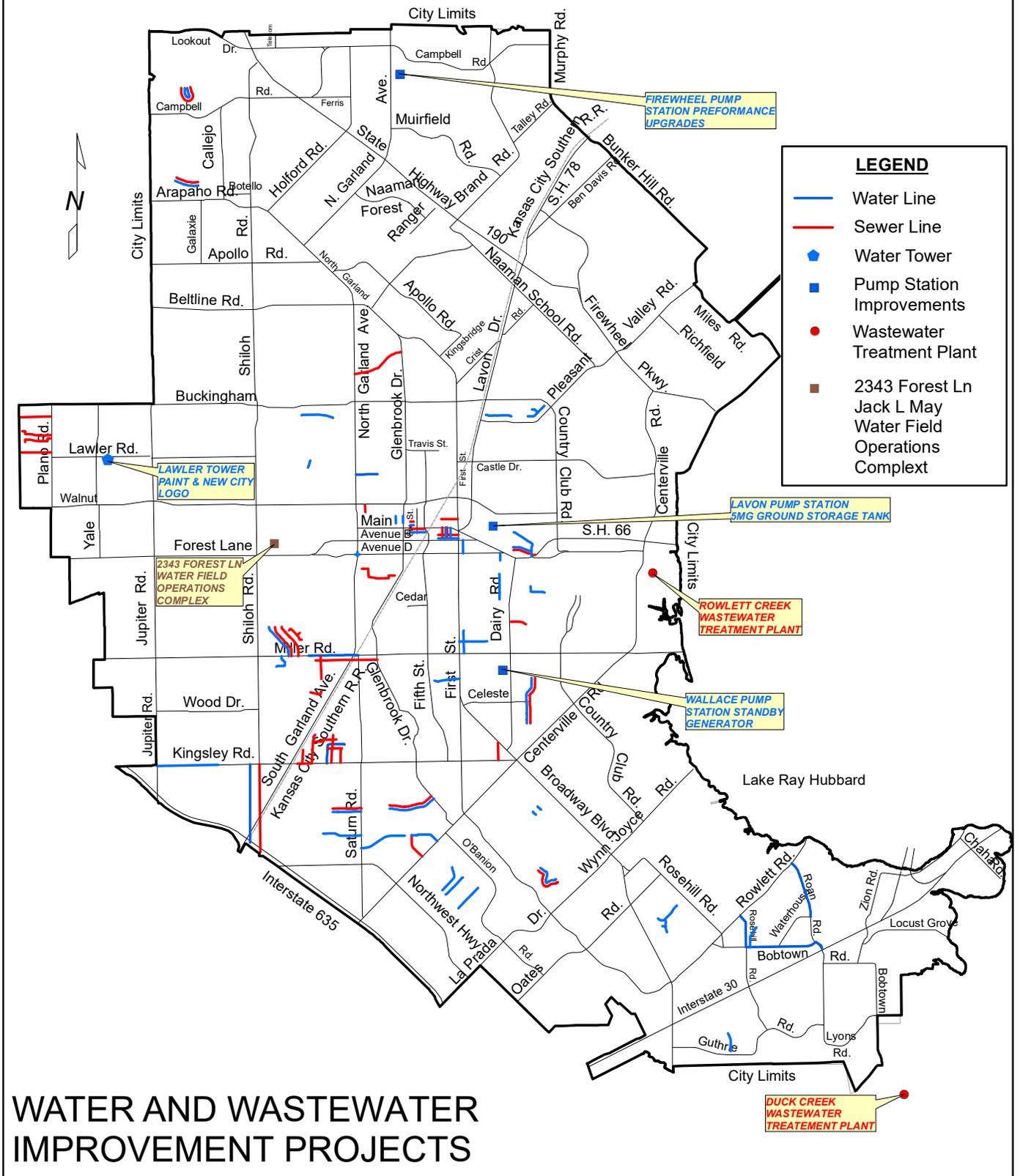


# 2020 ENGINEERING DEPARTMENT CAPITAL IMPROVEMENT PROGRAM 5-YEAR CONSTRUCTION PLAN



ENGINEERING PROJECTS

# 2020 CAPITAL IMPROVEMENTS PROGRAM





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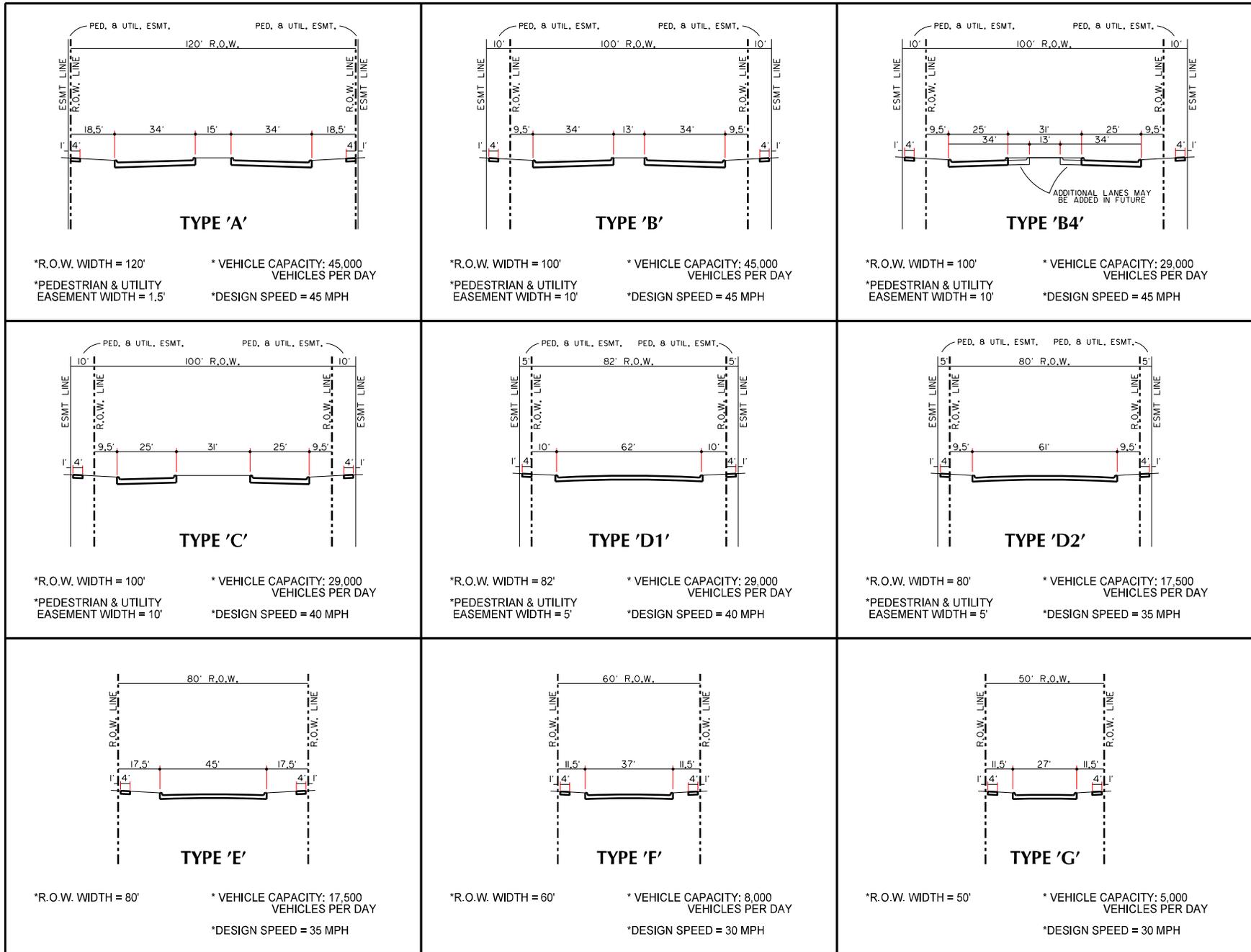
# **Appendix I**

## **Roadway Classifications**



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